

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

*Number* ST02389AK

*This certificate issued to* Sierra Nevada Corporation  
11211 E. Arapahoe Road  
Centennial, CO 80112

*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:* A45NM  
*Make:* 328 Support Services GmbH  
*Model :* Dornier 328-100

*Description of Type Design Change:* Installation of a Max-Viz® EVS-1500 System and associated hardware in accordance with One Sky Aviation Master Drawing List, Doc. No. 20 15 00, Rev. IR, dated October 26, 2011 or later FAA approved revision.

*Limitations and Conditions:*

- 1) This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane.
- 2) 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.

(Limitations and Conditions continued on page 3 of 3)

*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 24, 2010  
*Date of issuance:* December 13, 2011

*Date reissued:*  
*Date amended:* December 21, 2011



*By direction of the Administrator*

(Signature)

August A. Asay  
Manager, Anchorage Aircraft Certification Office

(Title)

# Supplemental Type Certificate

(Continuation Sheet)

*Number* ST02389AK

*Date of issuance:* December 13, 2011

- 3) FAA Approved Airplane Flight Manual Supplement, Doc. No. 32 15 04, Revision IR, dated December 9, 2011, to the Dornier 328 series aircraft when equipped with the Max-Viz® EVS-1500 system or later FAA approved revisions are a required part of this STC.
- 4) Instructions for Continued Airworthiness, Doc. No. 32 15 05, Revision IR, dated October 7, 2011, or later FAA accepted revision must be made available to the operator at the time of installation.
- 5) This system must not be used as the sole reference for flight guidance, navigation, traffic/terrain avoidance or for maneuvering the aircraft at night or in reduced visibility conditions.
- 6) The display shall not be utilized if the image is significantly degraded by atmospheric, icing or thermal conditions.
- 7) The use of this system is for "VMC USE ONLY"

*Certification Basis:*

The certification basis for the Dornier 328-100 aircraft as described in this certificate is as follows:

- a. The type certification basis for the Dornier 328-100 aircraft is shown on TCDS A45NM for parts not changed or not affected by this change.
- b. 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 Dornier 328-100 aircraft is as shown on TCDS A45NM for parts changed or affected by this change. 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, May 24, 2010 and the FAA policy for significant changes in FAA Order 8110.48, compliance has been found for the following regulations:

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

14 CFR §§ 25.301-25.307, 25.321, 25.571, 25.581, 25.601- 25.619, 25.625, 25.771, 25.773, 25.899, 25.1301, 25.1309, 25.1316, 25.1321, 25.1322, 25.1351, 25.1353, 25.1357, 25.1381, 25.1419, 25.1431, 25.1501, 25.1525, 25.1529, 25.1581-25.1585

**14 CFR Part 26 Regulations**

14 CFR §26.11 and 14 CFR §26.47 as amended by Amdt. No. 26-1.

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