

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

Number SA1350NM

This certificate issued to DTAA INC.
101 Dear Meadow CT.
St Charles, MO 63304

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 4b of the Civil Air Regulations.

Original Product -- Type Certificate Number : A3WE
Make : Boeing
Model : 727-200 Series

Description of Design Change:

Installation of an 2777 gallon auxiliary fuel system consisting of 1565 gallon forward tank system in the forward cargo compartment and a 1212 gallon aft tank system in the aft cargo compartment in accordance with Winters FAA approved Master Drawing List 2800050, Revision U, dated 08/04/82 or later FAA approved revision. FAA approved Airplane Flight Manual Supplement, Winters Supplement FMS1072, dated 11/19/82 or later FAA approved revision is part of this installation.

Limitations and Conditions:

The conditions and limitations of the Type Certificate Data Sheet A3WE apply except as outlined on page 3 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."

(See continuation sheet)

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 : September 15, 1981

Date reissued : May 03, 2000; April 05, 2006

Date of issuance : May 21, 1982

Date amended : December 21, 1982; February 16, 2006



By direction of the Administrator

(Signature)

Melvin D. Taylor
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.

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 (Continuation Sheet)

Number

Date of Issuance: May 21, 1982
 Date Amended: February 16, 2006
 Date reissued April 05, 20006

Boeing 727-200 Series aircraft. See Note below:

NOTE: It was discovered that some Boeing 727-200 series serial numbers have an additional air conditioning duct located inside a cavity where an STC SA1350NM auxiliary fuel hose and shroud are to be routed. An alteration to this STC required an additional alteration to the aircraft requiring FAA design, installation and airworthiness approvals. There may be other unknown conditions on certain serial number airplanes that affect incorporation of this STC.

Maximum Cabin and
 Cargo Loading:

See Winters Weight and balance supplement, WAEC Report 1071
 Revision D.

	<u>Tank</u>	<u>Gallons</u>	<u>Pounds*</u>	<u>Arm - in</u>
Auxiliary				
Fuel Capacity:	Forward	1,565.0	10,485.5	+ 577.9
	Aft	1,212.0	8,120.4	+1037.1
Unusable Auxiliary	Forward	.75	5	+ 487.9
Fuel Capacity:	Aft	---	--	+1014.8

* Fuel weights based on fuel density of 6.7 lb./gal.

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