



**CERTIFICADO SUPLEMENTAR DE TIPO**  
(Supplemental Type Certificate)

**NÚMERO**                    **2011S03-07**  
(Number)

**Este certificado, emitido com base na Lei nº 7565 "Código Brasileiro de Aeronáutica", de 19 de dezembro de 1986,**  
(This certificate, issued in the basis of the Law No. 7565 "Código Brasileiro de Aeronáutica", dated 19 December 1986,

**é conferido ao (à):**      **Supervan Systems Ltd.**  
(is granted to:)            **8955, CR 135**  
                                     **Celina, TX 75009**  
                                     **USA**

**por ter a modificação ao projeto de tipo do produto abaixo citado, observadas as limitações e condições**  
(for having the change to the type design of the product mentioned below, with the limitations and conditions therefor as)  
**especificadas, satisfeito aos requisitos de aeronavegabilidade aplicáveis.**  
(specified hereon, met the applicable airworthiness requirements.)

**Produto Original - Número do Certificado de Tipo: 8805 (ANAC).**  
(Original Product - Type Certificate No:)

**Fabricante:**            **CESSNA AIRCRAFT COMPANY.**  
(Manufacturer:)

**Modelo(s):**            **208 and 208B.**  
(Model(s):)

**DESCRIÇÃO DA MODIFICAÇÃO AO PROJETO DE TIPO:**  
(Description of Type Design Change:)

Removal of the Pratt & Whitney PT6A-114/114A engine, propeller and associated components to install a Honeywell TPE331-12JR engine, Hartzell HC-B4TN-5QL/LT10890NK (de-ice) or HC-B4TN-5NL/LT10890N (non-de-ice) propeller and associated components in accordance with Supervan Master Data List SSL-MDL-208-4001, Rev. C, dated 10 Jun. 2009 or later approved revision.

This CST validates in Brazil the STC SA10841SC, issued by FAA (USA).

**LIMITAÇÕES E CONDIÇÕES:**  
(Limitations and Conditions:)

See continuation sheet for applicable data.

**DATAS:**  
(Dates of:)

**Do Requerimento:** 26 Oct. 2010  
(Application:)

**Da emissão:** 25 Mar. 2011  
(Issue:)

**Da reemissão:**  
(Reissue:)

**HÉLIO TARQUÍNIO JÚNIOR**  
Gerente-Geral, Certificação de Produto Aeronáutico  
(General Manager, Aeronautical Product Certification)

**DINO ISHIKURA**  
Superintendente de Aeronavegabilidade  
(Airworthiness Superintendent)



Folha de Continuação ao  
(Continuation Sheet to)

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**LIMITAÇÕES E CONDIÇÕES:**  
(Limitations and Conditions:)

- I. The approval of this type design change should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the relationship between this change and any of those other previously approved modifications, including changes in Type Design, will introduce no adverse effect upon the airworthiness of that aircraft.
- II. 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.
- III. Operation must be performed in accordance with the applicable FAA Approved Airplane Flight Manual Supplement (AFMS) at the indicated revision level, or later FAA approved revision, specified below:  
  
For 208B Model:      Document No. SSL-FMS-208B-12JR Landplane Rev. 1 dated 15 Dec. 2010;  
For 208 Model:      Document No. SSL-FMS-208-12JR Floatplane Rev. 0 dated 10 Jun. 2009;  
                                 Document No. SSL-FMS-208-12JR Landplane Rev. 1 dated 15 Dec. 2010.  
  
If optional Standby Electrical System is installed this FAA approved Flight Manual Supplement at the indicated revision level, or later revision, is required:  
  
For 208B model:      Document No. SSL-SES-208B-12JR Rev. 1 dated 15 Dec. 2010;  
For 208 model:      Document No. SSL-SES-208-12JR Rev. 1 dated 15 Dec. 2010.  
  
For flight into known icing conditions this FAA approved Flight Manual Supplement at the indicated revision level, or later revision, is required:  
  
For 208B model:      Document No. SSL-KIS-208B-12JR Rev. 0 dated 15 Dec. 2010;  
For 208 model:      Document No. SSL-KIS-208-12JR Rev. 0 dated 15 Dec. 2010.
- IV. Instructions for Continued Airworthiness (ICA), document No. 9004-21, Rev. 0, dated 15 Sep. 2008 or later FAA approved revision, is required for this installation.
- V. This modification is not approved on airplanes with the TKS Ice Protection System.



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(Limitations and Conditions:)

- VI. Gross weight increase changes per CHST 9705-05 which validates in Brazil the FAA STC # SA00392SE and CHST # 1999S05-08 which validates in Brazil the FAA STC # SA270CH, for models 208B and 208 respectively are compatible with this STC.
- VII. Wipaire CHST # 1999S05-07 which validates in Brazil the FAA STC # SA1311GL Float modification is compatible with this STC.
- VIII. Wipaire Service Kit #25 must be installed on aircraft serial number 20800329 and earlier.
- IX. For model 208B: This CST is limited to serial numbers 208B0001 through 208B1189, 208B1191 through 208B1215 and 208B1217 through 208B1999.
- X. For model 208: This CST is limited to Standard version (without cargo pod) to serial numbers 20800001 through 20800415 and 20800417 through 20800499.
- XI. The Certification Basis for parts changed or affected by this change, as specified on the FAA STC # SA10841SC is applicable.
- XII. A copy of this Certificate and the Supplement referred on item III above, as applicable, shall be maintained as part of the permanent records of the modified aircraft.

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