



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST00069MC

This certificate issued to: 3S Certification
8200 East 34th Street North, Suite1207
Wichita, Kansas 67226

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 barriers for various cabin configurations and non-required communications equipment in accordance with Master Drawing List, Non-Standard Air Vehicle (NSAv), Medium Block 10/20, Document Number MDL-0403-00-9001, Revision R dated December 13, 2013, FAA approved March 10, 2014, or later FAA approved revision.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. No cargo or passengers allowed AFT of all approved barrier positions.
3. Barrier position movement is defined in the FAA Approved Configuration Conversion Manual, Document 0403-00-9356, Revision G, dated October 13, 2013, or later FAA Approved Revision.
(See continuation sheet 3 of 4 for additional limitations)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: June 11, 2010

Date Reissued: March 10, 2014; September 18, 2015

Date of Issuance: November 22, 2011

Date Amended:
March 10, 2014; September 3, 2015

By Direction of the Administrator

Signature _____

Title Derek Morgan
Manager
Military Certification Office

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification 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.

Transfer Endorsement

Transfer the ownership of Supplemental Type Certificate Number: ST00069MC

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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4. For installations done in accordance with FAA Approved Master Drawing List, Non-Standard Air Vehicle (NSAV), Medium Block 10/20, Document Number MDL-0403-00-9001, Revisions R through Z, use:
- Instructions for Continued Airworthiness, Document 0403-00-9305 Revision H, dated March 10, 2014 entitled: "Instructions for Continued Airworthiness for the installation/modification of mission equipment for the NSAv Medium Dornier 328 Aircraft."
 - FAA Approved Airplane Flight Manual Supplement, Document 0403-00-9310, Revision G, dated March 10, 2014.
5. For installations done in accordance with FAA Approved Master Drawing List, Non-Standard Air Vehicle (NSAV), Medium Block 10/20, Document Number MDL-0403-00-9001, Revision AA or later FAA approved revisions, use:
- Instructions for Continued Airworthiness, Document 0403-00-9305 Revision L, dated March 24, 2015, or later FAA accepted revision entitled: "Instructions for Continued Airworthiness for the installation/modification of mission equipment for the NSAv Medium Dornier 328 Aircraft."
 - FAA Approved Airplane Flight Manual Supplement, Document 0403-00-9310, Revision J, dated September 3, 2015 or later FAA Approved revision.
6. 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.
7. This STC is intended for military, public, or government use aircraft only. Installation of this system on aircraft for commercial use is prohibited.

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 Dornier Model 328-100 NSAV is as follows:

- The type certificate basis for Dornier Model 328-100 is shown on A45NM for parts not changed or not affected by the change.
- The certification basis for parts changed or affected by the change since the reference date of the application, 11/12/2014, is based upon 14 CFR Part 25 as amended by Amendment 25-1 through 25-64, additional selected rules at later amendments as listed on the TCDS, and 14 CFR Part 26 as amended by Amendment 26-1 through 26-6. Based on 14 CFR 21.115 and 21.101, and the FAA policy for significant changes in the FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-141 and 26-1 through 26-6:

None

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Regulations at the amendment level 25-0 through 25-129, Issue Paper G-1, and 26-1 through 26-6:

