

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

**Number** ST01989LA-D

**This Certificate issued to** C&D Zodiac, Inc.  
5701 Bolsa Ave.  
Huntington Beach, CA 92647

**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.** \*Certification basis set forth on continuation pages 3 through 4.

**Original Product Type Certificate Number :**

See attached FAA Approved Model List (AML)

**Make :** STC No. ST01989LA-D for list of applicable airplane models, applicable installation data requirements, and

**Model :** specific limitations.

**Description of Type Design Change:** C&D Zodiac, Inc. Adjustable Cargo Net Installations per C&D Zodiac, Inc., Drawing List referenced on the attached AML, or later FAA approved revisions.

**Limitations and Conditions:** The 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. A copy of this STC must be included in the permanent record of the modified aircraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder must give the other person written evidence of that permission.

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**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 :** March 17, 2010

**Date reissued :**

**Date of issuance :** May 7, 2010

**Date amended :**

**By direction of the Administrator**



*Brad G. Chilton*  
\_\_\_\_\_  
(Signature)

ODA Lead Administrator, ODA-606394-NM  
(Title)

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental type certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

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## TRANSFER ENDORSEMENT

Transfer the ownership of the Supplemental Type Certificate Number \_\_\_\_\_

to *(Name of transferee)* \_\_\_\_\_

*(Address of transfer)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and Zip code)*

from *(Name of grantor) (Print or type)* \_\_\_\_\_

*(Address of grantor)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and Zip code)*

Extent of Authority (if licensing agreement): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date of Transfer: \_\_\_\_\_

Signature of grantor *(In ink)*: \_\_\_\_\_

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

**Number** ST01989LA-D

**Certification Basis:**

Based on 14 CFR §§ 21.115 and 21.101 for non-significant changes to type design, the certification basis elected by the STC holder for the modifications and installations to ERJ 170-100 STD, -100 LR, -100 SU, -100 SE, -200 STD, -200 LR, -200 SU airplanes modified by this change is as follows.

- a. The type certification basis for Embraer Model ERJ 170-100 STD, -100 LR, -100 SU, -100 SE, -200 STD, -200 LR, -200 SU airplanes is shown in TCDS A56NM for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by this change as of the reference date of application, March 17, 2010 is based on part 25 as amended by Amendment 25-129 and 14 CFR Part 26. Based on 14 CFR §§ 21.115 and 21.101, the certification basis for this modification was elected to be:

**Regulations at the latest amendment 25-0 through 25-129**

25.613(a)-(c).

**Regulations at an intermediate amendment**

None.

**Regulations at the amendment level in TCDS A56NM**

25.23(a), (b); 25.301(a)-(c); 25.303; 25.305(a)-(b); 25.307(a); 25.561(a)-(c); 25.601; 25.603(a)-(c); 25.605(a); 25.607(a)-(c); 25.609(a), (b); 25.611; 25.625(a)-(c); 25.787(a), (b); 25.855(d), (f); 25.1301; 25.1529; 25.1541.

**14 CFR Part 26 regulations**

26.47 (does not affect or create fatigue critical structure).

Based on 14 CFR §§ 21.115 and 21.101 for non-significant changes to type design, the certification basis elected by the STC holder for the modifications and installations to ERJ 190-100 STD, -100 LR, -100 IGW, -200 STD, -200 LR, -200 IGW airplanes modified by this change is as follows.

- a. The type certification basis for Embraer Model ERJ 190-100 STD, -100 LR, -100 IGW, -200 STD, -200 LR, -200 IGW airplanes is shown in TCDS A57NM for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by this change as of the reference date of application, March 17, 2010 is based on part 25 as amended by Amendment 25-129 and 14 CFR Part 26. Based on 14 CFR §§ 21.115 and 21.101, the certification basis for this modification was elected to be:

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**Regulations at the latest amendment 25-0 through 25-129**

None.

**Regulations at an intermediate amendment**

None.

**Regulations at the amendment level in TCDS A57NM**

25.23(a), (b); 25.301(a)-(c); 25.303; 25.305(a)-(b); 25.307(a); 25.561(a)-(c); 25.601; 25.603(a)-(c);  
25.605(a); 25.607(a)-(c); 25.609(a), (b); 25.611; 25.613(a)-(c); 25.625(a)-(c); 25.787(a), (b);  
25.855(d), (f); 25.1301; 25.1529; 25.1541.

