

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

Number ST510SO

This certificate, issued to

Avitas Engineering
Miami, FL 33126

Added Notes at Surrender:

1. Future unsafe conditions existing in the product can result in an airworthiness directive requiring correction of the unsafe condition before further flight. If there is no entity to comply with 14 CFR 21.99(a), Required design changes, the existence of an unsafe condition might result in permanently grounding of the aircraft.
2. Replacement parts might not be available in the future.

certifies that the change in the type design for the following product with the limitations and conditions

therefor as specified hereon meets the airworthiness requirements of Part 4b of the Civil Air

Regulations, dated December 1953 and amendments 4b-1 thru 4b-11 and SR-422B.

Original Product — Type Certificate Number: A3WE

Make: Boeing

Model: 727-25/-25C/-225

STC Surrender processed:

Approval by: *Melvin Taylor*
Melvin Taylor, ATL ACO Manager

Date: 1/6/2010

Description of Type Design Change:

Installation of a dual HF Communications system using a vertical fin leading edge slotted antenna per the Master Drawing List in Eastern Air Lines Engineering Report E-684, Revised April 22, 1974, and December 1, 1977.

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 of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that airplane.

This certificate and the supporting data which is the basis for approval shall 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: 12/14/71

Date reissued: 6/5/92

Date of issuance: 6/10/72

Date amended: 9/11/74; 1/13/78



By direction of the Administrator

John Tighe
John Tighe (Signature)
Manager, Atlanta Aircraft
Certification Office

(Title)

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 in accordance with FAR 21.47.