



## CERTIFICADO SUPLEMENTAR DE TIPO

(Supplemental Type Certificate)

**NÚMERO**                    **2015S03-11**  
(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  
(is granted to:)            13915 NW 3<sup>rd</sup> 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 therefor as)  
**especificadas, satisfeito aos requisitos de aeronavegabilidade aplicáveis.**  
(specified hereon, met the applicable airworthiness requirements.)

**Produto Original - Número do Certificado de Tipo:**    \* See attached ANAC Approved Model List (AML), Rev. I.R.,  
(Original Product - Type Certificate No:):                    dated 16 Mar. 2015, or later approved revisions.

**Fabricante:**                    \*  
(Manufacturer:)

**Modelo(s):**                    \*  
(Model(s):)

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

Installation of the Cargo Hook kits in accordance with Onboard Systems Master Drawing List No. 155-112-00, Rev. 10, dated 22 April 2014 or later approved revision.

This CST validates in Brazil the STC No. SR01778SE, issued by FAA (USA).

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

See continuation sheet for applicable data.

**DATAS:**  
(Dates of:)

**Do Requerimento:** 03 Nov. 2014  
(Application:)

**Da emissão:** 16 Mar. 2015  
(Issuance:)

**Da reemissão:**  
(Reissuance:)

**Da emenda:**  
(Amendment:)

**MÁRIO IGAWA**

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

**DINÔ ISHIKURA**

Superintendente de Aeronavegabilidade  
(Airworthiness Superintendent)



Folha de Continuação ao  
(Continuation Sheet to)

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

**NÚMERO 2015S03-11**  
(Number)

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

- I. The approval of this type design change should not be extended to other rotorcraft 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 rotorcraft.
- 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. Approval of this change in type design applies to only those MD Helicopter model rotorcraft listed in the AML which were previously equipped with a FAA approved installation of the MD Helicopter cargo hook suspension systems or Onboard System Model 200-187-00 or 200-264-00 cargo hook kits.
- IV. Operation must be performed in accordance with the applicable FAA approved Onboard Systems Rotorcraft Flight Manual Supplement (RFMS) specified below:
  - Document No. 121-028-00, Rev 1 dated 26 Oct. 2011 or later approved revisions for Cargo Hook kits 200-300-00 or 200-301-00
  - Document No. 121-028-01, Rev. I.R., dated 4 October 2011 or later FAA approved revision for Cargo Hook Kits 200-378-00 or 200-379-00.
- V. Instructions for Continued Airworthiness (ICA) prescribed in the attached ANAC Approved Model List (AML), or later approved revisions are required for this installation.
- VI. A copy of this Certificate, the applicable Supplement referred on item IV above, the ANAC Approved Model List (AML) for CST No. 2015S03-11, ICA and Cargo Hook Service Manual shall be maintained as part of the permanent records of the modified rotorcraft.

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**ANAC APPROVED MODEL LIST (AML)  
FOR CST 2015S03-11**

Item	Rotorcraft Make	Rotorcraft Model	Type Certification Number
1	MD Helicopters, Inc.	369D, 369E, 369FF, 369HS	H3WE (FAA)
2	MD Helicopters, Inc.	500N	9204 (ANAC)

Hook Kit P/N	Owner's Manual No.	Instructions for Continued Airworthiness and Cargo Hook Service Manual
200-300-00	120-119-00, Revision 3, dated 3 Aug. 2010	123-021-00, Rev. 3, dated 19 Dec. 2011 122-015-00, Rev 18, dated 3 Mar. 2014
200-301-00	120-121-00, Revision 5, dated 2 Mar. 2010	123-021-00, Rev. 3, dated 19 Dec. 2011 122-015-00, Rev 18, dated 3 Mar. 2014
200-378-00	120-207-00, Revision 0, dated 2 Mar. 2011	123-021-01, Rev. 3, dated 20 Nov. 2013 122-015-00, Rev 18, dated 3 Mar. 2014
200-379-00	120-207-00, Revision 0, dated 2 Mar. 2011	123-021-01, Rev. 3, dated 20 Nov. 2013 122-015-00, Rev 18, dated 3 Mar. 2014
200-383-00	120-207-00, Revision 0, dated 2 Mar. 2011	123-021-01, Rev. 3, dated 20 Nov. 2013

ANAC Approved:

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

ANAC Approved Date: **16 Mar. 2015**

Revision: **I.R.**