



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SA00025MC

This certificate issued to: Alliant Techsystems Operations LLC
236 Citation Drive
Fort Worth, Texas 76106

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 23 of the Federal Aviation Regulations

Original Product – Type Certificate Number: A37CE Make: Textron Aviation Inc.
Model: 208B

Description of Type Design Change:

Installation of Special Mission Equipment, in accordance with Orbital ATK STC Data List, Document Number 208BDALST002, Revision AJ, Dated April 15, 2013, for the -1, -2, and -4 configurations; or for the -5 configuration, STC Data List, Document Number 02DALST-001, Revision D, Dated October 25, 2016, and Placard Drawing 02M1120-001, Revision -, Dated November 22, 2016, or later FAA approved revision(s). For the -6 and -7 configurations, STC Data List, Document Number 02DALST-003, Revision H, Dated 11/28/2018, or later FAA approved revision(s). Use of this STC requires FAA approved manuals, or later FAA approved revisions specified in Table 1 on continuation sheet 3 of 5.

Limitations and Conditions:

1. This approval is limited to installations completed at the Alliant Techsystems Operations LLC facility in Fort Worth, Texas. Installations not completed at Alliant Techsystems Operations LLC will require an FAA approved Installation Manual.

See continuation sheets for additional limitations and conditions.

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: February 13, 2008

Date Reissued:

Date of Issuance: April 22, 2009

Date Amended: June 25, 2013; December 07, 2016;
December 21, 2018

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: SA00025MC

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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2. Use of this STC requires the following FAA approved manuals, or later FAA approved revisions:

Table 1: Required Manuals for STC

Aircraft Configuration	Category	Document Number	Document Date	Document Title
-1: Block 10	Normal	C208B.TPRST.004 Revision IR	April 15, 2009	Airplane Flight Manual Supplement for Cessna Caravan C208B, Standard Airworthiness Category, Armed Caravan Modification
	Restricted	C208B.TPRST.005 Revision IR	April 22, 2009	Airplane Flight Manual Supplement For Cessna Caravan C208B, Restricted Airworthiness Category, Armed Caravan Modification
	Both	C208B.TPRST.001 Revision C	April 8, 2009	Instructions for Continued Airworthiness - Special Mission Equipment Installation, Cessna Armed Caravan 208B
-2: Block 12	Normal	C208B.TPRST.004 Revision B	April 8, 2010	Airplane Flight Manual Supplement for Cessna Caravan C208B, Standard Airworthiness Category, Armed Caravan Modification
	Restricted	C208B.TPRST.005 Revision B	April 8, 2010	Airplane Flight Manual Supplement For Cessna Caravan C208B, Restricted Airworthiness Category, Armed Caravan Modification
	Both	C208B.TPRST.001 Revision D	Nov. 13, 2009	Instructions for Continued Airworthiness - Special Mission Equipment Installation, Cessna Armed Caravan 208B
-4: Block 13	Normal	02TMASP-001 Revision -	June 21, 2013	Airplane Flight Manual Supplement Mission Systems Lebanon Unarmed Caravan
	Normal	02TPRCA-001 Revision A	April 23, 2013	Mission Systems Instructions for Continued Airworthiness Lebanon Unarmed
-5: Block 20	Restricted	02TMASP-003, Revision -	Nov. 29, 2016	Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement For Model 208B Grand Caravan EX, Restricted Airworthiness Category Armed Caravan, Block 20 Modification
	Restricted	02TPRCA-004, Revision C	Jan. 5, 2017	Instructions for Continued Airworthiness for Model 208B (867 SHP – Garmin G1000) Grand Caravan EX, Restricted Airworthiness Category Armed Caravan, Block 20 Modification
-6: Block 25	Restricted	02TMASP-004, Revision -	Dec. 20 2018	Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement For Model 208B Grand Caravan EX, Restricted Airworthiness Category, Eliminator Caravan, Block 25/26 Modification
	Restricted	02TPRCA-005, Revision A	Nov. 26, 2018	Instructions for Continued Airworthiness for Model 208B Grand Caravan EX, Restricted Airworthiness Category Eliminator Caravan, Block 25/26
-7: Block 26	Restricted	02TMASP-004, Revision -	Dec. 20, 2018	Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement For Model 208B Grand Caravan EX, Restricted Airworthiness Category, Eliminator Caravan, Block 25/26 Modification
	Restricted	02TPRCA-005, Revision A	Nov. 26, 2018	Instructions for Continued Airworthiness for Model 208B Grand Caravan EX, Restricted Airworthiness Category Eliminator Caravan, Block 25/26

Note: -3 Configuration is not FAA approved.

