

## SUPPLEMENTAL TYPE CERTIFICATE

**10017282 REV. 2**

This Certificate/Approval is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation and in accordance with Commission Regulation (EU) No. 748/2012 to

### ECMS AVIATION SYSTEMS GMBH

**HIRSCHMANNRING 28  
71726 BENNINGEN  
GERMANY**

EASA.21J.301

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, if applicable, environmental protection requirements when operated within the conditions and limitations specified below:

**Type Certificate Number:** EASA.R.010

**Type Certificate Holder:** AIRBUS HELICOPTERS DEUTSCHLAND

**Type:** MBB BK117

**Model:** MBB-BK 117 A-1

MBB-BK 117 A-3

MBB-BK 117 A-4

MBB-BK 117 B-1

MBB-BK 117 B-2

MBB-BK 117 C-1

MBB-BK 117 C-2

MBB-BK 117 C-2e

MBB-BK 117 D-2

MBB-BK 117 D-2m

**Description of Design Change:**


Installation of HEC Rope System HRS01

Rev. 1: Extension of applicability to BK117 C-2e, BK117 D-2 and BK117 D-2m

See Continuation Sheet(s)

**For the European Aviation Safety Agency**

**Cologne, Germany, 25 October 2018**



**Fabrice LEGAY**

**Medium Rotorcraft  
Section Manager**





Rev. 2: Addition and removal of components, introduction of a new high load variant. Associated change to RFMS and CMM.

**EASA Certification Basis:**

The Certification Basis for the original product as amended by the following additional or alternative airworthiness requirements:

the following paragraph(s) at a later amendment:

CS 29 amendment 3:

29.25, 29.27, 29.65, 29.141, 29.251, 29.301, 29.303, 29.305, 29.307, 29.309, 29.337, 29.341, 29.571, 29.603, 29.605, 29.625, 29.865, 29.1501, 29.1503, 29.1519, 29.1525, 29.1529, 29.1583, 29.1585, 29.1589;

CS 29 Appendix A - A29.2, A29.4.

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

**Associated Technical Documentation:**

-Flight Manual Supplement, Doc No. HRS01\_FMS\_BK117\_EASA\_R3 Stand 20181009, Revision 3, dated 01.06.2018

- Lifetime Limitations for Personnel Carrying Devices and associated equipment, Doc. No. PCDS\_Lifetime\_Limitations\_EASA\_R1, Revision 1, dated 03.07.2018

-HRS01 Equipment List, Doc. No. HRS01\_EL\_BK117\_EASA\_R4 Stand 2018-10-09\_2, Revision 4, dated 19.07.2018

-Maintenance Manual and User Guide, Doc. No. HRS01\_MM\_UG\_EASA\_R2\_20181009, Revision 2, dated 05.07.2018

or later revisions of the above listed document(s) approved/accepted under the EASA system

**Limitations/Conditions:**

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

- End -