

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

Number SA03393CH

This certificate issued to

Aircraft Structures International Corp.
Enid Woodring Regional Airport
1026 S 66th St., Hangar 33
Enid, OK 73701

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. (See Page 3 for complete certification basis)

Original Product - Type Certificate Number: A37CE

Make: Textron Aviation Inc.

Model: 208B

Description of Type Design Change:

Installation of a Pratt and Whitney Canada, PT6A-140 Engine in accordance with Standard Aero Master Data List 1016188, Revision (C), dated March 29, 2016 or later FAA approved revision.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. FAA Approved Airplane Flight Manual Supplement document number 1025569, Rev (B) dated February 29, 2016, or later FAA approved revision is a required part of this modification.
3. 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.

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: September 10, 2014

Date reissued: March 29, 2018; January 9, 2020

Date of issuance: April 14, 2016

Date amended:



By direction of the Administrator

[Signature]
(Signature)

for Steven L. Lardinois
Manager, Systems Section
Chicago ACO Branch

(Title)

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

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Certification Basis (continued)

Based on 14 CFR §§ 21.115, 21.101 and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Textron Aviation Inc. 208B Installation of a Pratt and Whitney Canada, PT6A-140 Engine components is as follows:

- a. The type certification basis for Textron Aviation Inc. 208B Installation of a Pratt and Whitney Canada, PT6A-140 Engine is shown on TCDS A37CE 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 10, 2014, is based upon TCDS A37CE. 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 this modification was determined to be:

Regulations at the amendment level in TCDS A37CE and later.

23.1(a, b)(23-34), 23.21 (a, b), 23.33(a, d)(23-50), 23.45(a, b(1, 3), d-g)(23-50), 23.49(a(2-6), b)(23-62), 23.53(a, b)(23-62), 23.63(a(1-2), c)(23-50), 23.65(b)(23-62), 23.69(a)(23-50), 23.71(23-50), 23.75(d)(23-50), 23.77(b)(23-50), 23.143(a(1-5)(23-50), 23.145(a-e(1))(23-50), 23.147(c)(23-50), 23.155(a(1), b, c)(23-50), 23.161(a, b(1), c)(23-50), 23.171, 23.173(a, b(1), c)(23-34), 23.175 (a, b(1), c)(23-50), 23.177(a)(23-50), 23.181(d)(23-45), 23.201(a-f)(23-62), 23.203(a-c)(23-62), 23.207(c)(23-7), 23.231(a), 23.233(c)(23-50), 23.251(23-45), 23.301(a-c)(23-28), 23.303, 23.305(a, b), 23.307(a), 23.601, 23.603(a, b)(23-23), 23.605(a)(23-23), 23.607(23-17), 23.609(a, b), 23.611(23-7), 23.613(a-c)(23-23), 23.619(23-7), 23.623(a, b)(23-7), 23.625(a-c)(23-7), 23.627, 23.629(a-i)(23-62), 23.831(a)(23-42), 23.863(a-d)(23-34), 23.865(23-48), 23.867(a-c)(23-49), 23.901(a, b, d(2), e(1))(23-53), 23.903(a(1), a(2i), b(1-2), e, f)(23-62), 23.905(a-d)(23-59), 23.907(a(2), b, c)(23-59), 23.925(a, d)(23-51), 23.929(23-51), 23.933(b)(23-51), 23.937(a, b)(23-43), 23.939(a)(23-42), 23.943(23-43), 23.951(a, d)(23-43), 23.954(a-c)(23-7), 23.955(a, f(1))(23-51), 23.961(23-43), 23.991(a(2), b, d)(23-43), 23.997(a-d)(23-43), 23.1011(a-c)(23-43), 23.1017(b)(23-14), 23.1019(a)(23-43), 23.1041(23-51), 23.1043(a(1-3), b, c)(23-51), 23.1045(a-c)(23-51), 23.1091(c)(23-51), 23.1093(b)(23-51)

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Regulations at the amendment level in TCDS A37CE and later.

23.1111(a, b, c)(23-17), 23.1121(e)(23-51), 23.1141(a-f, g(1))(23-51), 23.1143(c)(23-51)
23.1155(23-7), 23.1163(a-e)(23-42), 23.1183(a)(23-51), 23.1189(b)(23-43)
23.1203(a(liv), b, c, d)(23-51), 23.1301(a-c)(23-62), 23.1305(a(2-3) c(1, 5) e(1))(23-52)
23.1309(a-d)(23-62), 23.1321(a, c)(23-49), 23.1337(a(2-3), c, d)(23-51), 23.1351(a, b(1-3))(23-49),
23.1419(a-b)(23-14), 23.1501(a, b)(23-21), 23.1519, 23.1521(a-e)(23-50), 23.1525(23-45), 23.1527(a)(23-45),
23.1529(23-26), 23.1541(a, b)(23-21), 23.1543(b, c)(23-50), 23.1549(a-d)(23-45), 23.1581(a-d)(23-50),
23.1583(b, k)(23-50), 23.1585(a)(23-62), 23.1587(a)(23-62).

Regulations at the latest amendment level

36.1(a(2), a(5), c)(36-26), 36.2(b)(36-24), 36.3(36-14), 36.9(a)(36-19), 36.501(c)(36-19)
36.1501(a)(36-15), 36.1581(a(2), c)(36-25), G36.101(a-d)(36-16), G36.103(a-d)(36-16)
G36.105(a-g)(36-24), G36.107(a-c)(36-22), G36.109(a-g)(36-16), G36.111(a-c)(36-27)
G36.201(a-d)(36-22), G36.203(a, b)(36-16), G36.301(a, b)(36-28).

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