

SUPPLEMENTAL TYPE CERTIFICATE

10027594 REV. 13

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

NSE

**LA GRAND-CROIX
03250 NIZEROLLES
FRANCE**

EASA.AP045

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.508

Type Certificate Holder: AIRBUS HELICOPTERS

Type: EC 120

Model: EC 120 B

Description of Design Change:

Installation of Night Image Vision System kit, allowing Night VFR flight with Night Vision Goggles.

Rev. 2: Changes temperature limitation in Rotorcraft Flight Manual.

Rev. 3: Incorporates Minor Changes to NVIS Shunt and LACU.

Rev. 4: Displays administrative changes to include all applicable documentation.

Rev. 5: Modifications of filters and electrical connections in the Night Vision Instrument Lighting System.

Rev. 6: Update of documentation iaw. NVIS Certification Memorandum.

Rev. 7: VFR NVIS Lighting System Kit p/n 57B-1000-1000 Amdt. 6, including updated horizon and altimeter bezel, wiring cut-off connector, LED map lights, VHF CTL-22D, revised RFMS Rev09 and editorial update to documentation following STC transfer from ECT to NSE.

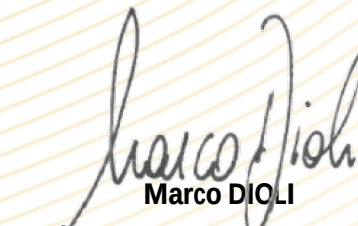
Rev. 8: Addition of NVG types OB56B and HELIE ALAT MARINE F0.95 (nse CRI NVIS, Issue 1); EC120 B s/n added; revised RFMS Rev. 12; Integration of 57B-1000-000 AMDT. 07 kit including NR/NF bezel as well as position and anti-collision lights references.

Rev. 9: Improvement of day light readability of VHF CTL22 D screen (photocell: activation / deactivation); weight and moment values updated; EC120 B s/n added; revised RFMS Rev. 13.

See Continuation Sheet(s)

For the European Union Aviation Safety Agency

Cologne, Germany, 09 July 2025



Marco DIOLI
Section Manager Heavy Rotorcraft



Rev. 10: EC120 B s/n added; revised RFMS Rev. 14 (carried over from Minor Change 10059469); revised RFMS Rev. 15.

Rev 11: Addition of NVG type OB56C; revised RFMS Rev. 16; clarification of cable/battery powered NVG option 5.

Rev. 12: Addition of 'Cockpit Type 2 - Configuration 9'; alternative for obsolescent filter material; removal of NVG; update of 'Approved NVG' list.

Rev. 13: configuration of aircraft (equipment evolution), installation of LED ramp and variophare, inhibition of a strobe light function during NVIS operation.

EASA Certification Basis:

The Type and OSD Certification Bases (CB) for the original product remains applicable to this certificate/approval.

The requirements for environmental protection and the associated certified noise and/ or emissions levels of the product are unchanged and remain applicable to this certificate/approval without any impact on the noise database.

Associated Technical Documentation:

Certification Program CP-NAF2400124-A2, dated 06 May 2025.

EC 120 NVIS STC DATA LIST, SDL-57B-1000-000, Rev. 09.

ROTORCRAFT FLIGHT MANUAL SUPPLEMENT, RFMS-0010-09BE10-EN, Rev. 21.

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

Limitations/Conditions:

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

Limitations:

Refer to applicable RFM for list of equipment mandatory for Night Vision Image System certification EC 120 B equipped with STC 10027594, revision 13

Conditions:

The first installation of the kit must be supervised by the STC holder.

Rotorcraft modified by this STC employs Night Vision Imaging System lighting, commonly named NVIS lighting, which has been certified to ensure the aircraft is compatible with Night Vision Goggles (NVG). For this reason, any deviation from the cockpit or cabin configuration specified in this STC may affect the compatibility of the NVIS lighting and may require a re-evaluation for NVG compatibility, substantiated by further approval. Once the aircraft is modified with this STC, any future modification that adds or changes systems that emit or reflect light have the potential to alter or change the NVIS lighting vs NVG compatibility, and therefore may require further approval.

- End -

