

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

**IMPORT**  
*Number* **ST03076NY**

*This certificate issued to* Bombardier Shorts Brothers, PLC  
Box 241, Airport Road  
Belfast, Northern Ireland  
BT3 9DZ; United Kingdom

*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:* A28NM  
*Make:* AIRBUS  
*Model:* A319, A320, A321 Series

*Description of Type Design Change:*

1. Installation of Resin Transfer Infusion (RTI) monolithic carbon fiber fan cowl doors on Airbus A319/A320/A321 aircraft equipped with V2500 engine nacelles per Bombardier Shorts Brothers Master Data List Doc. SB-V33S-037, Rev.H, dated March 10, 2010.
2. The following Bombardier Shorts Brothers Maintenance Instructions are required for this installation:
  - Instructions for Continued Airworthiness document No. 71-13-01-ica, Rev.0, dated October 01, 2011.
  - Component Maintenance Manual with Illustrated Parts List and Continued Airworthiness Instructions document No. 71-13-01, Rev.3, dated November 01, 2010

*Limitations and Conditions:*

1. The installer must determine whether this design change is compatible with previously approved modifications.  
(See Continuation Sheet 2 of 2)

*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:* May 04, 2010

*Date reissued:*

*Date of issuance:* March 14, 2012

*Date amended:*



*By direction of the Administrator*

(Signature)

Timothy Hadsall  
Acting 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.

# Supplemental Type Certificate

(Continuation Sheet)

*Number* **ST03076NY**

Date of Issuance: March 14, 2012

*Limitations and Conditions* (Continued):

2. If the holder agrees to permit another person to use the certificate to alter a product, the holder must give the other person written evidence of that permission.

*Certification Basis:*

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the changed AIRBUS A319/A320/A321 series aircraft as described in this certificate is as follows:

- a. The type certification basis for AIRBUS A319/A320/A321 series airplanes shown on TCDS No.A28NM (Rev.11) for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by the change since the reference date of application, May 04, 2010, the STC holder has elected to comply with the certification basis shown on TCDS No.A28NM (Rev.11) except for the following sections that are standing at a higher amendment level:

§25.305 (Amdt.25-86)	§25.903(d)(1) (Amdt.25-100)
§25.307 (Amdt.25-72)	§25.1181 (Amdt.25-115)
§25.571 (Amdt.25-96)	§25.1185 (Amdt.25-94)
§25.611 (Amdt.25-123)	§25.1301 (Amdt.25-123)
§25.613 (Amdt.25-112)	§25.1309 (Amdt.25-123)
§25.625 (Amdt.25-72)	§25.1316 (Amdt.25-80)
§25.899 (Amdt.25-123)	§25.1317 (Amdt.25-122)

*Part 26 Regulations:*

Based on 14 CFR § 21.101(g), applicable provisions of part 26 are included in the certification basis. For any future part 26 amendments, the holder of this STC must demonstrate compliance with applicable sections. As of the issuance date of this STC, compliance has been found to the following regulations:

- 14 CFR 26.11(a)(c)(d5), Amdt. 26-0
- 14 CFR 26.47(a)(c)(d)(e), Amdt. 26-1

.....**END**.....