



## CERTIFICADO SUPLEMENTAR DE TIPO

(Supplemental Type Certificate)

**NÚMERO**

(Number)

**2016S10-04**

**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):** McFarlane Aviation, Inc.  
(is granted to:) 696E. 1700 Rd  
Baldwin City, KS 66006  
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:** 5A6 (FAA)  
(Original Product - Type Certificate No:)

**Fabricante:** Cessna  
(Manufacturer:)

**Modelo(s):** 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G,  
(Model(s):) 180H, 180J and 180K

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

Installation of Stabilizer Jack-Screw Actuator in accordance with North Pacific Welding Drawing No. C-0712500, Rev. 0, dated 31 Mar. 2000 and Cessna Skywagon 180 and 185 Series Service Manual; or McFarlane Aviation, Inc. Drawing No. 1111-1, Rev. A, dated 03 Dec. 2012, or later approved revisions.

This CST validates in Brazil the STC No. SA02112AK, issued by FAA (USA).

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

See continuation sheet for applicable data.


**DATAS:**  
(Dates of:)

**Do Requerimento:** 25 July 2016  
(Application:)

**Da emissão:** 04 Oct. 2016  
(Issuance:)

**Da reemissão:**  
(Reissuance:)

**Da emenda:**  
(Amendment:)

  
**MÁRIO IGAWA**  
Gerente-Geral, Certificação de Produto Aeronáutico  
(General Manager, Aeronautical Product Certification)

  
**ROBERTO JOSÉ SILVEIRA HONORATO**  
Superintendente de Aeronavegabilidade  
(Airworthiness Superintendent)



Folha de Continuação ao  
(Continuation Sheet to)

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

**NÚMERO 2016S10-04**  
(Number)

**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. Instructions for Continued Airworthiness (ICA), McFarlane Aviation, Inc. Document No. 6465, Rev. C, dated 11 Dec. 2011 or later FAA accepted revision, is required for this installation, when McFarlane Part Number 1111 Stabilizer Screwjack Kit is installed.
- IV. This approval is valid only if North Pacific Welding Part Numbers NI-0712500-7, NI-0712500-11 and NI-0712500-13 are installed as a set; or if McFarlane Part Number 1111 Stabilizer Screwjack Kit is installed in its entirety.
- V. A copy of this Certificate shall be maintained as part of the permanent records of the modified aircraft.

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