

AIR

Aircraft Lighting





ENHANCE DAY & NIGHT FLIGHT OPERATIONS

with High Quality Lighting Solutions

EXTERNAL LIGHTING

Oxley has a range of customised and off the shelf lighting designs for all external positions; whether for technological enhancement or to convert aircraft for use with NVGs.

- Navigation
- Tail position
- Formation
- Anti-collision
- Landing
- Taxi
- Fuel probe
- Strobe
- Electronic control units



Anti-collision light

The latest advancements include the next generation LED taxi and landing lights; these are low wattage, lightweight and have been designed to deliver full performance over the whole aircraft operating temperature range. The peak intensity of the landing light is 400,000cd and the taxi light is 42,000cd, both lights are NVG Friendly, don't require replacement bulbs, are resistant to shock and vibration and have a MTBF of over 10,000 hours.



PAR 64 landing light replacement



Dual mode high intensity landing light



IR formation lighting



Aircraft wing tip and tail lights



COCKPIT LIGHTING

We have a wide range of MIL-STD-3009 NVG compatible components available and offer a full night vision cockpit upgrade service.

- Equipment modifications
- Optical filters
- Bridges
- Bezels
- Panel lamps
- Type III caps
- T1 LED bulb replacements
- Edge lit panels
- Indicators



Cockpit utility light

INTERNAL LIGHTING

We provide standard and customised solutions in LED visible and night vision technologies for cabin, cargo bay, loading ramp, exit, walkways and general illumination.

- Emergency egress
- Dome
- Area
- Mini floodlight



Mini floodlight



Cargo bay LED replacement

COMPANY

Pioneers of optical and LED technology, Oxley has a wealth of knowledge and expertise in the field of aircraft lighting systems. We are world renowned for our aircraft upgrades and components that are designed for day and night operations where night vision goggles (NVG) or night vision imaging systems (NVIS) will be used.

CAPABILITY

Oxley is a turnkey provider of aircraft lighting. World leaders in night vision lighting, we have a total capability in design and manufacture and an ongoing commitment to finding new and innovative ways of applying our expertise to solve customer problems. We have in-house optical coating, precision machining, assembly and test facilities to enable rapid turnaround of prototype developments, modifications and UOR requirements.

EXPERTISE

Established since 1942, we were involved in the UK's first NVG compatible cockpit conversion for the UK Ministry of Defence; coined the term NVG Friendly and have registered many patents for lighting technology developments. From fleet-wide upgrades and cockpit components to external LED lighting, Oxley have products and solutions to meet any aircraft lighting requirement.

PLATFORMS

A-109E

ALOUETTE III

AS-330, 332, 350, 365

ATLANTE

BELL 205, 206, 212, 412

BLACKHAWK

C-90, C-130

CH-47

EA-6B

EH-101

F-5, F-14, F-15, F-16, F-18, F-111

GRIPEN

HAWK 100

HERTI

JAGUAR

K-FX

LYNX

MD-530, MD-902

MH-53

Mi-2, Mi-8, Mi-17, Mi-24

S-76, S-92, H-92

SEA-KING

TORNADO

UH-1H

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