

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

Number SR02487NY

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 therefore as specified hereon meets the airworthiness requirements of Part 7 of the Civil Air Regulations.

Original Product Type Certificate Number: 1H15

Make: Sikorsky Aircraft

Model: S-61L, S-61N, S-61NM

Description of Type Design Change:

Increased Category A Performance for the Sikorsky S-61L, S-61N and S-61NM Helicopters in accordance with Carson Helicopters, Inc. Report No. CHI-04-1001 Rev F, dated November 27, 2006.

Limitations and Conditions:

1. S-61 Models effected by this STC are required to be configured with the following:
CT58-140-1 Engines or – 2 Engines
S61 Long Fuselage Aircraft
Main Gear Box (P/N S6135-20600-039 and subsequent).
Ribbed pocket tail rotor blades (P/N S6117-30101-043 and subsequent).
Bifilar assembly (P/N S6112-23039-017 or -018).
Beam Pitch Control Tail Gear Box (P/N S6135-66705-1 and subsequent).
Fixed Land Main Gear or Sponson Landing Gear.
STC SR01585NY (Composite Main Rotor Blades P/N 163-101-1).

(See Continuation Sheet 2)

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: October 27, 2004

Date reissued:

Date of issuance: December 05, 2007

Date amended: January 27, 2009



By direction of the Administrator

(Signature)

Anthony Socias
Manager
New York Aircraft Certification Office

(Title)

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Supplemental Type Certificate

(Continuation Sheet)

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Date of Amendment: January 27, 2009

Limitations and Conditions (Continued):

2. Operation must be in accordance with Carson Helicopters, Inc. Rotorcraft Flight Manual Supplement No. 7, Rev. A, FAA approved January 27, 2009.
3. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.
4. The installer must determine whether this design change is compatible with previously approved modifications.

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