



United States of America
Department of Transportation
Federal Aviation Administration
Supplemental Type Certificate

Number: ST12459AT

This certificate issued to: Avionics Support Group
13155 SW 132 Avenue
Miami, FL 33186

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

Make: The Boeing Company

Type Certificate Number: A6WE

Model: 717-200

Description of Type Design Change:

Installation of Localizer Performance with Vertical Guidance (LPV) functionality for 717-200 aircraft equipped with a Dual Collins Aerospace GLU-2100 Multi Mode Receivers - Wiring Provisions Only, in accordance with ASG Master Data List 224096-MDL Revision H, dated August 12, 2026 or later FAA approved revision.

Instructions for Continued Airworthiness 224096-ICA Revision A dated July 21, 2026 or later FAA accepted revision shall be made available to the operator at the time of installation.

Limitations and Conditions:

See Continuation Sheet Page 3

This certificate and the supporting data which is the basis for approval must 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: 07/26/2024

Date Reissued:

Date of Issuance: 08/27/2026

Date Amended:

see continuation sheet for additional dates

By Direction of the Administrator

Signature: *Anthony B White*
Digitally signed by
ANTHONY B WHITE
Date: 2026.08.27
14:10:56 -04'00'

Title: (for) Michael P. Linegang
Manager, East Certification Branch
Compliance and Airworthiness Division
Aircraft Certification Service

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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Limitations and Conditions :

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. 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.

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 Boeing 717-200 airplanes is as follows:

- a. The type certification basis for Boeing 717-200 airplanes is shown on TCDS A6WE 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, July 26, 2024, is based upon part 25 as amended by Amendment 25-151. 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 :

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Certification Basis (Continued) :

Regulations at the latest amendment 25-0 through 25-151

§25.29	§25.771(a)	§25.773(a)	§25.777(a)(c)	§25.869(a)(1)(3)	§25.981(d)
§25.1301(a)(1-4)	§25.1307(c)	§25.1309	§25.1322	§25.1353(a)	
§25.1360(a)(b)	§25.1431(a)(c)	§25.1529	§25.1541(a)	§25.1581	
§25.1729	§H25.1	§H25.4	§H25.5		

14 CFR Part 26 Regulations

Referencing §26.11(d), the Applicant has elected to reference §25.1729 which accomplishes the intent of §26.11 regarding requirements for EWIS Instructions for Continued Airworthiness.

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