

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

*Number* SR00769SE

*This certificate, issued to* **Simplex Manufacturing Company**  
**13340 NE. Whitaker Way**  
**Portland, OR 97230**

*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 27 of the Federal Aviation Regulations.*

*Original Product—Type Certificate Number:* H2SW  
*Make:* Bell Helicopter Textron  
*Model:* 407

*Description of the Type Design Change:* Fabrication of Simplex Model 308 fire attack system in accordance with Simplex Master Drawing List No. MDL-308, Revision "A," dated October 29, 1999, or later Federal Aviation Administration (FAA) approved revision; and installation of this system in accordance with Simplex Installation Document No. 308-102 002-001, dated September 14, 1999, or later FAA approved revision. This modification must be maintained in accordance with Simplex Maintenance Manual Document No. 308-102 005-001, dated September 14, 1999, or later FAA approved revision.

*Limitations and Conditions:* Approval of this change in type design applies to the Bell model 407 rotorcraft only, equipped with an FAA approved high skid landing gear system. This approval should not be extended to other rotorcraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that helicopter.

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.

(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:* October 15, 1998

*Date reissued:*

*Date of issuance:* January 19, 2000

*Date amended:*



*By direction of the Administrator*

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
Acting Manager, 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.



United States of America  
 Department of Transportation Federal Aviation Administration  
**Supplemental Type Certificate**  
 (Continuation Sheet)

*Number* SR00769SE

**Simplex Manufacturing Company**  
**Reissued:**  
**Amended:**

*Limitations and Conditions continued:*

Rotorcraft modified in accordance with this STC must be operated in accordance with an FAA approved copy of the Rotorcraft Flight Manual Supplement (RFMS), Simplex Document No. 308-102 003-002, dated January 19, 2000, or later FAA approved revision. A copy of this Certificate and FAA approved RFMS and maintenance manual must be maintained as part of the permanent records of the modified helicopter.

The following table shows various rotorcraft-operating conditions and categories with the Simplex Model 308 Fire Attack System installed:

Category	Condition
Normal	Day/Night VFR: No Hover Refill Pump installed. No water load. Transport of personnel and equipment allowed. Category A operations are <u>prohibited</u> . <b>NOTE:</b> For night flight helicopter landing light must be operational.
Restricted	Day/Night VFR (without refill pump): Ground fill operation only. No Hover Refill Pump installed. Transport of mission related personnel and equipment to and from base of operation allowed. <b>NOTE:</b> For night flight helicopter landing light must be operational.
Restricted	Day VFR (with refill pump): Hover Refill Pump installed. Carriage of fire commander, forestry observer, etc. as a member of the mission related crew allowed. Delivery of firefighters or other personnel to and from base of operation <u>not allowed</u> .

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

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