

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.  
1510 W. Drake Drive  
Tempe, AZ 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 Page 3)*

*Original Product Type Certificate Number:* \* \* See attached FAA Approved Model List (AML) No. SR02249LA for list of approved airplane models  
*Make:* \*  
*Model:* \*

*Description of Type Design Change:* Installation, maintenance and operation of replacement tail rotor blades in accordance with Van Horn Aviation, L.L.C. Master Document Lists, and Instructions for Continued Airworthiness as appears on AML SR02249LA dated May 19, 2010, or later FAA Approved Revision.

*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. NOTE: Noise characteristics: This installation has been determined not to increase the noise level and is not considered an "acoustical change" as defined in Part 21.93(b), Amend. 21-77 of the Federal Aviation Regulations.

*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:* February 19, 2010

*Date of issuance:* August 7, 2009

*Date amended:* February 8, 2010; June 4, 2010  
June 7, 2011; December 15, 2011



*By direction of the Administrator*

(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.*

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*Certification Basis* For rotorcraft models on FAA Approved Model List No. SR02249LA, based on Title 14 Code of Federal Regulations sections 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis is as follows:

- a. The type certification basis for parts not changed or not affected by the change is shown on each individual TCDS as listed on FAA Approved Model List No. SR02249LA.
- b. The type certification basis for parts changed or affected by the change since the referenced date of application, January 21, 2008, is 14 CFR part 27 effective February 1, 1965, including Amendments 27-0 through 27-42.

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END

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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.*

**APPROVED MODEL LIST SR02249LA**  
**VAN HORN AVIATION, L.L.C.**  
**INSTALLATION OF TAIL ROTOR BLADES**

STC Original Issue Date: August 7, 2009

AML Original Issue Date: June 4, 2010

| ITEM | AIRCRAFT MAKE           | AIRCRAFT MODEL | ORIGINAL TYPE CERTIFICATE NUMBER | INSTALLATION, MAINTENANCE and OPERATION INSTRUCTIONS   |  | AML AMEND-MENT DATE |
|------|-------------------------|----------------|----------------------------------|--|--|---------------------|
|      |                         |                |                                  | TITLE  | REVISION NO. AND DATE  |                     |
| 1    | Bell Helicopter Textron | 206B           | H2SW                             | Van Horn Aviation, L.L.C. Master Document List(MDL), 206-MDL-001<br><br>Instruction for Continued Airworthiness, ICA Manual No. VMM-206B3-301  | Rev. B 7/14/09<br><br>Rev. A 7/29/09                         | June 7, 2011        |
| 2    | Bell Helicopter Textron | 206L           | H2SW                             | Van Horn Aviation, L.L.C. Master Document List(MDL), 206-MDL-001<br><br>Instruction for Continued Airworthiness, ICA Manual No. VMM-206B3-303  | Rev. B 7/14/09<br><br>Rev. N/C 10/30/09                      | June 7, 2011        |
| 3    | Bell Helicopter Textron | 206L-1         | H2SW                             | Van Horn Aviation, L.L.C. Master Document List(MDL), 206-MDL-001<br><br>Instruction for Continued Airworthiness, ICA Manual No. VMM-206B3-305<br><br>FAA Approved Rotorcraft Flight Manual Supplement Document No. 206L1-FMS-901 | Rev. B 7/14/09<br><br>Rev. N/C 10/30/09<br><br>Rev 0 12/1/11 | December 15, 2011   |

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**INSTALLATION OF TAIL ROTOR BLADES**

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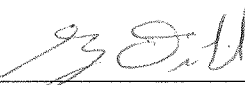
|   |                                       |                   |       |   |   |                      |
|---|---------------------------------------|-------------------|-------|---|---|----------------------|
| 4 | Bell<br>Helicopter<br>Textron         | 206L-3            | H2SW  | <p>Van Horn Aviation,<br/>L.L.C. Master<br/>Document List(MDL),<br/>206-MDL-001</p> <p>Instruction for<br/>Continued<br/>Airworthiness, ICA<br/>Manual No. VMM-<br/>206B3-307</p> <p>FAA Approved<br/>Rotorcraft Flight<br/>Manual Supplement<br/>Document No. 206L3-<br/>FMS-903</p> | <p>Rev. B<br/>7/14/09</p> <p>Rev. N/C<br/>10/30/09</p> <p>Rev 0<br/>12/1/11</p> | December 15,<br>2011 |
| 5 | Bell<br>Helicopter<br>Textron         | 206L-4            | H2SW  | <p>Van Horn Aviation,<br/>L.L.C. Master<br/>Document List(MDL),<br/>206-MDL-001</p> <p>Instruction for<br/>Continued<br/>Airworthiness, ICA<br/>Manual No. VMM-<br/>206B3-309</p> <p>FAA Approved<br/>Rotorcraft Flight<br/>Manual Supplement<br/>Document No. 206L4-<br/>FMS-904</p> | <p>Rev. B<br/>7/14/09</p> <p>Rev. N/C<br/>10/30/09</p> <p>Rev 0<br/>12/1/11</p> | December 15,<br>2011 |
| 6 | Arrow<br>Falcon<br>Exporters,<br>Inc. | OH-58A+<br>OH-58C | H22NM | <p>Van Horn Aviation,<br/>L.L.C. Master<br/>Document List(MDL),<br/>OH58-MDL-001</p> <p>Instruction for<br/>Continued<br/>Airworthiness, ICA<br/>Manual No. VMM-<br/>OH58-311</p>   | <p>Rev. N/C<br/>3/31/10</p> <p>Rev. N/C<br/>3/31/10</p>                         | June 7, 2011         |

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|   |  |                   |          |   |   |              |
|---|--|-------------------|----------|---|---|--------------|
| 7 | Rotorcraft<br>Development<br>Corporation | OH-58A+<br>OH-58C | R00006DE | <p style="text-align: center;">Van Horn Aviation,<br/>L.L.C. Master<br/>Document List(MDL),<br/>OH58-MDL-001</p> <p style="text-align: center;">Instruction for<br/>Continued<br/>Airworthiness, ICA<br/>Manual No. VMM-<br/>OH58-313</p> | <p>Rev. N/C<br/>3/31/10</p> <p>Rev. N/C<br/>3/31/10</p> | June 7, 2011 |
| 8 | San Juaquin<br>Helicopters               | OH-58A+<br>OH-58C | R00002LA | <p style="text-align: center;">Van Horn Aviation,<br/>L.L.C. Master<br/>Document List(MDL),<br/>OH58-MDL-001</p> <p style="text-align: center;">Instruction for<br/>Continued<br/>Airworthiness, ICA<br/>Manual No. VMM-<br/>OH58-315</p> | <p>Rev. N/C<br/>3/31/10</p> <p>Rev. N/C<br/>3/31/10</p> | June 7, 2011 |

FAA Approved:   
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 Gregory S. Dilibero  
 Manager, Airframe Branch  
 Los Angeles Aircraft Certification Office