European Aviation Safety Agency

European Technical Standard Order (ETSO)

Subject: NIGHT VISION GOGGLES (NVG)

1 — Applicability
This ETSO gives the requirements which Night Vision Goggles (NVG) that are manufactured on or after the date of this ETSO must meet in order to be identified with the applicable ETSO marking.

2 — Procedures
2.1 — General
Applicable procedures are detailed in CS-ETSO, Subpart A.
2.2 — Specific
None.

3 — Technical conditions
3.1 — Basic
3.1.1 — Minimum performance standard
3.1.2 — Environmental standard
See CS-ETSO, Subpart A, paragraph 2.1.
3.1.3 — Software
See CS-ETSO, Subpart A, paragraph 2.2.
3.1.4 — Airborne electronic hardware
See CS-ETSO, Subpart A, paragraph 2.3.
3.2 — Specific
3.2.1 Failure condition classification
See CS-ETSO, Subpart A, paragraph 2.4.

Failure of the function defined in paragraph 3.1.1 of this ETSO has been determined to be a major failure condition.
4 — Marking

4.1 — General
Marking as detailed in CS-ETSO, Subpart A, paragraph 1.2.

4.2 — Specific
If the night vision goggle includes airborne software, then the part number must include hardware and software identification. Or, you can use a separate part number for hardware and software. Either way, you must include a means for showing the modification status.

5 — Availability of referenced document
See CS-ETSO, Subpart A, paragraph 3.