

LED Drogue Illumination System

Superior Illumination With Enhanced Maintainability

COBHAM

The most important thing we build is trust



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Improving Maintainability Durability and Performance

COBHAM

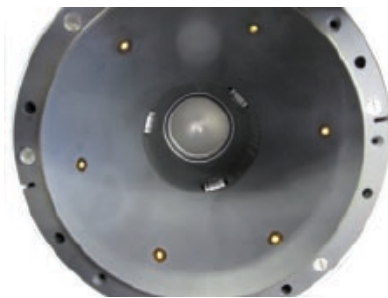


Cobham's new LED Drogue Illumination System (LDIS) utilises the latest LED lighting technology to provide improved drogue visibility for receiver pilots.

Fully qualified as a direct alternative replacement for standard MA3 and MA4 reception couplings, the new system offers significant through-life cost savings as a result of its improved reliability, performance and limited maintenance.



Design Features



6 filtered LED array. Night vision equipment (NVIS) friendly



Brushless Air Driven Generator (ADG) with machined Turbine Impellor



Alternative Para Drogues replace Beta Lights Para Drogues

Performance

- Environmentally friendly alternative to Gaseous Tritium Light Source (GTLS) Beta Lights
- Direct replacement for standard MA3/MA4 Reception Couplings
- Improved Drogue visibility for receiver pilots
- Cost effective modification to customer owned MA3/MA4 Reception Couplings and associated Para Drogue Canopies
- Night vision equipment (NVIS) friendly high reliability filtered LED array
- Reduced bonding check requirements
- New repackaged Brushless Air Driven Generator (ADG) eliminates brush wear and contact brush sparks
- New improved 12 blade Turbine Impellor is more robust and less susceptible to damage
- New and improved aerodynamic shroud

Benefits

- 'Off the shelf' fully qualified solution
- Phase out hazardous material and environmentally unfriendly GTLS Beta Light illumination systems
- Reduced through-life costs
- Simple modification of existing customer MA3/MA4 Coupling Inventory
- Fully interchangeable with existing MA3/MA4 Reception Couplings
- Designed to reduce maintenance tasks and time
- ADG and LED array available as Line Replaceable Units (LRU's) improving serviceability

For further information please contact:

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