

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

*Number* SA01946LA

*This Certificate issued to* Blackhawk Modifications Inc.  
7601 Karl May Drive  
Waco, Texas 76708

*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 of the Federal Aviation Regulations.* \*Certification basis set forth on continuation sheet 2

*Original Product Type Certificate Number:* See Attached FAA Approved

*Make:* Model List (AML) for list of approved models and  
Applicable airworthiness regulations]

*Model:*

*Description of Type Design Change:* Installation of Ultra FlightLine powerplant indication system in accordance with FAA Approved Model List No. SA01946LA, dated October 8, 2008, or later FAA approved revision. Airplane Flight Manual (AFM) Supplement 55023-11, Revision B, dated September 30, 2008, or later FAA approved revision is required. Instructions for Continued Airworthiness, Document No. 200809-30, Revision A, November 2009, or latest FAA accepted revision is required.

Installation of Howell Instruments powerplant indicating system in accordance with FAA Approved Model List No. SA01946LA, dated October 8, 2008, or later FAA approved revision. Airplane Flight Manual Supplement 201406, Revision IR, dated 19 February 2015, or later FAA approved revision is required. Instructions for Continued Airworthiness, Document No. 201406-30, Revision IR, February 2015, or latest FAA accepted revision is required.

*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 that aircraft. The approval of this modification applies to the above-noted airplane models only. 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.

(CONTINUED on page 3)

*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:* August 29, 2005

*Date reissued:*

*Date of issuance:* December 22, 2006

*Date amended:* October 8, 2008, March 2, 2015



*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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**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SA01946LA

*Limitations and Conditions (continued)*

The certification basis for this STC is the same as for the original certification basis for these model airplanes as defined in Approved Model List No. SA01946LA except for:

Title 14 CFR 23 §§ 23.1, 23.29, 23.301, 23.303, 23.305, 23.307, 23.363, 23.601, 23.627, 23.771, 23.1183, 23.1301, 23.1305, 23.1309, 23.1321, 23.1322, 23.1327, 23.1351, 23.1357, 23.1359, 23.1365, 23.1381, 23.1431, 23.1437, 23.1529, 23.1541, 23.1543, 23.1549, 23.1581, 23.1583 which are amended by Amendment 23-59.

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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.*

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