

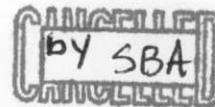
9103

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

Number ST00236LA-D

This certificate, issued to

Santa Barbara Aerospace, Inc.
495-B South Fairview Avenue
Santa Barbara, CA 93117



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 25 of the Federal Aviation Regulations.

Original Product — Type Certificate Number: A22WE
Make: McDonnell Douglas
Model: MD-11

Description of Type Design Change:

Installation of Interactive Flight Technologies Entertainment System per Hollingsead International Master Data List 12003-501 Revision D Dated January 24, 1997, or Hollingsead International Master Data List 12003-503 Revision A Dated July 28, 1997, or Subsequent FAA Approved Revisions.

Limitations and Conditions:

The installation of passenger seats and all other aspects of cabin interior arrangement are NOT approved by this STC, and must be approved separately. This approval should not be incorporated on any certificated product of this model on which other approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those other previously incorporated modifications will not introduce any adverse effect upon the airworthiness of the certified product. A copy of this STC must be included in the permanent records of the modified aircraft. All of the above interior furnishings have been demonstrated to meet the flammability requirements of FAR 25.853(b) (Amendment 25-32) and 25.1359(d) (Amendment 25-32).

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: August 9, 1996

Date issued:

Date of issuance: November 19, 1996

Date amended: December 18, 1996, January 24, 1997
February 3, 1997, March 11, 1997
August 7, 1997

By direction of the Administrator



Glen Mills
Glen Mills (Signature)
DAS Coordinator
Santa Barbara Aerospace DAS14NM

(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.