

# Supplemental Type Certificate

## Number SR00808SE

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

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

**Original Product—Type Certificate Number:** H3EU

**Make:** Messerschmitt-Bolkow-Blohm

**Model:** BO 105S

**Description of the Type Design Change:** Fabrication of Onboard Systems Model 200-253-00 (without load weigh) and Model 200-254-00 (with load weigh) Big Mouth Hook Kit and Model 200-290-00 (without load weigh) and Model 200-291-00 (with load weigh) 3.5KK Cargo Hook Kit in accordance with FAA approved Onboard Systems Master Drawing List No. 155-056-00, Revision 4, dated May 14, 2003, or later FAA approved revision; and installation of these replacement cargo hooks in accordance with FAA approved Onboard Systems Owner's Manuals No. 120-088-00, Revision 4, dated January 23, 2003, for the Big Mouth Hook Kit and No. 120-110-00, Revision 0, dated April 4, 2003, for the 3.5KK Cargo Hook Kit, or later FAA approved revisions. This modification must be inspected in accordance with Section 5 of the Onboard Systems Owner's Manual No. 120-088-00, Revision 4, dated January 23, 2003, for the Big Mouth Hook Kit and Section 5 of the Onboard Systems Owner's Manual No. 120-110-00, Revision 0, dated April 4, 2003, and FAA approved Onboard Systems Cargo Hook Service Manual No. 122-005-00, dated October 10, 2002, for the 3.5KK Cargo Hook Kit, or later FAA approved revisions.

**Limitations and Conditions:** Approval of this change in type design applies to only Messerschmitt-Bolkow-Blohm model rotorcraft listed above, which are modified with a FAA approved installation of a Breeze Eastern P/N 14027-6 hook per STC SH286NE. 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 rotorcraft must be operated in accordance with an FAA approved copy of Onboard Systems Rotorcraft Flight Manual Supplement (RFMS) No. 120-088-00, dated June 5, 2000, for the Big Mouth Kit and Onboard Systems Rotorcraft Flight Manual Supplement (RFMS) No. 121-018-00, Revision 0, dated September 11, 2003, for the 3.5KK Cargo Hook Kit, or later FAA approved revisions. A copy of this Certificate, Owner's Manual, Service Manual and the FAA approved RFMS must be maintained as a 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.

**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:** March 31, 2000

**Date of issuance:** June 5, 2000

**Date reissued:**

**Date amended:** May 1, 2001; January 13, 2003;  
September 11, 2003

**By direction of the Administrator**



(Signature)

Acting Manager, Seattle Aircraft  
Certification Office

(Title)

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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.*

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FAA FORM 8110-2(10-68)

*This certificate may be transferred in accordance with FAR 21.47.*