

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

Number SR00578SE*This certificate, issued to:***Onboard Systems International
13915 NW 3rd Court
Vancouver, WA 98685**

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 27 of the Federal Aviation Regulations.

Original Product—Type Certificate Number: H11NM
Make: Robinson
Model: R44, R44 II

Description of the Type Design Change: Fabrication of Onboard Systems International Cargo Hook Kits Model 200-227-00 (without load weigh), Model 200-228-00 (with load weigh), Model 200-313-00 (28V, without load weigh), Model 200-314-00 (28V, with load weigh), in accordance with FAA-approved Onboard Systems International Master Drawing List Number 155-043-00, Revision 16, dated October 12, 2009, or later FAA-approved revision. Installation of the Onboard Systems International Cargo Hook Kits Model 200-227-00 or 200-228-00, on Robinson R44 model rotorcraft, is in accordance with FAA-approved Onboard Systems International Owner's Manual Number 120-077-00, Revision 14, dated October 12, 2009, or later FAA-approved revision. (Continued on Page 3)

Limitations and Conditions: 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. Cargo Hook Kit models 200-227-00 and 200-228-00 are eligible for installation on R44 only. Cargo Hook Kit models 200-313-00 and 200-314-00 are eligible for installation on R44 II only. This approval should not be extended to rotorcraft of these models 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. Modified Robinson R44 rotorcraft must be operated in accordance with the FAA-approved Onboard Systems International Rotorcraft Flight Manual Supplement (RFMS) Number 120-077-00, dated November 16, 2005, or later FAA-approved revision. (Continued on Page 3).

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: August 31, 1998
Date of issuance: September 28, 1998

Date reissued:
Date amended: March 13, 2002; January 13, 2003;
October 09, 2007; December 15, 2009



By direction of the Administrator

Original Signed by Robert H. Duffer for

(Signature)
Acting Manager, Seattle Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

Supplemental Type Certificate

(Continuation Sheet)

Number **SR00578SE**

Onboard Systems International

Issued: September 28, 1998

Amended: March 13, 2002; January 13, 2003; October 09, 2007; December 15, 2009

Description of the Type Design Change continued:

This modification must be inspected and maintained in accordance with Section 5 of Onboard Systems International Owner's Manual Number 120-077-00, Revision 14, dated October 12, 2009, or later FAA-approved revision, and Cargo Hook Component Maintenance Manual Number 122-001-00, Revision 9, dated October 16, 2009, or later FAA-approved revision.

Installation of the Onboard Systems International Cargo Hook Kits Model 200-313-00 or 200-314-00, on Robinson R44 II rotorcraft, is in accordance with FAA-approved Onboard Systems International Owner's Manual Number 120-128-00, Revision 1, dated December 11, 2007, or later FAA-approved revision. This modification must be inspected and maintained in accordance with Section 5 of Onboard Systems International Owner's Manual Number 120-128-00, Revision 1, dated December 11, 2007, or later FAA-approved revision, and Cargo Hook Component Maintenance Manual Number 122-001-00, Revision 9, dated October 16, 2009, or later FAA-approved revision.

Limitations and Conditions continued:

Modified Robinson R44 II rotorcraft must be operated in accordance with the FAA-approved Onboard Systems International Rotorcraft Flight Manual Supplement (RFMS) Number 121-041-00, dated October 05, 2007, or later FAA-approved revision.

A copy of this Certificate, Owner's Manual, Service Manual, and FAA-approved RFMS must be maintained as part of the permanent records of the modified rotorcraft.

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.

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Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.