

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

*Number* SR02501LA

*This Certificate issued to* Carson Helicopters, Inc.  
952 Blooming Glen Road  
Perkasie, PA 18944

*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 29 of the Federal Aviation Regulations.* Certification basis is set forth in Type Certificate Data Sheet 1H15

*Original Product Type Certificate Number:* 1H15  
*Make:* Sikorsky  
*Model:* S-61L, S-61N, S-61NM

*Description of Type Design Change:* Removal of the Bendix 30E20-11-C 300 Amp Starter Generator and installation of the AMETEK Aerospace MG105A-1, 300 Amp Starter Generator in accordance with FAA Installation Instructions, Document No. CAR-702, Revision IR, dated April 29, 2013, or later FAA approved revisions. Instructions for Continued Airworthiness, Document No. CAR-703, Revision IR, dated April 29, 2013, must be made available to the operator at the time of installation.

*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 airplane model series 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.

*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:* March 28, 2013

*Date reissued:*

*Date of issuance:* March 6, 2014

*Date amended:*



*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.

# Supplemental Type Certificate

(United States Of America

Continuation Sheet)

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# Supplemental Type Certificate

(United States Of America

## Continuation Sheet)

*Number* SR02501LA

The certification basis for this modification is 14 CFR part 29 effective February 1, 1965: 14 CFR part 21(d) based on "no significant change" (i.e. no significant improvement in safety) per 21.101(b)(1)(2).

Airworthiness Environmental standards for components and areas affected by the change:

<u>Regulation</u>	<u>Amendment Level</u>
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Certification Basis:

The certification basis for this modification is 14 CFR part 29 effective February 1, 1965: 14 CFR part 21(d) based on "no significant change" (i.e. no significant improvement in safety) per 21.101(b)(1)(2).

Airworthiness Environmental standards for components and areas affected by the change:

<u>Regulation</u>	<u>Amendment Level</u>
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<u>Subpart B</u>	<u>Flight</u>
29.29	29-0

<u>Subpart C</u>	<u>Strength requirements</u>
29.301	29-0
29.303	29-0
29.305	29-0
29.307(a)	29-0

<u>Subpart D</u>	<u>Design and Construction</u>
29.601	29-0
29.607	29-0
29.609	29-0
29.611	29-0
29-613	29-0

<u>Subpart E</u>	<u>Powerplant</u>
29.908	29-0
29.931(a)	29-0
29.935	29-0
29.1163(b)(d)	29-0

<u>Subpart F</u>	<u>Equipment</u>
29.1301	29-0
29.1309(a)	29-0

**Number SR02501LA**

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# Supplemental Type Certificate

(United States Of America

## Continuation Sheet)

<u>Regulation</u>	<u>Amendment Level</u>
29.1353(a)	29-0
29.1359	29-0
<b><u>Subpart G</u></b>	<b><u>Operating Limitations and Information</u></b>
29.1529	29-4
29.1581	29-0
Appendix A	29-20

The following Carson Helicopters Inc. Continued Airworthiness Supplements are applicable to airplanes modified in accordance with this STC:

- Installation Instructions for Ametek MG105A-1 Starter-Generator, Document No. CAR-702, IR, dated April 29, 2013

Instructions for Continued Airworthiness for Installation of Ametek MG105A-1 Starter-Generator, Document No. CAR-703, Revision IR, dated April 29, 2013

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