

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SR02466SE*This certificate, issued to***Simplex Manufacturing Co.
13340 NE Whitaker Way
Portland, OR 97230**

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 29 of the Federal Aviation Regulations.

<i>Original Product—Type Certificate Number:</i>	R00051SE
<i>Make:</i>	Columbia Helicopters, Inc.
<i>Model:</i>	CH-47D

Description of the Type Design Change: Installation of the Simplex Model 347 aerial dispensing of liquids system in accordance with Master Drawing List (MDL) MDL347, Revision B, dated November 18, 2015, or later Federal Aviation Administration (FAA) approved revision and Installation Manual 347-102002-001, Revision A, dated November 19, 2015, or later FAA-approved revision; maintained in accordance with Instructions for Continued Airworthiness (ICA) 347-102005-001, Revision A, dated March 21, 2016, or later FAA-accepted revision; and operated in accordance with Rotorcraft Flight Manual Supplement (RFMS) 347-102003-001, Revision A, signed April 7, 2016, or later FAA-approved revision.

Limitations and Conditions: Approval of this change in type design applies to the above model rotorcraft only. This approval should not be extended to other rotorcraft of this model series unless the installer determines that the relationship between this change and any other previously incorporated approved modifications will introduce no adverse effect upon the airworthiness of that rotorcraft.

A copy of this certificate, the MDL, the Installation Manual, the ICA, and the RFMS must be maintained as part of the permanent records for the modified rotorcraft. 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 of 3 Pages)

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: June 8, 2015*Date reissued:**Date of issuance:* December 3, 2015*Date amended:* May 4, 2016*By direction of the Administrator*

(Signature)

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.***

Supplemental Type Certificate

(Continuation Sheet)

Number **SR02466SE**

Simplex Manufacturing Co.

Issued: December 3, 2015

Reissued:

Amended: May 4, 2016

Certification Basis:

Based on Title 14 Code of Federal Regulations (CFR) section (§) 21.115 and § 21.101 for non-significant changes to type design, the certification basis for this change is as follows:

- a. The certification basis for parts not changed or not affected by this change is in accordance with Type Certificate Data Sheet (TCDS) R00051SE.
- b. The certification basis for parts changed or affected by this change is:

Regulations at the amendment level in TCDS R00051SE

§ 29.561

Regulations at the latest amendment 29-0 through 29-55

§§ 29.1, 29.21, 29.29, 29.45(a)(b)(c), 29.51, 29.64, 29.65(a), 29.71, 29.75, 29.141, 29.143(a)(b)(c), 29.171, 29.173, 29.175, 29.177, 29.231, 29.241, 29.251, 29.301, 29.303, 29.305, 29.307(a), 29.337(b), 29.341, 29.601, 29.603, 29.605(a), 29.607, 29.609, 29.610, 29.611, 29.613, 29.619, 29.623, 29.625, 29.629, 29.771, 29.773(a), 29.777, 29.779, 29.803, 29.805, 29.1301(a)(b)(c)(d), 29.1307, 29.1309(a)(b)(1)(c)(g), 29.1322, 29.1351(a), 29.1353(a)(b)(c), 29.1357, 29.1359(a)(c), 29.1381, 29.1383(b)(1), 29.1385(a), 29.1387, 29.1401(a)(1)(b), 29.1431(b), 29.1435, 29.1501, 29.1503, 29.1505(a), 29.1523, 29.1525, 29.1529, 29.1541, 29.1555(a)(d), 29.1559, 29.1581, 29.1583(a)(d)(h), 29.1585(a), 29.1587(b)(2), 29.1589

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