

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

Number SR02507NY

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 * of the * Regulations.*

Original Product - - Type Certificate Number: * * See attached FAA Approved Model List (AML) No. SR02507NY for the list of approved aircraft models and applicable airworthiness regulations
Make: *

Model: *

Description of Type Design Change:

Installation of a 600 pound capacity Goodrich AC rescue hoist system P/N 44311-10-2 in accordance with Carson Helicopters Inc. AC Rescue Hoist Drawing List CS61-001-005 Revision D dated January 22, 2008 and Installation Instructions CS61-001-001 Revision IR dated January 15, 2008.

Limitations and Conditions:

1. This approval is limited to the model helicopters listed in AML No. SR02507NY with the following aircraft configuration:
 - a. CT58-140-1 or -2 engines
 - b. Main Gearbox P/N S6135-20600-039 and subsequent
 - c. Ribbed pocket tail rotor blades P/N S6117-30101-043 and subsequent
 - d. Bifilar assembly P/N S6112-23039-017 or -018
 - e. Beam Pitch Control Tail Gear Box P/N S6135-66705-1 and subsequent
 - f. Fixed Land Main Gear or Sponson Landing Gear
 - g. STC SR1585NY installed – Composite Main Rotor Blades P/N 163-101-1
2. This modification is to be maintained in accordance with Carson Helicopters Inc. Instructions for Continued Airworthiness CS61-001-007 Rev. IR dated October 25, 2007 and accepted by the Fort Worth Aircraft Evaluation Group on January 7, 2008.
3. See AML No. SR02507NY for Rotorcraft Flight Manual Supplements required with this installation.

(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 26, 2007

Date reissued:

Date of issuance: February 07, 2008

Date amended:



By direction of the Administrator

(Signature)

Anthony Socias
Manager
New York Aircraft Certification Office

(Title)

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate
(Continuation Sheet)

Number **SR02507NY**

Date of Issuance: February 07, 2008

Limitations and Condition (Continued):

4. The installer must determine whether this design change is compatible with previously approved modifications.
5. If the holder agrees to permit another person to use the certificate to alter a product, the holder must give the other person written evidence of that permission.

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