



Al contestar cite Radicado 2024240040015082 Id: 1312567
Folios: 5 Fecha: 2024-05-16 10:39:28
Anexos: 0
Remitente: SECRETARIA DE AUTORIDAD AERONAUTICA
Destinatario: BLACKHAWK AEROSPACE

Bogota, May 10, 2024

Mrs.
Donna Hendrix,
Certification Coordinator
Blackhawk Aerospace
7601 Karl May Drive | Waco, TX 76708
United States
info@blackhawk.aero
Phone: (00-1) 254-755-6711

**Subject: Acceptance of Foreign Supplemental Type Certificate (STC)
SA02357LA (issued by FAA).**

References:

1. UAEAC Application form RAC-8110-12 (Dated November 13, 2023).
2. Application letter: Blackhawk Aerospace Letter Dated November 14, 2023.
3. FAA Letter 775-24-00005 Supplemental Type Certificate (STC) Application for Validation of Blackhawk Modifications, LLC, STC SA02357LA (Foreign Validation Project Number 23-DOC-35456)
4. Blackhawk Modifications, LLC, STC SA02357LA.
5. Colombian Civil Aviation Regulations, RAC 21. § 21.515.
6. Application data package titled "UAEAC Colombia submittal STC SA02357LA."
7. E-mail dated 26/03/2024 in response to additional clarifications and request of documents sent via e-mail on 09/02/2024 by AEROCIVIL containing the following additional documents:
 - a. 200803-000 MASTER DRAWING LIST, XP42A ENGINE UPGRADE IN CESSNA CARAVAN 208B

- b. 200803-12 ACOUSTICAL TEST PLAN FAR 36 APPENDIX G FOR CESSNA MODEL 208B EQUIPPED WITH A PT6A-42A ENGINE
- c. 200803-13 ACOUSTICAL TEST REPORT FAR 36 APPENDIX G FOR CESSNA MODEL 208B EQUIPPED WITH A PT6A-42A ENGINE
- d. 201307-000 MASTER DRAWING LIST Engine Indicators Cessna Caravan Series Airplanes
- e. 201307-001 Engine Instrument Aircraft Applicability
- f. 201307-101 Engine Instruments Acceptable Alternates

Dear Mrs. Hendrix

According to your application for the acceptance of FAA Supplemental Type Certificate No. **SA02357LA**, related to the installation of:

Replacement of the original Pratt and Whitney PT6A-114(A) engine and propeller with a Pratt and Whitney PT6A-42A and 4-blade Hartzell Propeller HC-E4N-3P/D9900(K) propeller or 3-blade Hartzell Propeller HC-B3TN-3AE(Y)T10290N(K)+2, and associated equipment in accordance with FAA Approved Master Drawing List 200803-000 Rev IR dated June 8, 2011, or later FAA Approved revisions. Pilot's Operating Handbook and FAA Approved Flight Manual Supplement, AFMS200803, Rev. IR, dated June 22, 2011 or later FAA Approved revisions. Blackhawk Modifications Inc. Instructions for Continued Airworthiness Document ICA200803-30 Rev. A dated May, 2011, or later revisions. Installation of optional Howell Instruments, Inc. gages as acceptable alternates for the existing Ultra Electronics Flightline Systems gages in Accordance with FAA Approved Master Drawing List 201307-000, Rev. IR dated Sep 12, 2014 or later FAA approved Revisions and Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement, AFMS, 201307 Rev. IR, dated January 16, 2015 or later FAA Approved revisions.

Considering that Blackhawk Modifications Inc has submitted the associated technical documentation, which was reviewed and evaluated under Colombian Civil Aviation Regulations (RAC 21, § 21.515). The Colombian Civil Aviation Authority (AEROCIVIL) accepts the foreign Supplemental Type Certificate No. **SA02357LA**, for major alteration application on Colombian registered aeronautical products, in accordance with the following limitations and conditions as stated in the FAA Supplemental Type Certificate:

1. For each installation of the STC **SA02357LA**, is a prerequisite that the subject aircraft is previously or concurrently modified with STC **SA01805SE "Aircraft Payload Extender STOL System"** from AeroAcoustics Aircraft Systems Inc. (This STC was previously accepted by AEROCIVIL with letter #2023240040035505 Id: 1178005 dated 8/11/2023).

