



ANAC

AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL - BRASIL

CERTIFICADO SUPLEMENTAR DE TIPO

(Supplemental Type Certificate)

NÚMERO 2010S12-07

(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): Onboard Systems International
is granted to:)

13915 NW 3rd Court
Vancouver, WA 98685
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 thereof as)
especificadas, satisfeito aos requisitos de aeronavegabilidade aplicáveis.
(specified hereon, met the applicable airworthiness requirements.)

Produto Original - Número do Certificado de Tipo: 9402 (ANAC).
(Original Product - Type Certificate No:)

Fabricante: Robinson.
(Manufacturer:)

Modelo(s): R44 and R44 II.
(Model(s):)

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

Fabrication of Onboard System International Model 200-324-00 and 200-326-00 12V cargo hook kits, Model 200-325-00 and 200-327-00 28V cargo hook kits, Model 200-325-01 and 200-327-01 28V cargo hook kit with load weight, and Model 200-340-00 load weight Kit in accordance with Onboard Systems Master Drawing List (MDL) No. 155-124-00, Rev. 7, dated April 9, 2010, or later approved revision.

This CST validates in Brazil the STC # SR01808SE, issued by FAA (USA).

LIMITAÇÕES E CONDIÇÕES:
(Limitations and Conditions:)

See continuation sheet for applicable data.

DATAS:
(Dates of:)

Do Requerimento: 17 Sep. 2010
(Application:)

Da emissão: 20 Dec. 2010
(Issue:)

Da reemissão:
(Reissue:)


HÉLIO TARQUINIO JÚNIOR

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


DINO ISHIKURA

Superintendente de Aeronavegabilidade
(Airworthiness Superintendent)



ANAC

AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL - BRASIL

Folha de Continuação ao
(Continuation Sheet to)

CERTIFICADO SUPLEMENTAR DE TIPO
(Supplemental Type Certificate)

NÚMERO 2010S12-07
(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. Operation must be performed in accordance with the applicable FAA approved Rotorcraft Flight Manual Supplement (AFMS) specified below:
 - Document No. 121-051-00, Rev. 1, dated 25 Feb. 2010, or later approved revision, for the Onboard Systems 200-324-00, 200-325-00 and 200-325-01 Cargo Hook kits; or.
 - Document No. 121-048-00, Rev. 2, dated 01 July 2009, or later approved revision, for the Onboard Systems 200-326-00, 200-327-00 and 200-327-01 Cargo Hook kits.
- IV. Installation of the Cargo Hook Kit in accordance with the following approved documents:
 - Owner' Manual document No. 120-137-00, Rev. 4, dated 27 July 2010, or later approved revision, for the Onboard Systems 200-324-00, 200-325-00, or 200-325-01 Cargo Hook kit;
 - Owner's Manual document No. 120-132-00, Rev. 5, dated 27 July 2010, or later approved revision, for the Onboard Systems 200-326-00, 200-327-00 or 200-327-01 Cargo Hook kit.
- V. Installation of the 200-340-00 Load Weight Kit in accordance with above identified Onboard System International Owner's Manual for either the model 200-325-01 or 200-327-01 cargo hook kit, as applicable.



ANAC

AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL - BRASIL

Folha de Continuação ao
(Continuation Sheet to)

CERTIFICADO SUPLEMENTAR DE TIPO

(Supplemental Type Certificate)

NÚMERO 2010S12-07
(Number)

LIMITAÇÕES E CONDIÇÕES:
(Limitations and Conditions:)

- VI. This modification must be Inspected and Maintained in accordance with:
- Onboard Systems International Instruction for Continued Airworthiness, Section ATA 5 document No. 123-030-00, Rev. 04, dated 23 July 2010 or later FAA approved revision;
 - Onboard Systems International Cargo Hook Component Maintenance Manual document No. 122-001-00, Rev. 13 dated 13 Sep. 2010, or later FAA approved revision for cargo hook kit P/N 200-324-00, P/N 200-325-00 and P/N 200-325-01;
 - Onboard Systems International Cargo Hook Service Manual document No. 122-018-00, Rev. 7, dated 17 Sep. 2010, or later FAA approved revision for cargo hook kit P/N 200-326-00; and
 - Onboard Systems International Cargo Hook Service Manual document No. 122-017-00, Rev. 10 dated 17 Sep. 2010, or later FAA approved revision for cargo hook kit P/N 200-327-00 and 200-327-01.
- VII. Approval of this change in type design applies only to those Robinson rotorcraft models listed above which are equipped with Robinson hard point/tie down block part number (P/N) D134-1,
- VIII. Cargo hook kit models 200-324-00 and 200-326-00 are eligible for installation on R44 only. Cargo Hook Kit models 200-325-00, 200-325-01, 200-327-00 and 200-327-01 are eligible for installation on R44 II only..
- IX. A copy of this Certificate and the Supplement referred on item III, as applicable, above shall be maintained as part of the permanent records of the modified aircraft.

-----END-----