



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

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:

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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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Supplemental Type Certificate

(Continuation Sheet)

Number: ST04214AT

Date of Issuance: June 12, 2015

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, for the Boeing MD-10 and MD-11 series aircraft modified by the installation of a standalone Astronics AES 110V AC 60 Hz and 5V DC power system with two outlets, the Certification Basis is as follows:

- a. The type certification basis for Boeing Model MD-10 and MD-11 series airplanes is shown on TCDS A22WE for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by the change since the reference date of application, September 4, 2014, is based upon part 25 as amended by amendment 25-89 (to match the MD-10 Certification Basis). Based on 14 CFR §§ 21.115 and 21.101, and FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the amendment level in TCDS A22WE for the MD-10

14 CFR	25.23(a)	25.301(a)(b)(c)	25.303	25.305(a)	25.307(a)
	25.561(a)(b)(c)	25.601	25.603(a)(b)(c)	25.605(a)	25.609(a)(b)
	25.611	25.613(a)(b)	25.619(a)(b)(c)	25.625(a)	25.771(a)
	25.773(a)(1)(2)	25.777(a)(c)	25.789(a)	25.1301(a)(b)(c)(d)	25.1309 (a)(b)(d)(g)
	25.1322(a)(c)(d)	25.1333	25.1351(a)(1)(2)	25.1353(a)(b)	25.1357(a)(c)
	25.1381(a)(2)(b)	25.1431(a)(c)	25.1501(a)	25.1519	25.1523(a)(b)
	25.1529	25.1541(a)(b)	25.1555(a)	25.1581	25.1585(a)

Regulations at the amendment level in TCDS A22WE for the MD-11

14CFR	25.853
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Regulations at a later amendment:

14CFR	25.869(a)(4) (25-72)	25.981 (25-125)
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Regulations at the latest amendment 26-0 through 26-6

14CFR	26.11(c)(1)(d)(4)	26.47(c)
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