2. STC **SA02357LA** is **not** compatible with:
- Cessna Model 208B S/N **208B1190**, **208B1216**, and **208B2000** or later S/Ns with Garmin G1000 installations and aircraft equipped with STC **SA01478WI** or Cessna **SK208-174** (TKS Installation)

As substantiated by Blackhawk Modifications Inc., the following is the list of required documents that must accompany each installation of aeronautical products registered in Colombia as required by RAC43 § 43.300(b):

Title	P/N	Rev* *	Date	Remarks
MASTER DRAWING LIST, XP42A ENGINE UPGRADE IN CESSNA CARAVAN 208B	200803-000	G	29/06/2017	
Installation Instructions	200803-001	C	10/10/2014	
Engine Installation	200803-002	D	17/10/2016	
Engine Indicator Installation	200803-003	E	27/02/2013	
Propeller Installation, 4-blade Hartzell HC-E4N-3P/D9900(K)	200803-004	A	15/07/2010	Required for Hartzell Propellers Option 1
Cowling/Inlet Installation	200803-005	D	18/05/2017	
Engine Trend Monitoring System (with EO 1275 dated 6/12/13)	200803-006	IR	08/08/2012	
Overspeed Governor Alteration	200803-007	IR	16/03/2010	
Propeller Installation, 3 Blade Hartzell HC-B3TN-3AE(Y)/T10290N+2 (with EO 1276 dated 7/12/13)	201201-009	IR	10/07/2013	Required for Hartzell Propellers Option 2
Engine Control Rigging Procedures for PT6A-42A Engines Installed on the Cessna Caravan 208 Series	201201-800	B	02/2014	
Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna Caravan Model 208B Airplanes with Installation of Aeroacoustics Aircraft System Inc. STC	200803	D	28/9/2017	

SA01805SE and a Pratt and Whitney Canada PT6A-42A Engine Installed per STC SA02357LA				
Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for the Installation of Howell Electronic Powerplant Indication System in Cessna 208B Caravan Aircraft Modified with STC SA02357LA	201307	IR	16/01/2015	
Instructions for Continued Airworthiness - Installation of the Pratt and Whitney PT6A-42A On the Cessna 208B	200803-30	D	18/03/2015	

**** Or later FAA approved revisions.**

The aeronautical product affected by the STC corresponds to the Type Certificate **A37CE**, model Cessna "Caravan" 208B, with applicability of S/Ns as previously described in this letter of acceptance. The STC **SA02357LA**, will be entered in the national index of accepted STC. It is important to mention that a copy of the STC and required documents should accompany each installation (**RAC 43, § 43.300 (b)**).

Please bear in mind that this acceptance is issued to the STC and its supporting technical data and does not constitute an approval for the product (or products part of the STC) to be imported, is the responsibility of the installer to comply with the requirements set forth in **RAC 21.1200** for the product (or products) being imported.

In addition, please consider that your company is responsible to keep this STC information (The alterations' published documents) updated to guarantee safe operation and support the continued airworthiness of the altered aircraft registered in Colombia.

Any major change of the STC information must be reported and documented to the Colombian Civil Aviation Authority (AEROCIVIL).

The validity of this letter of acceptance expires when the Supplemental Type Certificate approval ceases to exist. If at any point in time, the AEROCIVIL finds that there is a reasonable doubt to indicate that the safety of the aeronautical product is compromised because of an unsafe condition developed in the aeronautical product, AEROCIVIL may cancel the letter of STC Acceptance.


Sincerely,



Col. (AR) Rodrigo R. Zapata R.

Aeronautical Authority Secretary
Colombian Civil Aviation Authority (AEROCIVIL)

Copy: Gregory S. DiLibero
Manager West Certification Branch
Compliance and Airworthiness Division
Aircraft Certification Service
9-AVS-WCB-Correspondence@faa.gov


Prepared by: Eng. David F. Muñoz G
Certification of Aeronautical Products Group Chief