

NVG/NVIS Compatible Cockpit Panels

Paramount Panels UK capabilities in designing and manufacturing illuminated control panels meeting the requirements for night vision compatibility is one of our key specialities, and our dedicated team of engineers and product managers can help and give free advice with any requirements that you may have. Our product range covers all types of NVG compatible control panels, and meets the stringent specifications covering NVIS lighting, including:

MIL-DTL-7788, SAE AS 7788, MIL-STD-3009 and MIL-L-85762.

In conjunction to our illuminated panel ranges (Class 1, NVIS Green A), we also produce a comprehensive range of NVG Compatible lighting devices, which have been developed to satisfy the diverse requirements, associated with cockpit conversions and new installations. These include Pillar/Post lights, lighting Bridge Assemblies, instrument lighting Bezels and indicator lights.

Our compliance to NVIS standards can be demonstrated and reported using our in house Radiospectrometer, and our other comprehensive range of test equipment.

Panel types that we manufacture are as defined in the international Specifications, MIL-DTL-7788, SAE AS7788 & MIL-P-7788, That cover this product line, and consequently we supply panel types and classes:

Type, III...One piece plastic panels, which utilise MS25237 screw in place lamp/NVIS Filter assemblies.

Type IV...One piece panels with embedded wired incandescent lamps and NVIS filters.

Type V...Printed circuit board panels, with a rear removable PCB, populated with incandescent lamps. NVIS filters installed.

Type VI...Electroluminescent panels, with an encapsulated EL lamp, filtered for NVIS.

Type VII...Printed circuit board panels, with a rear removable PCB, populated with LED light sources, NVIS compatible.

We also can **integrate annunciators or indicators** within the panel design with independent circuits, where their illumination being controlled from the panel lighting circuit board, Type VII. Where these annunciators are sunlight readable meeting the requirements of MIL-PRF-22885G, and MIL-STD-3009. All NVIS Colours that can be utilised, and even text within the annunciator window can be incorporated as secret until lit characters.

Our range of NVIS products are in service with many Military and Civil services, including police and security forces, around the world. And platforms include:

Chinook, Lynx, Bell 214, 412, Sea King, 109E, Super Puma, Puma, Tiger, MRH90, C130, Tornado, F5, F18, Jaguar, etc, etc.

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Secret until lit
annunciators, shown
illuminated