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3. The -1 and -2 configuration installation require completion of the EMI/RFI portion of the Ground Test Plan, ATK Document Number 208BR0000001-GTP, Revision C, or later FAA approved revision and the EMI/RFI portion of the Flight Test Plan, Orbital ATK Document Number 208BR0000002-FTP, Revision A, or later FAA approved revision. The -4 configuration installation require completion of EMI/RFI portion of Airworthiness Test Plan 02R0000-002-FAA, Revision -, or later FAA approved revision. The -5 configuration installation require completion of the FAA EMI/EMC Ground and Flight Test Plan, Cessna 208B, Armed Caravan, Orbital ATK Document Number 02R0000-001-ECTP, Revision -, Dated May 3, 2016 or later FAA approved revision. The -6 configuration installation requires completion of the FAA EMI/EMC Ground and Flight Test Plan, Eliminator Caravan, Block 25, Alliant Techsystems Operations LLC. Document Number 02R0000-002-ECTP, Revision -, Dated February 27, 2018, or later FAA approved revision. The -7 configuration installation requires completion of the FAA EMI/EMC Ground and Flight Test Plan, Eliminator Caravan, Block 26, Alliant Techsystems Operations LLC. Document Number 02R0000-003-ECTP, Revision -, Dated November 7, 2018, or later FAA approved revision.
4. Following the replacement of government furnished equipment (GFE) or commercial off-the-shelf (COTS) equipment conduct a ground EMI survey with engine running as follows:
 - a. For the -1 and -2 installations, equipment listed in Table 2-1 of Instruction for Continued Airworthiness, C208B.TPRST.001, Revision C, or later FAA approved revision, conduct EMI survey with the EMI/RFI portion of the Ground Test Plan, Orbital ATK Document Number 208BR0000001-GTP, Revision C, or later FAA approved revision.
 - b. For the -4 installations, equipment listed in Table 2-1 of Instruction for Continued Airworthiness, 02TPRCA-001, Revision A, or later FAA approved revision, conduct EMI survey with the Airworthiness Test Plan 02R0000-002-FAA, Revision -, or later FAA approved revision.
 - c. For the -5 installations, equipment listed in Table 2-1 of Instructions for Continued Airworthiness 02TPRCA-004, Revision B, or later FAA approved revision, conduct EMI survey with the FAA EMI/EMC Ground and Flight Test Plan, 02R0000-001-ECTP, Revision -, or later FAA approved revision.
 - d. For the -6 installations, equipment listed in Table 2-1 of Instructions for Continued Airworthiness 02TPRCA-005, Revision A, or later FAA approved revision, conduct EMI survey with the FAA EMI/EMC Ground and Flight Test Plan, 02R0000-002-ECTP, Revision -, or later FAA approved revision.
 - e. For the -7 installations, equipment listed in Table 2-1 of Instructions for Continued Airworthiness 02TPRCA-005, Revision A, or later FAA approved revision, conduct EMI survey with the FAA EMI/EMC Ground and Flight Test Plan, 02R0000-003-ECTP, Revision -, or later FAA approved revision.
5. This STC is intended for Military or Public Use only. Installation on commercial aircraft is prohibited. This STC includes design approval for provisions for special mission equipment. The FAA has not certified the equipment for which these provisions are intended. Additional airworthiness approval is needed for this equipment.
6. This installation is placarded to prohibit flight into known icing conditions.
7. Operational limitations that apply to this STC are identified in the Normal and Restricted Category Airplane Flight Manual Supplements, as applicable and identified in Table 1.
8. Approved configuration and inspection intervals limitations are per the Instructions for Continued Airworthiness identified in Table 1.
9. 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. The compatibility of this modification with the installation of previously installed modifications is the responsibility of the installer.

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10. Installation of the -1, -2, or -4 configuration is prohibited from being installed on G1000 equipped Model 208B aircraft. The -5, -6 and -7 configuration is compatible with the Model 208B equipped with a PT6A-140 867 SHP and Garmin G1000, eligible serial numbers 208B2197 and 208B5000 and on.

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