



U.S. Department
of Transportation
**Federal Aviation
Administration**

Small Airplane Directorate
Aircraft Certification Office
1701 Columbia Avenue
Atlanta, GA 30337

FAA Correspondence #: 119A-15040-01

Please include the FAA Correspondence # to any correspondence associated with this project. Thank You

February 09, 2015

Mr. Hoss Motlagh
Chief Engineer, Certification
Southern Aviation Parts and Services
123 Westside Blvd.
Pooler, GA 31322

Dear Mr. Motlagh:

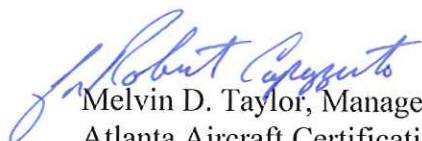
We have completed our evaluation of your Supplemental Type Certificate (STC) project, FAA Project Number ST14781AT-T, and find that you have satisfactorily demonstrated compliance with the applicable certification regulations. Accordingly, we have enclosed STC ST04193AT which indicates our approval of the installation of the Aviation Clean Air Ionization unit (ACA-RN-0001) installed into a Boeing Business Jet, Model 737, S/N 29142.

This STC is official Federal Aviation Administration (FAA) approval of your modification and may be used to authorize identical modifications on other aircraft of the same model, subject to the limitations noted on the certificate. It may be transferred or otherwise made available to another party by means of a licensee arrangement in accordance with Federal Aviation Regulation (FAR) 21.47. 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. You are required to advise this office within 30 days after the transfer when you transfer or grant licensee rights to the STC in order that we may take the necessary recording or reissuance action.

As recipient of this approval, except as provided in FAR 21.3(d), you are required to report any failure, malfunction, or defect in any product or part manufactured by you that you have determined has resulted or could result in any of the occurrences listed in FAR 21.3(c). The report should be communicated initially by telephone to the Manager, Atlanta Aircraft Certification Office, telephone number (404) 474-5500, within 24 hours after it has been determined that the failure has occurred. In addition, written notification to the Certification Office, at the above address is required. FAA Form 8010-4 (Malfunction or Defect Report) or any other appropriate format is acceptable in transmitting the required details.

Please contact Mr. Randy Avera of this office for any questions or further discussion at (404) 474-5588.

Sincerely,

A handwritten signature in blue ink, appearing to read "Melvin D. Taylor".

Melvin D. Taylor, Manager
Atlanta Aircraft Certification Office

cc: ACE-100, Atlanta MIDO, ACE-119A



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST04127AT

This certificate issued to: Southern Aviation Parts and Services
123 Westside Blvd.
Pooler, GA 31322

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: 737-75T

Description of Type Design Change: This is the installation in a Boeing Business Jet, Boeing 737-75T. Serial Number 29142, of ACA Ionization Electronic Units in the Air Gasper System per Master Data List, BBJ29142-MDL-2500001, Revision NC, dated October 27, 2014, or later FAA approved revisions.

Limitations and Conditions:

(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: October 3, 2014

Date Reissued:

Date of Issuance: February 5, 2015

Date Amended:

By Direction of the Administrator

Signature Robert Capozzuto

Title Melvin D. Taylor, 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).



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number: ST04127AT

Date of Issuance: February 4, 2015

Date Amended:

Limitations and Conditions (Continued): This approval is limited to the Boeing 737-75T, Serial Number 29142, configured in a Boeing Business Jet (BBJ) configuration. This installation 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.

Instructions for Continued Airworthiness (ICA), Aviation Clean Air (ACA), BBJ29142-ICA-2500001, Revision NC, dated 10/29/2014 or later FAA approved revisions must be made available to the operator at the time of installation.

You cannot use descriptive data about this design change to duplicate other products. This approval is limited to only the installation made in a Boeing 737-75T, Serial Number 29142. This STC does not permit manufacturing of parts for multiple installations.

There were no Airplane Flight Manual Supplement changes resulting from this modification.

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 the Boeing 737-75T, Boeing Business Jet, S/N 29142 is as follows:

- a. The type certification basis for Boeing Model 737 airplanes is shown on TCDS A16WE for parts not changed or affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of application, October 3, 2014, is based upon 14 CFR Part 25 as amended by Amendment 25-72. Based on Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-72

- §25.601, Amdt. 25-46
- §25.603(a)(b)(c), Amdt. 25-46
- §25.605(a), Amdt. 25-72
- §25.609(a)(1)(2)(3)(b), Amdt. 25-23
- §25.611, Amdt. 25-23
- §25.613, Amdt. 25-72

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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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).