

United States of America  
Department of Transportation -- Federal Aviation Administration

# Supplemental Type Certificate

*Number* SA2955SO

*This certificate, issued to*

Ontic Engineering and Manufacturing  
20400 Plummer Street  
Chatsworth, CA 91311

*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:* A22WE  
*Make:* McDonnell Douglas  
*Model:* DC-10-10-10, -30, -30ER, -40

*Description of Type Design Change:* Replacement of existing electromechanical fuel quantity indicators with Smiths Industries digital fuel quantity indicators in accordance with Smiths Industries drawing number 0066-ED Revision G dated October 24, 1995, or later FAA Approved revision.

*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 produce no adverse effect upon the Airworthiness of that airplane. FAA Approved Airplane Flight manual Supplement, dated 5/22/91, is a required part of this STC.

*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:* July 23, 1990

*Date reissued:* March 04, 2008; February 14, 2014

*Date of issuance:* November 14, 1995

*Date amended:* May 31, 1996



*By direction of the Administrator*

(Signature)

Steven L. Lardinois  
Manager, Systems and Flight Test Branch  
Chicago 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.