

# Supplemental Type Certificate

*Number* ST00411LA

*This Certificate issued to* Aviation Communication & Surveillance Systems  
19810 North 7<sup>th</sup> Avenue  
Phoenix, Arizona 85027-4400

*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 FAR 25 of the Federal Aviation Regulations. \* (for Certification basis see T. C. Data Sheet A20EW)*

*Original Product Type Certificate Number:* A20WE

*Make:* Boeing Aircraft Company

*Model:* B747-400 Series

*Description of Type Design Change:* Installation of Honeywell Traffic Alert and Collision Avoidance System (TCASII) in accordance with FAA approved Air New Zealand Master Drawing List TX30031 Revision "A", dated June 26, 1996, or later FAA approved revision.

For appropriate FAA approved Airplane Flight Manual Supplement refer to associated section of the Air New Zealand Master Drawing List Document.

*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:* October 19, 1995

*Date reissued:* August 16, 2005

*Date of issuance:* July 8, 1997

*Date amended:*



*By direction of the Administrator*

\_\_\_\_\_  
(Signature)  
Manager, Technical & Administrative Support  
Staff, Los Angeles Aircraft Certification Office  
(Title)