



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST04266AT

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 25 of the Federal Aviation Regulations.

Original Product – Type Certificate Number: A16WE

Make: Boeing

Model: 737-300,-400 and -500 Series

Description of Type Design Change: Installation of Universal Avionics UNILINK-801 data Link system (TSO-C16, DO-178B level D) in accordance with FAA approved ARC Avionics Master Drawing list Document No. 710-061313, Revision "F", dated June 9, 2016, or later FAA approved revisions. The installation includes the UNILINK-801 computer in the E&E Bay interfaced with the existing Universal Avionics dual UNS-1FW FMS (installed by a previous FMS STC) and the pilots will use the FMS CDU's to perform Data Link functions. The installation also includes a single VHF antenna, pilot and co-pilot annunciator lights (one each), a single SONALERT alarm in the pilot overhead panel, and a Cockpit Voice Recorder upgrade for recording CPDLC.

Limitations and Conditions: "This installation is limited to aircraft with Universal Avionics Dual UNS-1F or UNS-1FW FMS system installed per STC ST03362AT. Approved Flight Manual Supplement, ARC Avionics 732-061313, Revision IR, dated June 8, 2016, or later FAA approved revisions, is part of this STC. Apply ARC Avionics' Instructions for Continued Airworthiness 740-061313, Revision C, dated May 30, 2015, or later FAA approved revisions, for maintenance and inspections..."

(See continuation sheet 3 of 3)

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: November 15, 2013

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

Date of Issuance: June 09, 2016

Date Amended:

By Direction of the Administrator

Signature

Title (for) Christina M. 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).



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Supplemental Type Certificate
(Continuation Sheet)
ST04266AT

Date of Issuance: June 09, 2016
Date Reissued: May 23, 2017, July 27, 2017

Limitations and Conditions (Continued): "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."

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 parts changed or affected by the change since the reference date of application, November 15, 2013, is based upon 14 CFR Part 25 as amended by Amendment 25-132. Based on Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-132

§21.93 (b)(1), Amdt. 21-81	§25.23 (a), Orig.	§25.301 (a), Amdt. 25-23
§25.303, Amdt. 25-23	§25.305 (a), Amdt. 25-86	§25.307 (a), Amdt. 25-72
§25.603, Amdt. 25-46	§25.605, Amdt. 25-46	§25.609 (a), Orig.
§25.611, Amdt. 25-123	§25.613 (a)(b)(c), Amdt. 25-112	§25.625 (a), Amdt. 25-72
§25.629, Orig.	§25.863 (a), Amdt. 25-46	§25.869 (a)(3), Amdt. 25-123
§25.1301, Amdt. 25-123	§25.1307, Amdt. 25-72	§25.1309, Amdt. 25-123
§25.1321 (a)(b), Amdt. 25-41	§25.1322, Amdt. 25-131	§25.1351 (a)(1), Amdt. 25-72
§25.1353 (a)(c), Amdt. 25-123	§25.1357(a)(b)(c)(d)(e), Amdt. 25-123	§25.1381, Amdt. 25-72
§25.1431, Amdt. 25-113	§25.1457, Amdt. 25-124	§25.1501 (a)(b), Amdt. 25-42
§25.1519, Orig.	§25.1529, Amdt. 25-54	§25.1541, Orig.
§25.1581, Amdt. 25-72	§25.1585 (a)(b), Amdt. 25-105	

14 CFR Part 36 regulations: Based on 14 CFR §21.93(b)(1) (Amdt 21-81), No Acoustical Change has been found for the 14 CFR Part 36 noise levels regulations.

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 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 (Amdt 26-0), §26.47 (Amdt 26-1).

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