

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

*Number* SA183NE

*This certificate issued to* Honeywell International, Inc.  
111 S. 34<sup>th</sup> Street  
Phoenix, AZ 85034

*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:* A21EA

*Make:* Canadair

*Model:* CL-600-1A11

*Description of Type Design Change:*

Installation of AVCO Lycoming Model ALF502L-2C engines in accordance with "Installation Procedures Manual ALF502L-2C Turbofan Challenger Maintenance Manual, Product Support Publication No. 602, Section 71-00-00, dated November 28, 1980; and applicable sections of Lycoming Document 124.90 "Installation Instructions ALF502L-2C Series Turbofan Engines", issued August 1, 1983. Intermixing of engine Models ALF502L-2 and ALF502L-2C is permissible when accomplished in accordance with Lycoming Document No. LYC 83-45 Rev. 2, July 6, 1984.

*Limitations and Conditions:*

1. AVCO Lycoming Airplane Flight Manual Supplement No. 1 Rev. 2 FAA Approved August 28, 1986, is required.
2. The Installer must determine whether this design change is compatible with previously approved modifications.
3. If the holder agrees to permit another person to use this certificate to alter a product, the holder must 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:* August 16, 1983

*Date reissued:* November 1, 2007

*Date of issuance:* October 5, 1983

*Date amended:* July 10, 1984  
August 28, 1986



*By direction of the Administrator*

(Signature)

Anthony Socias  
Manager  
New York 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.