

# Supplemental Type Certificate

*Number* ST00703LA

*This Certificate issued to* Teledyne Controls  
501 Continental Boulevard  
El Segundo, CA 90245

*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.*

*\*for certification basis see TCDS A20WE*

*Original Product Type Certificate Number:* A20WE

*Make:* Boeing

*Model:* 747-400 Series

*Description of Type Design Change:* Installation of Aircraft Communications, Addressing and Reporting System (ACARS) in accordance with FAA Approved Teledyne Controls' Master Data List No. MDL 2231500-2A, Revision (-), dated April 29, 1998, or later FAA approved revisions. Teledyne Controls' FAA Approved Airplane Flight Manual Report No. TDY-ACARS-747-KLM-1, dated November 6, 1998, or later FAA approved revisions is required as part of this installation.

*Limitations and Conditions:* This installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. 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.

*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:* January 21, 1998

*Date reissued:* October 4, 2012

*Date of issuance:* November 6, 1998

*Date amended:*

*By direction of the Administrator*



(Signature)

Haifa Haj-Eid  
Supervisor, Technical and Administrative Support Staff  
Los Angeles Aircraft Certification Office

(Title)

United States Of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

NOTE:

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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.*