**14 CFR Part 26 regulations**

26.47 (does not affect or create fatigue critical structure).

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*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

# FAA APPROVED MODEL LIST (AML) STC NUMBER ST01989LA-D

C&D ZODIAC, INC.  
FOR INSTALLATION OF ADJUSTABLE CARGO NETS  
Original Issue Date: May 7, 2010

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION DOCUMENT NUMBER	INSTALLATION DOCUMENT REVISION/DATE	AML AMENDMENT DATE
1	Empresa Brasileira de Aeronautica S.A. (Embraer)	ERJ 170-100 STD ERJ 170-100 LR ERJ 170-100 SU ERJ 170-100 SE ERJ 170-200 STD ERJ 170-200 LR ERJ 170-200 SU	A56NM	As Listed in the TCDS and 14 CFR part 25 Amendment 25-112	MDL A141000	Rev. C, April 30, 2010 Or Later FAA Approved Revision	Original May 7, 2010
2	Empresa Brasileira de Aeronautica S.A. (Embraer)	ERJ 170-100 STD ERJ 170-100 LR ERJ 170-100 SU ERJ 170-100 SE	A56NM	As Listed in the TCDS and 14 CFR part 25 Amendment 25-112	A141745	Rev. B, March 24, 2010 Or Later FAA Approved Revision	Original May 7, 2010
3	Empresa Brasileira de Aeronautica S.A. (Embraer)	ERJ 170-200 STD ERJ 170-200 LR ERJ 170-200 SU	A56NM	As Listed in the TCDS and 14 CFR part 25 Amendment 25-112	A141746	Rev. B, March 24, 2010 Or Later FAA Approved Revision	Original May 7, 2010
4	Empresa Brasileira de Aeronautica S.A. (Embraer)	ERJ 170-100 STD ERJ 170-100 LR ERJ 170-100 SU ERJ 170-100 SE ERJ 170-200 STD ERJ 170-200 LR ERJ 170-200 SU	A56NM	As Listed in the TCDS and 14 CFR part 25 Amendment 25-112	A141747	Rev. B, March 24, 2010 Or Later FAA Approved Revision	Original May 7, 2010
5	Empresa Brasileira de Aeronautica S.A. (Embraer)	ERJ 190-100 STD ERJ 190-100 LR ERJ 190-100 IGW ERJ 190-200 STD ERJ 190-200 LR ERJ 190-200 IGW	A57NM	As Listed in the TCDS	MDL A141000	Rev. C, April 30, 2010 Or Later FAA Approved Revision	Original May 7, 2010
6	Empresa Brasileira de Aeronautica S.A. (Embraer)	ERJ 190-100 STD ERJ 190-100 LR ERJ 190-100 IGW	A57NM	As Listed in the TCDS	A141731	Rev. C, March 24, 2010 Or Later FAA Approved Revision	Original May 7, 2010

**FAA APPROVED MODEL LIST (AML)  
STC NUMBER ST01989LA-D**

C&D ZODIAC, INC.  
FOR INSTALLATION OF ADJUSTABLE CARGO NETS  
Original Issue Date: May 7, 2010

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION DOCUMENT NUMBER	INSTALLATION DOCUMENT REVISION/DATE	AML AMENDMENT DATE
7	Empresa Brasileira de Aeronautica S.A. (Embraer)	ERJ 190-100 STD ERJ 190-100 LR ERJ 190-100 IGW	A57NM	As Listed in the TCDS	A141736	Rev. C, March 24, 2010 Or Later FAA Approved Revision	Original May 7, 2010
8	Empresa Brasileira de Aeronautica S.A. (Embraer)	ERJ 190-200 STD ERJ 190-200 LR ERJ 190-200 IGW	A57NM	As Listed in the TCDS	A141743	Rev. C, March 24, 2010 Or Later FAA Approved Revision	Original May 7, 2010
9	Empresa Brasileira de Aeronautica S.A. (Embraer)	ERJ 190-200 STD ERJ 190-200 LR ERJ 190-200 IGW	A57NM	As Listed in the TCDS	A141744	Rev. C, March 24, 2010 Or Later FAA Approved Revision	Original May 7, 2010

FAA Approved:   
ODA Lead Administrator  
ODA-606394-NM

Amended: \_\_\_\_\_