



European Aviation Safety Agency

SUPPLEMENTAL TYPE CERTIFICATE

10016937, REV. 2

This Supplemental Type Certificate is issued by EASA, acting in accordance with Regulation (EC) No. 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation and in accordance with Commission Regulation (EC) No. 1702/2003 to

**ONBOARD SYSTEMS INT.
13915 NW 3rd COURT
VANCOUVER WA 98685
USA**

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and environmental protection requirements when operated within the conditions and limitations specified below:

Original Product TC Number: EASA.R.008
TC Holder: EUROCOPTER
Model: AS 350 B, AS 350 B1
Model: AS 350 B2, AS 350 B3
Model: AS 350 BA, AS 350 D
Original STC Number: FAA STC SR01164SE

EASA Certification Basis:

As per EASA TCDS.R.008 Issue 04, 23 November 2009.

The Certification Basis for the original product and the following additional or alternative airworthiness requirements are applicable to this certificate/ approval.

Change under Revision 2 complies with FAR 27 at amdt 27-39.

The requirements for environmental protection and the associated certificated noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval.

Description of Design Change:

External Load Swing Suspension System models 200-280-01 and -04 (with Keeperless Cargo Hooks) and model 200-280-02 and -03 (with Hydraulic Cargo Hooks)

Revision 1 - introduced cargo hook kit 200-280-03 with a collective friction knob and a new release lever to accommodate the AS350B3 style collective configuration

Revision 2 - introduced cargo hook kit 200-280-04 (with Keeperless Cargo Hook 528-029-00)

See Continuation Sheet(s)

For the European Aviation Safety Agency,

Date of issue: 21.06.2010

Massimo MAZZOLETTI
**For Massimo MAZZOLETTI
Certification Manager
Rotorcraft, Balloons, Airships**

Note:

The following numbers are listed on the certificate:
EASA old Project Number: EASA.IM.R.S.01324, REV. 2

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This STC is the validation of FAA STC SR01164SE issued on January 22, 2003 and last amended on April 13, 2010

Associated Technical Documentation:

Definition and installation:

Onboard Systems Master Drawing List No. 155-086-00, Rev. 27, dated October 30, 2009, approved by FAA.

Onboard Systems Owner's Manual:

No. 120-104-01 (for system model 20028001), Rev. 10 dated October 30, 2008, approved by FAA,
or

No. 120-104-02 (for system model 20028002 and -03), Revision 18 dated July 1, 2009, approved by FAA,
or

No. 120-104-03 (for system model 20028004), Revision 0 dated October 12, 2009, approved by FAA.

Inspection and maintenance:

Onboard Systems Instructions for Continued Airworthiness:

No. 123011-01 (for system model 20028001), Rev. 3 dated October 29, 2007 approved by FAA,
or

No. 123011-02 (for system model 20028002 and -03), Rev. 5 dated January 27, 2009 approved by FAA,
or

No. 123011-03 (for system model 20028004), Rev. 0 dated January 27, 2010 approved by FAA,
and

Onboard Systems Service Manual:

No. 122005-00 (for Keeperless Cargo Hook 528-023-01), Rev. 17 dated March 9, 2010 approved by FAA,
or

No. 122-015-00 (for Hydraulic Cargo Hook), Rev. 7 dated January 30, 2009 approved by FAA,
or

No. 122-017-00 (for Keeperless Cargo Hook 528-029-00), Rev. 8 dated March 10, 2010 approved by FAA.

Operation:

Onboard Systems RFMS:

No. 121-012-01 (for system model 20028001), Rev. 2 dated June 12, 2007 approved by FAA,
or

No. 121-012-02 (for system model 200-280-02 and -03) Rev. 3 dated October 25, 2007 approved by FAA,
or

No. 121-012-03 (for system model 200-280-04) Rev. 0 dated March 4, 2010 approved by FAA.

Note:

The following numbers are listed on the certificate:

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or later revisions of the above listed documents approved by EASA in accordance with EASA ED Decision 2004/04/CF (or subsequent revisions of this decision)

Limitations:

1. EASA-approved AS350 Flight Manual and <External Load Transport: Cargo Swing> FM supplement are required.
2. This STC is approved only for the product configuration as defined in the approved design data referred to in the paragraph "Description". Compatibility with other aircraft/engine configurations shall be determined by the installer.
3. Installation and operation of the system on AS350B3 with the modification OP-3369 incorporated is not approved.

Conditions:

Prior to installation of this modification it must be determined that the interrelationship between this modification and any other previously installed modification and/ or repair will introduce no adverse effect upon the airworthiness of the product.

This Certificate shall remain valid unless otherwise surrendered or revoked.

- end -

Note:

The following numbers are listed on the certificate:
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