25.23(b) [Amdt. 25-0], 25.29 [Amdt. 25-72], 25.251 [Amdt. 25-77], 25.301 [Amdt. 25-23], 25.303 [Amdt. 25-23], 25.305(a)(b)(c) [Amdt. 25-86], 25.307(a) [Amdt. 25-72], 25.321 [Amdt. 25-86], 25.331(c)(2) [Amdt. 25-91], 25.333(a)(b) [Amdt. 25-86], 25.337 [Amdt. 25-23], 25.341(a)(b) [Amdt. 25-0], 25.351 [Amdt. 25-91], 25.365 [Amdt. 25-87], 25.561 [Amdt. 25-91], 25.562(a)(b)(c)(2)(3)(4)(5)(6)(7)(8) [Amdt. 25-64], 25.571(a)(b)(c) [Amdt. 25-96], 25.581 [Amdt. 25-23], 25.601 [Amdt. 25-0], 25.603 [Amdt. 25-46], 25.605 [Amdt. 25-46], 25.607 [Amdt. 25-23], 25.609 [Amdt. 25-0], 25.611(a)(b) [Amdt. 25-123], 25.613 [Amdt. 25-112], 25.619 [Amdt. 25-23], 25.625 [Amdt. 25-72], 25.771(a)(c)(e) [Amdt. 25-4], 25.773(a) [Amdt. 25-121], 25.777(a)(c) [Amdt. 25-46], 25.785(a)(b)(c)(d)(e)(f)(1)(3)(h)(2)(4)(i)(j)(k) [Amdt. 25-88], 25.787 [Amdt. 25-51], 25.789(a)(b) [Amdt. 25-46], 25.791(a)(b)(d)(e) [Amdt. 25-72], 25.793 [Amdt. 25-51], 25.803(a) [Amdt. 25-72], 25.807(f)(1)(i)(1)(2)(g)(1) [Amdt. 25-114], 25.811(a)(b)(c)(d)(e)(1)(4)(f)(1)(2)(g) [Amdt. 25-88], 25.812(a)(1)(b)(c)(d)(e)(f)(i)(j)(k)(l) [Amdt. 25-128], 25.813(a)(b)(1)(6)(ii)(c)(1)(2)(3)(e) [Amdt. 25-128], 25.815 [Amdt. 25-38], 25.817 [Amdt. 25-15], 25.820 [Amdt. 25-114], 25.831(a)(c)(d) [Amdt. 25-41], 25.851(a)(1)(2)(5)(7)(8) [Amdt. 25-74], 25.853(a)(c)(d)(1)(2)(4)(e)(f)(g)(h) [Amdt. 25-116], 25.854(a) [Amdt. 25-74], 25.855(a)(b)(c)(d)(e)(f)(g)(h)(2)(i)(j) [Amdt. 25-123], 25.857(b)(2)(3) [Amdt. 25-93], 25.858 [Amdt. 25-93], 25.863(a)(b)(d) [Amdt. 25-46], 25.869(a)(c) [Amdt. 25-123], 25.899 [Amdt. 25-123], 25.981(a) [Amdt. 25-125], 25.1301(a)(b) [Amdt. 25-123], 25.1307(b)(c)(d)(e) [Amdt. 25-72], 25.1309 [Amdt. 25-123], 25.1310 [Amdt. 25-123], 25.1321 (e) [Amdt. 25-41], 25.1322 [Amdt. 25-38], 25.1351(a)(b) [Amdt. 25-72], 25.1353 [Amdt. 25-123], 25.1355(a) [Amdt. 25-38], 25.1357 (a)(b)(c)(g) [Amdt. 25-123], 25.1360 [Amdt. 25-123], 25.1362 [Amdt. 25-123], 25.1365(a)(c)(d) [Amdt. 25-123], 25.1381 [Amdt. 25-72], 25.1411(a)(b) [Amdt. 25-116], 25.1415(e) [Amdt. 25-82], 25.1423 [Amdt. 25-115], 25.1431(a)(b)(c) [Amdt. 25-113], 25.1438 (b)(c) [Amdt. 25-41], 25.1439(a)(b)(1)(2)(3)(4)(6) [Amdt. 25-115], 25.1441(a)(b)(c) [Amdt. 25-0], 25.1443(c)(d) [Amdt. 25-0], 25.1445 (b) [Amdt. 25-0], 25.1447(a)(c)(1)(4) [Amdt. 25-116], 25.1457(a)(1)(3)(4)(5) [Amdt. 25-124], 25.1501 [Amdt. 25-42], 25.1519 [Amdt. 25-0], 25.1541 [Amdt. 25-0], 25.1557(a)(c) [Amdt. 25-72], 25.1561(a)(b)(c)(e) [Amdt. 25-46], 25.1581(a)(b)(d) [Amdt. 25-72], 25.1583 (c) [Amdt. 25-105], 25.1585(a)(b) [Amdt. 25-105], 25.1701 [Amdt. 25-123], 25.1703 [Amdt. 25-123], 25.1705(a)(b) [Amdt. 25-123], 25.1707 [Amdt. 25-123], 25.1709 [Amdt. 25-123], 25.1711 [Amdt. 25-123], 25.1713(a)(b)(c) [Amdt. 25-123], 25.1715 [Amdt. 25-123], 25.1717 [Amdt. 25-123], 25.1719 [Amdt. 25-123], 25.1721 [Amdt. 25-123], 25.1729 [Amdt. 25-123], 26.11 [Amdt. 25-0], 26.47(c) [Amdt. 25-1]

Regulations at an intermediate amendment:

None

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