

Department of Transport

# Supplemental Type Certificate

**This approval is issued to:**

Boost Human External Cargo Systems Inc.  
1476 20<sup>th</sup> Street East  
North Vancouver, British Columbia, Canada  
V7J 1M8

**Number:** SH22-35

**Issue No.:** 1

**Approval Date:** December 12, 2022

**Issue Date:** December 12, 2022

**Responsible Office:**

Québec

**Aircraft/Engine Type or Model:**

See Eligibility List on Page 2

**Canadian Type Certificate or Equivalent:**

See Eligibility List on Page 2

**Description of Type Design Change:**

Installation of a Human External Cargo (HEC) Suspension Line and Personnel Carrying Device System (PCDS)

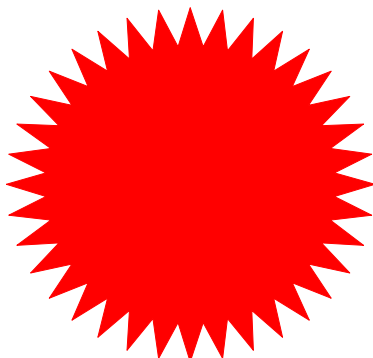
**Installation/Operating Data,  
Required Equipment and Limitations:**

The Installation of a Human External Cargo (HEC) Suspension Line and Personnel Carrying Device System (PCDS) is to be performed, maintained, and operated in accordance with Boost Human External Cargo Systems documents listed in the Eligibility List on Page 2.

This kit is to be used in conjunction with an approved Dual Hook System as prescribed in the compatibility section of the Instructions for Continued Airworthiness.

It is mandatory to comply with the Airworthiness Limitations contained in Chapter 04 of the Instructions for Continued Airworthiness.

(See Continuation Sheet)



**Conditions:** This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the modified product.

DocuSigned by:  
*Mathieu Robert*  
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Mathieu Robert  
For Minister of Transport



NOTE: THIS ADDENDUM SHALL REMAIN PART OF THE CERTIFICATE REFERRED TO THEREIN.

**Installation/Operating Data,  
Required Equipment and Limitations (cont'd):**

ELIGIBILITY LIST			
MAKE	MODEL	CDN / FAA TCDS	REQUIRED APPROVED DATA
Airbus Helicopters Deutschland GmbH	BK117 D-2	H-90 / H13EU	Master Document List MDL-B1017-529, Revision -, dated December 9, 2022* Instructions for Continued Airworthiness ICA-B1017-529, Revision 0, dated December 7, 2022 * Flight Manual Supplement FMS-B1017-529-3, Revision -, dated December 7, 2022 *
Bell Helicopter Textron Inc.	205A, 205A-1	H1SW	Master Document List MDL-B1017-529, Revision -, dated December 9, 2022*
	205B	H-104 / H1SW	Instructions for Continued Airworthiness ICA-B1017-529, Revision 0, dated December 7, 2022 * Flight Manual Supplement FMS-B1017-529-2, Revision -, dated December 6, 2022 *
	212, 412, 412 CF, 412 EP	H-86 / H4SW	Master Document List MDL-B1017-529, Revision -, dated December 9, 2022* Instructions for Continued Airworthiness ICA-B1017-529, Revision 0, dated December 7, 2022 * Flight Manual Supplement FMS-B1017-529-1, Revision -, dated December 6, 2022 *

\* Or later Transport Canada approved/accepted revisions.

**Certification Basis:**

- a. For unaffected areas, the type certification basis of the original product as set forth on type certificates H-86, H-90, H-104 or H1SW remains applicable.
- b. For affected areas, compliance was shown to the Airworthiness Manual (AWM) Chapter 529 – Transport Category Rotorcraft at Change 529-13 published July 13, 2020 (equivalent to 14 CFR Part 29 Amendments 29-0 to 29-57). Affected regulations are:  
14 CFR 29: 29.1 Amdt 29-39, 29.21 Amdt 29-24, 29.25 Amdt 29-51, 29.27 Amdt 29-3, 29.29 Amdt 29-15, 29.301 Amdt 29-0, 29.303 Amdt 29-0, 29.305 Amdt 29-0, 29.307 Amdt 29-30, 29.337 Amdt 29-30, 29.571 (c), (e), (h) Amdt 29-55, 29-601 Amdt 29-0, 29.603 Amdt 29-17, 29.605 Amdt 29-17, 29.609 Amdt 29-0, 29.611 Amdt 29-0, 29.613 Amdt 29-30, 29.625 Amdt 29-42, 29.865 (a), (c)(2), (c)(3), (c)(5), (d), (f) Amdt 29-43, 29.1301 Amdt 29-0, 29.1501 Amdt 29-15, 29.1529 Amdt 29-20 and 29.1581 Amdt 29-15.

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