United States of America

Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number **SR01771NY**

SURRENDERED

This certificate issued to

Carson Helicopters, Inc.
32-H Blooming G[illegible]
Perkasie, [illegible]

*certifies that the [illegible] product with the limitations and conditions therefor as specified hereon [illegible] of Part * of the * Regulations.*

Original Produ[illegible] Type Certificate Number:

Make: *See attached FAA Approved Model List (AML) No. SR01771NY for list of approved aircraft models and applicable airworthiness regulations.

Model: *

July 25, 2011

Date

Manager, NYACO

Description of Type Design Ch[illegible]

Increase of Out of Ground Effect ([illegible] Hover Performance for the Sikorsky S-61A and S-61N Helicopters in accordance with Carson Helicopters, Inc. Report No. CHI-03-1002 Rev IR dated March 24, 2003.

Limitations and Conditions:

1. S-61 Models effected by this STC are required to be configured with the following:
   - Gearbox, P/N S6135-20600-039 or subsequent
   - Ribbed pocket tail rotor blades, P/N S6117-30101-043 or S6117-30101-045
   - Bifilar assembly, P/N S6112-23039-017 or S6112-23039-018
   - Beam pitch control tail gearbox, P/N S6135-66705-1
   - Fixed Main Landing Gear
   - S-61N helicopters with a r[illegible] (fro[illegible] stati[illegible] t[illegible]ion 160).
2. A copy of this certific[illegible] th[illegible] AA[illegible] Lis[illegible] N[illegible] 771[illegible], issued October 6, 2003 or later FAA approved re[illegible] be ma[illegible] as[illegible] p[illegible] ma[illegible] for [illegible] modified aircraft.
3. If the holder a[illegible]es to [illegible] ar[illegible] ers[illegible] hi[illegible] ert[illegible]ate to alter the product, the holder shall give the other person written eviden[illegible] of th[illegible] permiss[illegible].
4. Compatibility [illegible] his [illegible] ha[illegible] with previously approved modifications must be determined by the installer.

TERMINATED

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 23, 2002

Date reissued:

Date of issuance: October 6, 2003

Date [illegible]: April 11, 2005, August 11, 2006

Sept. 1, 2011

Date

Manager, NYACO

FEDERAL AVIA[illegible] ADMINISTRATION

[illegible]tion of the Administrator

(Signature)

Anthony Socias
Manager
New York 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.

FAA Form 8110-2(10-68) Page 1 of 1 This certificate may be transferred in accordance with FAR 21.47.

FAA APPROVED MODEL LIST (AML) No. SR01771NY

CARSON HELICOPTERS INCORPORATED

FOR

INCREASED OUT GROUND EFFECT (OGE) HOVER PERFORMANCE

Issue Date: October 6, 2003

PART	REGULATION	MAKE	MODEL	ORIGINAL PRODUCT TYPE CERTIFICATE DATA SHEET	PREREQUISITE STC's	REQUIRED DOCUMENTATION	AML AMENDMENT DATE
	Date				Date	ROTORCRAFT FLIGHT MANUAL SUPPLEMENT	
7	Civil Air	Sikorsky	S-61N	H1L5	SH640NE (50" Reduced Length Fuselage)	CH-04, FAA approved October 6, 2003	N/A
7	Civil Air	Sikorsky	S-61N		SH640NE (50" Reduced Length Fuselage) SR01585NY (Composite Main Rotor Blades)	CH-05, FAA approved October 6, 2003	N/A
29	Federal Aviation	Sikorsky	S-61A	H2EA	SR00208NY (CT7-140-1 Engines)	CH-05, FAA approved October 6, 2003	N/A
29	Federal Aviation	Sikorsky	S-61A S-61V S/N 61271	H2EA	SR00208NY (CT7-140-1 Engines) SR01585NY (Composite Main Rotor Blades)	CH-06, FAA approved August 11, 2006	August 11, 2006

SUPERSEDED

TERMINATED

Manager, NYACO

Manager, NYACO

FAA Approved: _____

Anthony Socias for
Manager, New York Certification Office

Date of Amendment: August 11, 2006