

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

*Number* **ST02201NY**

*This certificate issued to*

Lufthansa Technik AG  
Weg beim Jäger 193  
D-22335  
Hamburg, Germany

*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.*

*Original Product -- Type Certificate Number:* A28NM

*Make:* Airbus

*Model:* A321

*Description of Type Design Change:*

Installation of Zonal Drying System in accordance with Lufthansa Technik Supplemental Type Definition Document STDD 21-03/02M, Issue 00, dated October 28, 2003.

*Limitations and Conditions:*

1. The following LBA accepted Maintenance Manual Supplements are incorporated in the Airbus Maintenance Manual, for this installation:
  - a. Chapter 05-70-00: Maintenance Manual Supplement I - Chapter 05: Zonal Drying System Time Limits and Checks - Airbus A320/A321, dated July 10, 2003.
  - b. Chapter 21-74-00: Maintenance Manual Supplement II - Chapter 21: Zonal Drying System Maintenance - Airbus A320/A321, dated March 29, 2004.

(See Continuation Sheet 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:* June 22, 2005

*Date reissued:*

*Date of issuance:* January 4, 2006

*Date amended:*



*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.

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

**IMPORT**

*Number* **ST02201NY**

Date of Issuance: January 4, 2006

*Limitations and Conditions* (Continued):

2. **Certification Basis:**  
Based on 14 CFR §§ 21.115 and 21.101, and the FAA Order 8110.48, the certification basis for the Airbus A320 modification is the same as the type certification basis for Airbus A321 airplane as shown on TCDS A28NM for parts **changed or affected**.
3. This modification has been evaluated in accordance with AC120-42A, paragraph (8). This installation has no adverse effect on the previously approved ETOPS capability of the type-certificated aircraft. This finding does not constitute approval to conduct extended range operations.
4. 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.
5. Compatibility of this design change with previously approved modifications must be determined by the installer.

Service and Operating Information:

Service and repair instructions (bulletins, letters, etc.), the structural repair manual, aircraft flight manual and overhaul and maintenance manuals which contain a statement that the document is LBA approved are accepted by the FAA and are considered as FAA approved. These approvals pertain to type design only.

...END...