United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST00224MC

This certificate issued to: StandardAero Business Aviation Services, LLC
1200 North Airport Drive
Springfield, Illinois 62707

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: The Boeing Company

Model: 737-700 Series

Description of Type Design Change:

Replacement of an Elevator Feel Computer Drain Line in accordance with FAA or ODA approved Master Data List E549MR0100 Revision (B), dated 26 JULY 2023 or later FAA or ODA Approved Revision.
(See Continuation Sheet)

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
(See Continuation Sheet)

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: March 13, 2023 *Date Reissued:*

Date of Issuance: July 26, 2023 *Date Amended:*

By Direction of the Administrator

Signature: [redacted]

Dan Trigg, ODA Administrator
StandardAero, Springfield, Illinois
Title: ODA-100079-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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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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Description of Type Design Change - cont.

The aircraft must be maintained in accordance with FAA accepted Instructions for Continued Airworthiness, E549MR5407-A005 Rev E, dated 4 JULY 2023, or later FAA or ODA Accepted Revision in addition to the basic airplane maintenance manuals:

Limitations and Conditions - cont.

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. This STC is applicable to the serial numbers below for The Boeing Company 737-700 Series aircraft.

29971	32916	33500	34809
30753	33080	34807	40706
30755	33434	34808	

Certification Basis - cont.

Based on 14 CFR §§ 21.101, 21.115 and the FAA policy for significant changes in FAA Order 8110.48A, the certification basis for The Boeing Company 737-700 Series aircraft Replacement of an Elevator Feel Computer Drain Line is as follows:

a. The type certification basis for The Boeing Company 737-700 Series is shown on TCDS A16WE 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, March 13, 2023, is based upon TCDS A16WE. Based on 14 CFR § 21.101, 21.115 and the FAA policy for significant changes in FAA Order 8110.48A, the certification basis for this modification was determined to be:

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).

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Certification Basis - cont.

Regulations at the amendment level in TCDS A16WE:

25.1(a,b)[Original], 25.301(a,b)[25-23], 25.303(-)[25-23], 25.305(a,b)[25-86], 25.307(a)[25-72], 25.561(a,b)[Original], 25.571(a)[25-72], 25.571(b)[25-86], 25.601(-)[Original], 25.603(a-c)[25-46], 25.605(a)[25-46], 25.609(a,b)[Original], 25.611(-)[25-23], 25.613(a,b)[25-72], 25.625(a)[25-72], 25.863(a,b(1))[25-46], 25.1301(a-c)[Original], 25.1309(b)[25-41], 25.1529(-)[25-54].

14 CFR Part 26 Regulations:

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 issuance date of this STC, compliance has been found for the following regulations 14 CFR §§ 26.11(c) [26-0].

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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).