



Portable Airfield Lighting System Multan, Pakistan



PROJECT OVERVIEW

Location:	Pakistan
Date:	November 2009
Owners:	Pakistan Civil Aviation Authority (CAA)
Site:	Multan
Product:	Portable Airfield Lighting System including: - custom-built trailer - radio controlled AVC420 & AV70 aviation lights - handheld radio controller - integrated PALC - AC to DC power supply - frangible stake mounts
Application:	Emergency requirements at remote airstrips

BENEFITS

- Able to be used at remote airstrips where the hard wired infrastructure of a conventional airfield is not available
- Increased safety at remote airstrips in the event of an emergency
- The lighting system is completely portable enabling it to be relocated easily and conveniently
- Lights can be activated either by the pilot using the PALC or on the ground using the handheld radio controller
- Charging facility is incorporated into the trailer ensuring the lights remain charged and ready for use

Avlite Supplies a Custom-built Portable Airfield Lighting System (PALS) for the Pakistan CAA

Avlite has designed and custom-built a Portable Airfield Lighting System for the Pakistan CAA for use at remote airfields in Multan and surrounding towns. The system can be easily transported for convenient and fast installation.

Avlite were visited by representatives from the Pakistan Civil Aviation Authority (CAA) and Karsaz (Pvt.) Limited to perform a Factory Acceptance Test (FAT) on the Portable Airfield Lighting System. The radio controlled AVC420 and AV70 aviation lights were put through a series of tests and the team from Pakistan were shown how to operate the system.

The CAA manages the majority of civilian airports in Pakistan and has been working to bring the country's aviation infrastructure and facilities to a level which equals some of the best aviation establishments in the world. As a regulatory body, the CAA ensures conformity to the standards laid down by the International Civil Aviation Organisation (ICAO).

Avlite's Portable Airfield Lighting System is destined for Multan where it will be used for emergency requirements at remote airstrips in the Multan area where the hard wired infrastructure of a conventional airfield is not available.

Portability of the lights was an important feature and Avlite solved this problem by creating a system consisting of a purpose-built trailer to house the lights, mounts and communication system allowing for convenient and rapid deployment. Both the radio controller and Pilot Activated System (PALC) are contained within the trailer allowing the system to be easily positioned anywhere on an airfield to achieve the fastest response time between the communication system and the airfield lights.

Once again Avlite's innovation and expertise has resulted in the perfect solution to successfully meet their customer's requirements.