



Your Ref. :
Our Ref. : DCA/AW/VSTC/2017/015
Date : 25 May 2017

Onboard Systems
13915 N.W. 3rd Court
Vancouver, WA 98685
United States of America

Attn: **Mr. Mark Hanson**
Certification Manager

Dear Sir,

VALIDATION OF FAA SUPPLEMENTAL TYPE CERTIFICATE NO. SR01795SE

This is in reference to FAA letter 102S-17-34 dated Feb 15, 2017 and your letter to the FAA dated January 19, 2017 requesting validation of FAA Supplemental Type Certificate (STC) No. SR01795SE date issued 06 November 2007.

This letter certifies that the following Supplemental Type Certificate (STC) is acceptable for Malaysian Airworthiness Certification: -

STC Validation Reference No:	VSTC/2017/015
STC Holder:	Onboard Systems
STC Reference Number:	SR01795SE date issued 06 November 2007 or later FAA approved revision.
National Aviation Authority / State of Design:	FAA / USA
Description of Design Change:	Fabrication and Installation of Onboard Systems Model 200-308-00 Cargo Hook Suspension Kit.
STC applicable to Aircraft/ Engine type or model:	Eurocopter France EC120B
DCA Type Acceptance:	DCA/AW/AT/EC120

Limitations and Conditions: -

1. Fabrication of Onboard Systems Model 200-308-00, Cargo Hook Suspension Kit, in accordance with FAA-approved Onboard Systems Master Drawing List No. 155-115-00 Revision 1, dated October 22, 2007, or later FAA-approved revision.
2. Installation of the 200-308-00, Cargo Hook Suspension Kit, in accordance with FAA-approved Onboard Systems Owner's Manual No. 120-123-00, Revision 1, dated October 17, 2007, or later FAA-approved revision.
3. Modified rotorcraft shall be inspected and maintained in accordance with Section ATA 5 of the FAA-approved Onboard Systems Instruction for Continued Airworthiness Document No. 123-024-00, Revision 0, dated February 6, 2007, or later FAA-approved revision, and Onboard Systems Cargo Hook Service Manual No. 122-015-00, Revision 2, dated November 9, 2005, or later FAA-approved revision.
4. 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.
5. Modified rotorcraft shall be operated in accordance with FAA-approved Onboard Rotorcraft Flight Manual Supplement (RFMS), No. 121-031-00, Revision 0, dated October 31, 2007, or later FAA-approved revision.

Notes:

- a. Maximum operational air speed of the modified rotorcraft with external loads is dependent upon the load configuration and sling length. **The operator shall establish the maximum operational speed for each specific configuration.**
 - b. Performance of modified rotorcraft will be reduced depending on the size, weight and shape of the external load. **The operator shall establish the performance criteria for each specific configuration.**
 - c. **Centre of gravity limits shall be checked by the operator with and without the external load** to verify that the rotorcraft is within the approved centre of gravity limits.
6. A copy of STC SR01795SE certificate, FAA-approved RFMS, and Maintenance Manual shall be maintained as part of the permanent records of the modified rotorcraft.
 7. If the holder agrees to permit another person to use STC SR01795SE to alter the product, the holder shall give the other person written evidence of that permission.
 8. Appropriate installation approval shall be obtained for the embodiment of STC SR01795SE.
 9. Human External Cargo (HEC) operation is prohibited.
 10. **The validation of this STC does not constitute operational approval.**
 11. All other limitations and conditions as stated in STC SR01795SE apply.

This validation letter shall remain valid unless otherwise cancelled, superseded or revoked by the Director General of Civil Aviation.

Thank You.

"BERKHIDMAT UNTUK NEGARA"

Yours faithfully,



(SAMSUDIN AB MAJID)

Airworthiness Sector
For Director General Civil Aviation
MALAYSIA