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Press release

For immediate release

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Avlite Announces Next Generation Solar Portable Airfield Lighting System (PALS)

Avlite's Portable Airfield Lighting System is vital to Commercial Airports, Military, Humanitarian Aid Operations and Crisis Management. Responding rapidly to incidents, disease or natural disasters are absolutely critical towards saving lives.

Somerville, Victoria, Australia – 9 June, 2015 — Avlite Systems today announced the next generation of its Solar Portable Airfield Lighting System trailer (Solar PALS). Avlite's PALS trailer is a convenient, fully transportable, autonomous lighting system for easy, rapid deployment supporting temporary or long term operations for both civil and defence aviation: fixed and rotary operations. The trailer can be supplied to meet ICAO or FAA standards.

Once deployed, the lighting system can be controlled via a 2.4GHz encrypted mesh network capable of being operated from the tower, ground, or approaching aircraft by a Pilot Activated Lighting Controller (PALC).

The Solar PALS trailer contains all lighting and ancillary equipment required to support temporary or sustained fixed and rotary operations. The standard configuration is suitable for an airfield with a 5000ft/1500m runway. Avlite offers completely customizable solutions for their customers, Avlite trailers can be designed in a range of configurations for any application.

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“Keeping with Avlite’s reputation for innovation, the new generation PALS trailer has undergone a complete ground up re-design in order to provide a cutting edge, compact, all in one airfield lighting system that can be easily maintained and quickly deployed. The primary challenge with the PAL trailer design was provide maximum functionality and useability, for example the on-board charging system, RF & PALC control, whilst minimising weight and deployment time,” said Wade Evans, Aviation Systems Engineer, Avlite Systems. ***“Our team rose to the challenge and have been able to provide a solution that ticks all the boxes, for not only commercial applications, but also military and emergency service environments.”***

The Avlite Solar PALS Trailer has been built to military grade standards with an integrated charging system that allows for the full complement of lights to be simultaneously charged using standard external mains power feeds. A solar auxiliary system with battery backup provides power to the critical control equipment during deployment.

The Solar Portable Airfield Lighting System is available now, for more information please visit Avlite’s product information page [click here](http://avlite.com/products/product.php?prod_code=AV-PALS) (http://avlite.com/products/product.php?prod_code=AV-PALS) for the specification sheet [click here](http://avlite.com/files/pdf/products/AV-PALS_pdf.pdf) (http://avlite.com/files/pdf/products/AV-PALS_pdf.pdf), to watch the YouTube video [click here](https://youtu.be/PADdRmQwu78) (<https://youtu.be/PADdRmQwu78>). Contact an authorized Avlite distributor, to locate a local distributor please [click here](http://avlite.com/enquiries/distributors.php) (<http://avlite.com/enquiries/distributors.php>).

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Company Information

Avlite Systems is a world-class aviation lighting systems manufacturer providing turnkey solutions for defence, government, civil and humanitarian aid applications in the most remote, toughest environments. Avlite’s commitment to research and development, product innovation and agile manufacturing continues to make us an industry leader in aviation lighting, while being environmentally responsible by providing clean, green, renewable energy sources with a minimal environmental footprint.

For more information about Avlite Systems, please visit our website at www.avlite.com or call +61 (0)3 5977 6128.

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