*United States of America*
*Department of Transportation*
*Federal Aviation Administration*

# *Supplemental Type Certificate*

## *Number:* **ST04667CH**

*This certificate issued to:* Astronics Connectivity Systems and Certification Corp.
804 S. Northpoint Blvd
Waukegan, IL 60085

*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 25 *of* the Federal Aviation Regulations.

*Original Product Type Certificate Number:* A16WE

*Make:* Boeing

*Model:* 737-8 ; 737-800 Series

*Description of Type Design Change:*

Installation of Southwest Airlines Interior Reconfiguration for Extended Leg Room (ELR) Cabin in accordance with Astronics CSC Master Data List, Doc. No. DC104-142007-00, Revision J, dated April 15, 2026, or later FAA-approved revisions.

*Limitations and Conditions:*

1) This STC is applicable to all serial numbers for this Make-Model-Series.
2) The installer must determine whether this design change is compatible with previously approved modifications.
3) 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.

*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:* September 25, 2024

*Date of Issuance:* December 13, 2024

*Date Reissued:*

*Date Amended:* April 14, 2025; October 8, 2025; April 17, 2026

*By Direction of the Administrator*

*Signature:* [redacted]

Brenda L. Litchfield
ODA Administrator

*Title:* Envoy Aerospace, LLC ODA-831240-CE

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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# Supplemental Type Certificate

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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: **ST04667CH**

Date Amended: April 17, 2026

*Certification Basis:*

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for design changes that are identified as not significant in FAA Order 8110.48A, the certification basis for the Boeing 737-8, 737-800 Series aircraft is as follows:

a. The type certification basis for the Boeing 737-8, 737-800 Series aircraft is shown on TCDS A16WE for parts not changed or affected by the change.

b. This certification basis for parts changed or affected by the change since the reference date of application is based upon 14 CFR Part 25 as amended as follows:

**Applicable to Boeing 737-8 aircraft:**

**Applicable regulations at the latest amendment 25-0 through 25-137, 25-141**

| | | |
|---|---|---|
| § 25.29(a)(b) | § 25.609(a) | § 25.813(a)(b)(c)(d) |
| § 25.301(a)(b) | § 25.611(a) | § 25.815 |
| § 25.303 | § 25.613(a)(b) | § 25.817 |
| § 25.305(a)(b)(c) | § 25.619(a)(b)(c) | § 25.853(a)(c) |
| § 25.307(a) | § 25.625(a)(d) | § 25.1301(a)(1)-(4) |
| § 25.561(a)(b)(c) | § 25.785(a)(b)(c)(d)(2) | § 25.1309(a)(b) |
| § 25.562(a)(b)(c) | § 25.785(f)(1)(3)(i)(j)(k) | § 25.1447(a)(c) |
| § 25.601 | § 25.787(a)(b) | § 25.1529 |
| § 25.603(a)(b)(c) | § 25.789(a) | § 25.1541(a)(b) |
| § 25.605(a) | § 25.791(a)(b)(e) | |

**Applicable 14 CFR Part 26 regulations at the latest amendment 26-0 through 26-7**

Based on 14 CFR § 21.101(g), applicable provisions of 14 CFR Part 26 are included in the certification basis. For any future 14 CFR Part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the latest amendment date of this STC, compliance has been found for the following regulations: 14 CFR § 26.11(c) [Amdt. No. 26-7]; § 26.47(c) [Amdt. No. 26-7]. This modification does not affect or create fatigue critical baseline structure.

**Equivalent Level of Safety**

ELOS Memorandum # PS12-0038-C-1-1; 14 CFR Part 25 25.813(c)(1)(i), 25.813(c)(2)(i) [Amdt 25-88]; Equivalent Level of Safety (ELOS) Finding for the Passageway to and Opening of Overwing Exits for Boeing Models 737-7/-8/-9/-8200/-10 Airplanes

**Special Conditions**

25-358-SC, Special Conditions: Boeing Model 737 Series Airplanes; Seats With Non-Traditional, Large, Non-Metallic Panels [Docket No. NM359].

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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# Supplemental Type Certificate

(Continuation Sheet)

Number: **ST04667CH**

Date Amended: April 17, 2026

**Applicable to Boeing 737-800 Series aircraft:**

**Applicable regulations at the latest amendment 25-0 through 25-77, as amended by TCDS A16WE**

| | | |
|---|---|---|
| § 25.29(a)(b) | § 25.609(a) | § 25.813(a)(b)(c)(d) |
| § 25.301(a)(b) | § 25.611 | § 25.815 |
| § 25.303 | § 25.613(a)(b) | § 25.817 |
| § 25.305(a)(b)(c) | § 25.619(a)(b)(c) | § 25.1301(a)(b)(c)(d) |
| § 25.307(a) | § 25.625(a)(d) | § 25.1309(a)(b) |
| § 25.561(a)(b)(c) | § 25.785(a)(b)(c)(d)(2) | § 25.1447(a)(c)(1) |
| § 25.562(a)(b)(c) | § 25.785(f)(1)(3)(i)(j)(k) | § 25.1529 |
| § 25.601 | § 25.787(a)(b) | § 25.1541(a)(b) |
| § 25.603(a)(b)(c) | § 25.789(a) | |
| § 25.605(a) | § 25.791(a)(b)(e) | |

**Applicable 14 CFR Part 25 regulations at other amendment levels**

§ 25.853(a)(c) [Amdt 25-116].

**Applicable 14 CFR Part 26 regulations at the latest amendment 26-0 through 26-7**

Based on 14 CFR § 21.101(g), applicable provisions of 14 CFR Part 26 are included in the certification basis. For any future 14 CFR Part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the latest amendment date of this STC, compliance has been found for the following regulations: 14 CFR § 26.11(c) [Amdt. No. 26-7]; § 26.47(c) [Amdt. No. 26-7]. This modification does not affect or create fatigue critical baseline structure.

**Equivalent Level of Safety**

ELOS Memorandum # TD8301SE-T-C-1; 14 CFR Part 25 25.813(c)(1)(i), 25.813(c)(2)(i) [Amdt 25-77]; Equivalent Level of Safety (ELOS) Finding for the Passageway to and Opening of Overwing Exits for Boeing 737-600, -700, -700C, -800, -900 Series Aircraft.

**Special Conditions**

25-358-SC, Special Conditions: Boeing Model 737 Series Airplanes; Seats With Non-Traditional, Large, Non-Metallic Panels [Docket No. NM359].

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