



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST02786AT

This certificate issued to: Aircraft Radio & Avionics, LLC
5415 NW 36th Street
Miami Springs, FL 33166

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 46 of the Civil Air Regulations.

Original Product – Type Certificate Number: A3WE

Make: Boeing

Model: 727-200 Series

Description of Type Design Change: Installation of Universal Avionics System Corporation (UASC) Terrain Awareness and Warning System (TAWS) and Multifunction Display (MFD) System used as a Weather Radar (WXR), TAWS and Traffic Alert and Collision Avoidance (TCAS) Traffic Advisory (TA) display in accordance with ARC Avionics Master Drawing List (MDL) No. ARC-TAWS.001-MDL, Rev. F, Dated February 05, 2004, or later FAA approved revision.

Limitations and Conditions: FAA Approved Flight Manual Supplement (AFMS) for Boeing 727-200 Series Aircraft with UASC TAWS and MFD, ARC Avionics Document No. ARC-TAWS.001-AFM-1, Rev. B, Dated June 29, 2004, is a required part of this STC. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. 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.

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: March 21, 2002

Date Reissued: May 23, 2017, July 27, 2017

Date of Issuance: January 29, 2004

Date Amended: June 29, 2004

By Direction of the Administrator

Signature

Title Christina Underwood, Manager
Atlanta 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).