United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SR00920DE

This certificate issued to: RSG AeroDesign, LLC
3900 Falcon Way West, Hanger 16S
Fort Worth, TX 76106

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 Federal Aviation Regulations.

Original Product Type Certificate Number: H4SW

Make: Bell

Model: 412EP

Description of Type Design Change:

Installation of Auxiliary Power System in accordance with Document No. 00BL207400005, Master Document List, Auxiliary Power Installation, Revision "-" dated 02/12/2020, FAA approved 7/8/2020 or later FAA approved revision. FAA Approved Flight Manual Supplement, Document No. 10BL207300008, Revision IR dated 2/17/2020, FAA approved 7/8/2020 or later FAA approved revision, is required for this installation. Instructions for Continued Airworthiness (ICA), Document No. 10BL207200007, Revision IR dated 3/27/2020, FAA accepted 7/8/2020, or later FAA accepted revision is required to be made available at installation.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.

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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: 10/10/2017

Date Reissued:

Date of Issuance: 07/09/2020

Date Amended:

By Direction of the Administrator

Signature:

Title: Kreg R. Voorhies, ODA Lead administrator
Cert Works, LLC ODA
ODA No. ODA(AIR)-833887-NM

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: _____

***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: SR00920DE

Limitations and Conditions Continued:
2. 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.
3. Additional FAA approval and substantiation is required for installation of powered electrical or hydraulically driven equipment utilizing this installation.

Certification Basis:
Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Bell 412EP installation of the Auxiliary Power Installation is as follows:
a. The type certification basis for Bell 412EP series rotorcraft is shown on TCDS H4SW for parts not changed or not affected by the change.
b. The certification basis for parts changed or affected by the change since the reference date of application, 10/10/2017, is based upon 14 CFR Part 29, effective February 1, 1965 plus Amendments 29-1 through 29-2, and additional requirements at later amendment level per the TCDS H4SW. Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment;
None

Regulations at an intermediate amendment;
None

Regulations at the amendment level in TCDS H4SW;
14 CFR Sections: 29.29 Amdt. - ; 29.301 Amdt. - ; 29.303 Amdt. - ; 29.305(a) Amdt. - ; 29.307(a) Amdt. - ; 29.337(a) Amdt. - ; 29.341 Amdt. - ; 29.561(a)(b)(3)(c) Amdt. - ; 29.601(a) Amdt. - ; 29.603 Amdt. - ; 29.605 Amdt. - ; 29.607 Amdt. - ; 29.609 Amdt. - ; 29.611 Amdt. - ; 29.613(a-d) Amdt. - ; 29.619(b)(1) Amdt. - ; 29.625(a) Amdt. - ; 29.771(a-c) Amdt. 29-24; 29.773(a) Amdt. 29-57; 29.777 Amdt. - ; 29.853(a) Amdt. 29-23; 29.863 Amdt. - ; 29.1183 Amdt. 29-10; 29.1185(a,c,d) Amdt. - ; 29.1189(a,c,d-f) Amdt. - ; 29.1301(a) Amdt. - ; 29.1301(a-c) Amdt. - ; 29.1301(d) Amdt. - ; 29.1309(a) Amdt. 29-24; 29.1309 (a,c,g,h) Amdt. 29-24; 29.1309(b)(2),(d) Amdt. 29-24; 29.1322 Amdt. 29-12; 29.1337(d) Amdt. - ; 29.1351(a,c) Amdt. 29-14; 29.1351(b)(1,2) Amdt. 29-14; 29.1353(a) Amdt. 29-15; 29.1353(b) Amdt. 29-15; 29.1357(a-d) Amdt. 29-24; 29.1359(c) Amdt. 29-42; 29.1435(a)(1,2,4)(b)(c) Amdt. - ; 29.1435(a) (5,6) Amdt. - ; 29.1501 Amdt. 29-15; 29.1529 Amdt. 29-20; 29.1541 Amdt. - ; 29.1555(a,d) Amdt. 29-24; 29.1581(a,b,d) Amdt. 29-15; 29.1583(a,c,e) Amdt. 29-24; 29.1585(a) Amdt. 29-24; 29.1587(a) Amdt. 29-51

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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).