



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SR02796SE

This certificate issued to: Boost Systems LLC
3035 Island Crest Way
Mercer Island, WA 98040

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 \* of \*

Original Product \*
Type Certificate Number:

Make: \*
Model: \* See attached FAA Approved Model List (AML) SR02796SE for
approved aircraft models and applicable airworthiness regulations.

Description of Type Design Change:

Installation of Human External Cargo (HEC) system in accordance with Boost Systems Master Data List (MDL) as listed on
AML SR02796SE; and Boost Systems Modification Instructions MI-1963-UH1, Revision IR, dated December 19, 2022, or
later FAA-approved revision. Operation must be in accordance with Rotorcraft Flight Manual Supplement (RFMS) as listed
on AML SR02796SE. Maintenance must be in accordance with Instructions for Continued Airworthiness (ICA)
ICA-1963-UH1, dated April 24, 2024, or later FAA-approved revision.

Limitations and Conditions:

- 1. Approval of this change in type design applies to the rotorcraft models listed on AML SR02796SE only.
2. STC SR00713SE must be installed as a prerequisite to this installation. Additional installation requirements are
identified in the above-referenced Modification Instructions document.
3. The installer must determine whether this design change is compatible with previously approved modifications.

(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: 9/22/22

Date Reissued:

Date of Issuance: 6/25/24

Date Amended:

By Direction of the Administrator

Signature:

[Handwritten Signature]

Digitally signed by BRIAN F
HERNANDEZ

Date: 2024.06.25 11:57:53 -0700

Title: for Manager, West Certification Branch

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 or made
available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than
the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions,
specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or
propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



United States of America  
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**Supplemental Type Certificate**

Number: SR02796SE

**INSTRUCTIONS:** The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

**Transfer Endorsement**

Transfer the ownership of Supplemental Type Certificate Number: \_\_\_\_\_

**To** (Name and address of transferee):

**From** (Name and address of grantor):

**Extent of Authority** (if licensing agreement):

**Date of transfer:**

**Signature of grantor:** \_\_\_\_\_

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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. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

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

(Continuation Sheet)

Number: SR02796SE

Date of application: September 22, 2022

Date of issuance: June 25, 2024

*Limitations and Conditions, continued:*

4. Restricted category aircraft may not be operated in a foreign country without the express written approval of that country.
5. The aircraft listed on AML SR02796SE have not been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 of the Convention on International Civil Aviation.
6. No passengers are permitted.
7. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

*Certification Basis:*

1. 14 CFR § 21.25(a)(2) for areas not affected by the change
2. For areas affected by the change, the following 14 CFR regulations at the latest amendment through Amendment 29-57: §§ 29.21(a), 29.251, 29.301, 29.303, 29.305, 29.307(a), 29.321, 29.337(a), 29.561(a)(b), 29.571(a)(1)(i), 29.601, 29.603, 29.605(a), 29.607, 29.609, 29.610, 29.611, 29.613, 29.619, 29.623, 29.625(a)(b)(c), 29.671(a), 29.771(a)(b)(c), 29.773(a), 29.777(a), 29.863(d), 29.865, 29.1301, 29.1309(b)(1)(c)(g), 29.1317(a)(b)(c), 29.1322, 29.1353(a), 29.1357(a)(b)(c)(d)(e), 29.1359, 29.1381, 29.1435(a)(1)(2)(5)(6)(c), 29.1501, 29.1503, 29.1505(a)(2)(ii), 29.1523, 29.1525, 29.1529, 29.1541, 29.1555(a)(d)(2), 29.1581, 29.1583(e), 29.1585(a), 29.1589.
2. Special purpose operation: External Load Operations under § 21.25(b)(7)
3. In accordance with § 36.1(a)(4), compliance with noise requirements was not shown. Therefore, aircraft with this STC installed are only eligible for external load operations excepted by § 36.1(a)(4) and defined under § 133.1(b).

**End**

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Any alteration of this certificate and/or the Type Certificate Data Sheet is punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with Title 14 of the Code of Federal Regulations, part 21, section 21.47 (14 CFR 21.47). A transfer must be endorsed as provided on the reverse hereof. A Type Certificate holder who allows a person to use the Type Certificate to manufacture a new aircraft, aircraft engine, or propeller must provide that person with a written licensing agreement acceptable to the FAA. (Ref. 14 CFR 21.55).

**FEDERAL AVIATION ADMINISTRATION (FAA) APPROVED MODEL LIST (AML) SR02796SE  
FOR  
BOOST SYSTEMS LLC HUMAN EXTERNAL CARGO (HEC) SYSTEM**

ISSUE DATE: June 25, 2024

ITEM	ROTORCRAFT MAKE	ROTORCRAFT MODEL	ORIGINAL TC NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA APPROVED ROTORCRAFT FLIGHT MANUAL SUPPLEMENT		FAA APPROVED MASTER DRAWING LIST		AML AMEND DATE
					Number	Revision*	Drawing	Revision*	
1.	Richards Heavylift Helo, Inc.	UH-1H	H3SO	14 CFR 29 with Amendments 29-1 through 29-57	RFMS-1963-UH1	IR	MDL-1963-UH1	B	N/A
2.	Overseas Aircraft Support, Inc.	UH-1H	H7SO	14 CFR 29 with Amendments 29-1 through 29-57	RFMS-1963-UH1	IR	MDL-1963-UH1	B	N/A
3.	Midwest Aerospace TC LLC	UH-1H	H13WE	14 CFR 29 with Amendments 29-1 through 29-57	RFMS-1963-UH1	IR	MDL-1963-UH1	B	N/A
4.	Northwest Rotorcraft, LLC	UH-1H	R00005SE	14 CFR 29 with Amendments 29-1 through 29-57	RFMS-1963-UH1	IR	MDL-1963-UH1	B	N/A
5.	Tamarack Helicopters, Inc.	UH-1H	R00010SE	14 CFR 29 with Amendments 29-1 through 29-57	RFMS-1963-UH1	IR	MDL-1963-UH1	B	N/A

\* Or later FAA Approved Revision

  
**FAA Approved:** \_\_\_\_\_  
 Digitally signed by BRIAN F. HERNANDEZ  
 Date: 2024.06.25 11:57:03 -07'00'  
 \_\_\_\_\_  
 for Manager, West Certification Branch

**AMENDED:  
REISSUED:**