



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: SA03681AT

This certificate issued to: Aircraft Radio & Avionics, LLC  
5415 NW 36<sup>th</sup> 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 23 of the Federal Aviation Regulations.*

**Original Product – Type Certificate Number:** A37CE

**Make:** Cessna

**Model:** 208 Series

*Description of Type Design Change:* Installation of the Honeywell KTA 870 Traffic Advisory System (TAS) on all Cessna 208 series aircraft. Installation consists of Bendix King KTA 810 TAS processor, Bendix King KCM 805 configuration module, Bendix King KA 815 directional antenna and DM Antenna Technologies NI50-9-2 omni-directional antenna. Traffic information will be displayed on the Bendix King KMD 550 Multifunction display. This installation is in accordance with Master Data List 750-022508, Rev A dated September 30, 2008 or later FAA approved revisions.

*Limitations and Conditions:* 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. FAA approved Airplane Flight Manual Supplement 730-022508 Rev-I/R, dated March 20, 2009, or later FAA Approved revision is part of this STC.

*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: September 24, 2007

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

Date of Issuance: March 20, 2009

Date Amended:

By Direction of the Administrator

Signature

(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)

Number: SA03681AT

Date of Issuance: March 20, 2009  
Date Reissued: May 23, 2017, July 27, 2017

*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, September 24, 2007, is based upon the following Title 14 Part 23 Code of Federal Regulations and amendments:

§23.301 (a)(b)(c), Amdt. 23-48	§23.303, Orig.	§23.305 (a)(b), Amdt. 23-45
§23.307 (a), Orig.	§23.365 (a)(b)(c)(d)(e), Orig.	§23.561 (a)(b)(c)(d), Amdt. 23-48
§23.601, Orig.	§23.603 (a), Amdt. 23-23	§23.605 (a)(b), Amdt. 23-23
§23.607 (a)(b)(c), Orig.	§23.609 (a), Orig.	§23.611, Orig.
§23.613 (a)(b)(c)(d)(e), Amdt. 23-45	§23.867 (b), Amdt. 23-7	§23.1301 (a)(b)(c)(d), Amdt. 23-20
§23.1307, Amdt. 23-49	§23.1309 (a)(b)(c)(d)(e)(f), Amdt. 23-49	§23.1321 (a)(b)(c)(d), Amdt. 23-49
§23.1322 (a)(b)(c)(d), Amdt. 23-43	§23.1331 (a)(b), Amdt. 23-20	§23.1351 (a), Amdt. 23-49
§23.1353 (a)(b)(d), Amdt. 23-49	§23.1357 (a)(b)(c)(d)(e), Amdt. 23-43	§23.1431 (a)(b)(c)(d), Amdt. 23-49
§23.1501 (a)(b), Amdt. 23-21	§23.1519, Orig.	§23.1529, Amdt. 23-26
§23.1541, Amdt. 23-21	§23.1581 (a)(b)(d), Amdt. 23-50	§23.1585 (a)(b), Amdt. 25-105

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