United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SH5142NM

(Reissued on 7/28/92 to supersede the original which was lost or misplaced.

This certificate, issued to Simplex Manufacturing Company

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 6 *of the* Civil Air *Regulations* effective October 11, 1950

Original Product — Type Certificate Number 2H3

Make Bell Helicopter Textron

Model 47G-2A, 47G-2A-1, 47G-3, 47G-3B, 47G-3B-1, 47G-3B-2 47G-3B-2A, 47G-4, 47G-4A, 47G-5, 47G-5A (NOTE 1)

Description of Type Design Change: Install rotary atomizers, Simplex model 10060, on Simplex spray booms approved under one of the STC's SH787NW, SH856NW, SH889NW or SH891NW, in accordance with Simplex Manufacturing Company Drawing 10060, Revision C dated April 17, 1991, or later FAA approved revision.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate, its continuation sheet and the Rotorcraft Flight Manual Supplement of May 28, 1992, or later FAA approved revision, must be maintained as part of the permanent records for the modified aircraft. (See Continuation Sheet 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: March 22, 1991

Date of issuance: April 19, 1991

Date reissued:

Date amended: May 28, 1992

By direction of the Administrator

(Signature)

Acting Manager, Special Certification Branch
Seattle 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.

This certificate may be transferred in accordance with FAR 21.47.

FAA Form 8110-2 (10-68)

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Supplemental Type Certificate

(Continuation Sheet)

Number SH5142NM

LIMITATIONS AND CONDITIONS: (CONTINUED)

Airspeed limits	Vne = 80 m.p.h (70 k) or the airspeed at which the atomizers can not exceed 10,000 r.p.m., whichever is lower.
Atomizer limits	Maximum 10,000 r.p.m.

NOTE 1. The helicopters may or may not be modified by STC SH657NW.

-END-

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.