



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: SR11230SC

This certificate issued to: S-TEC Corporation  
One S-Tec Way  
Mineral Wells, Texas 76067-9236

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 27 of the Federal Aviation Regulations or see TCDS R0001RD.

Original Product – Type Certificate Number: R0001RD  
Make: Airbus Helicopters  
Model: EC120B

Description of Type Design Change:

Installation of HeliSAS Stability Augmentation System and Autopilot (SAS/AP) in accordance with FAA Approved Master Data List, ST-955-MDL-0001, Revision D dated August 08, 2016 or later FAA Approved Revisions and FAA Approved Rotorcraft Flight Manual Supplement, ST-955-RFMS-0001 dated September 09, 2016 or later FAA Approved Revisions.

Limitations and Conditions:

1. The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft.
2. The approval of this modification applies to the above noted rotorcraft model only.  
(See continuation on page 3)

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

Date of Application: January 25, 2016

Date Reissued:

Date of Issuance: October 26, 2016

Date Amended:

*By Direction of the Administrator*

*Signature* \_\_\_\_\_

*Title* S. Frances Cox  
Manager, Delegation Systems Certification Office  
Rotorcraft Directorate, Aircraft Certification Office

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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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: SR11230SC*

**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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# Supplemental Type Certificate

(Continuation Sheet)

Number: SR11230SC

*Limitations and Conditions:*

3. 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.
4. FAA accepted Instructions for Continued Airworthiness, ST-955-ICA-0001 dated June 14, 2016, or later FAA approved revisions must be made available to the operator at the time of installation.
5. FAA approved Rotorcraft Flight Manual Supplement, ST-955-RFMS-0001 dated September 09, 2016 or later FAA-approved revisions, is required on board on the modified aircraft.

*Certification Basis:*

Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for design changes that are not significant in FAA Order 8110.48, the certification basis for the Airbus Helicopters Model EC120B is as follows:

- a. The type certification basis for parts not changed or not affected by the change is shown in TCDS R0001RD.
- b. The modification certification basis for parts changed or affected by this change since the reference application date, January 25, 2016, is based upon Part 27, Amendments 27-1 through 27-33, with later amendments being utilized for 27.1309, 27.1316, 27.1317, and 27.1329.

14 CFR Part	Amdt	14 CFR Part	Amdt	14 CFR Part	Amdt	14 CFR Part	Amdt
27.1 (a)(b)	33	27.305 (a)	0	27.610	21	27.1309(c)	46
27.21 (a)	21	27.307	26	27.611	0	27.1316 (a)	46
27.31	0	27.321	11	27.613	26	27.1317 (a)(b)(c)	42
27.141	21	27.337 (a)	26	27.623	0	27.1322 (e)(d)	11
27.143	21	27.395	26	27.671 (a)(b)	0	27.1329	35
27.151	21	27.397	11	27.674	26	27.1351 (a)	13
27.161	21	27.399	0	27.681(b)	0	27.1357	13
27.171	0	27.561 (a)(b)(c)	32	27.683	0	27.1365	0
27.173	21	27.601	0	27.685	26	27.1367	0
27.175	21	27.603	16	27.771	0	27.1501	14
27.251	0	27.605(a)	16	27.773	0	27.1529	18
27.301	0	27.607	4	27.777(a)	0	27.1541	0
27.303	0	27.609	0	27.1301	0	27.1581 (a)(b)(d)	14

- c. The modification certification basis also includes Special Conditions Number 27-040-SC, dated October 26, 2016

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