

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

*Number* ST03149CH

Reissued on April 19, 2013 to supersede the original STC, which has been lost or misplaced.

*This certificate issued to* FedEx Express  
7661 N. Perimeter Road, Suite H  
Indianapolis, IN 46241

*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.* (See page 3 of 3 for complete certification basis).

*Original Product--Type Certificate Number :* A41EU  
*Make :* SHORT BROTHERS PLC.  
*Model :* SD3-60

*Description of Type Design Change:*

Installation of sensor mounting support structures on the nose of the Shorts SD3-60 model aircraft in accordance with FedEx EXPRESS Master Drawing List Report No. HAAS-052010-001, Revision G, dated June 19, 2011 or later FAA approved revision.

*Limitations and Conditions:*

1. The FAA has not evaluated the modification or equipment for proper operation of its intended function. You must obtain additional FAA approval to install this equipment. The FAA must evaluate the installation to ensure it complies with the applicable airworthiness standards.
2. FAA Accepted Instructions for Continued Airworthiness, Report No. 10-114, Revision D, dated August 07, 2012, this revision or later FAA accepted revision is required for this modification.
3. The installer must determine whether this design change is compatible with previously approved modifications.
4. 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 :* September 09, 2009

*Date reissued :* April 19, 2013

*Date of issuance :* December 07, 2012

*Date amended :*



*By direction of the Administrator*

*Original Signed By:*  
Karol Mordasiewicz

(Signature)

Karol Mordasiewicz  
Manager, Airframe & Administrative Branch  
Chicago Aircraft Certification Office

(Title)

United States of America  
Department of Transportation - Federal Aviation Administration

**Supplemental Type Certificate**  
(Continuation Sheet)

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*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 modified SHORT BROTHERS PLC SD3-60 series is as follows:

- a. The type certification basis for the SHORT BROTHERS PLC SD3-60 series aircraft is shown on TCDS A41EU for parts not changed or not affected by this change.
- b. The certification basis for the parts changed or affected by this change since the reference date of application, September 09, 2009, is shown on TCDS A41EU. In addition, the applicant has complied with 14 CFR Part 25 as amended by Amendment 25-102, 14 CFR part 26 as amended by Amendment 26-3 and 14 CFR part 36 as amended by Amendment 36-12.

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 this modification was determined to be:

**Regulations at the latest amendment 25-0 through 25-102**

14 CFR §§ 25.869, 25.981, 25.1529

**Regulations at the amendment level in TCDS A41EU**

14 CFR §§ 25.21, 25.23, 25.25, 25.27, 25.29, 25.121, 25.123, 25.143, 25.201, 25.251(b), 25.301, 25.303, 25.305, 25.307, 25.561, 25.581, 25.601, 25.603, 25.605, 25.607, 25.609, 25.611, 25.613, 25.619, 25.623, 25.625, 25.1501, 25.1541, 25.1557(a)

**14 CFR Part 26 regulations**

Based on 14 CFR § 21.101(g), applicable provisions of 14 CFR part 26 are included in the certification basis. For any future 14 CFR part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the issuance date of this STC, compliance has been found for the following regulations 14 CFR § 26.11(c), (Amdt. No. 26-0 through 26-3).

**14 CFR Part 36 regulations at the amendment level in TCDS A41EU**

14 CFR §§ 36.1, 36.3, 36.7, 36.101, 36.103

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