

Night Vision Solutions



With 20 years experience, NSE Industries has become a European leader in the field of night vision by providing full NVIS packages with military and civil certifications. We provide:

- The adaptation of internal and external lighting
- Services ranging from single instrument modification to complete aircraft lighting adaptation.

NSE can provide Night Vision Goggles for his customers. STC certification is also proceeded by NSE when required.

Experience

NSE Industries has upgraded more than **1000 commercial & military aircraft** worldwide (Helicopters & Planes) and was delivered the first EASA approved STC. These modifications combine internal lighting modification, bezels, post lights, cockpit floodlights, backlit panels, specific filters and lighting harmonization control units.

Some examples are set hereafter : EC 120, EC135, AS 350, AS 355, SA 365, SA 315 Lama, SW4, Sokol, AS 332 Super-Puma, Gazelle, SA 321 Super-Frelon, SA 330 Puma, Agusta A-109, Sea King, Bell 412, Mi-17, Mi-24, CN-235, C-295, C135, Mirage 2000, F18.

NSE is **PART 145 & PART 21** approved and will provide solutions tailored to your exact requirement in reduced lead times.



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Certification Process

- 1- First step : Initial proposal based on know how
- 2 - Second step : EASA specification inputs :
 - Operational flight requirements or specificity
 - Cockpit minimum equipment
 - External lighting can be considered
 - NVG can be provided
 - Specific accessories (curtain, etc..)
- 3 - Final proposal is based on aircraft survey
- 4 - NVIS kit installation and conformity checkup
- 5 - Ground and flight test sequences
- 6 - EASA approval and certification



External Lighting

NSE Industries designs, develops and manufactures a wide range of dual mode external lighting systems for commercial & military aircraft. Our range of products includes:

- Landing Lights
- Formation Lights
- Positions Lights
- Search Lights



Internal Lighting

NSE has patented solutions for cockpit and cabin modifications including a unique control unit allowing perfect harmonized panels. Our products are ergonomic, highly reliable, discreet, non tiring and easy to install. NSE also modifies instruments to ensure NVIS compatibility by using non intrusive and reversible solutions.

- NVIS filters
- Bulb replacement
- Miniature filtered lamps
- Led floodlights
- Tailored backlit panel



Site de production / Production site

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