

Lincad signs agreement to supply batteries for the Leonardo Type 163 Laser Target Designator

Press Release – 9th March 2017

Lincad, a UK-based leader in the design and manufacture of bespoke batteries, chargers and power management systems, has signed a supply agreement with Leonardo MW to provide batteries, power adaptors and filter adaptors for the Type 163 Laser Target Designator.

A man-portable laser designed to provide laser designation for semi-active laser guided weapons, the Type 163 enables Joint Terminal Attack Controllers (JTACs) to direct close air support for ground troops in combat operations. Traditionally, laser target designators have proved too heavy and bulky for JTACs to take into front-line operations which is why Leonardo developed the Type 163, building on its previous experience with military lasers.

The growing demand for the Type 163, which has been deployed by US Special Operations Forces, the US Air Force and the US Air National Guard, has led to this new supply agreement with Lincad. The battery being supplied is a detachable, side-mounting, ruggedized 18V, 3Ah Li-ion battery. Weighing less than 400g, it offers an effective solution to the critical weight issues and is designed with shrouded contacts and retractable latches for snag-free storage.

The associated power adaptor allows for the prolonged operation of the Type 163 from an alternate variable voltage power supply such as a vehicle battery. It has power filtering, management and regulation electronics to ensure smooth operation of the laser from a 10V to 32V DC source, connected via a military round connector. The adaptor also serves as a recharging unit for the battery.

The filter adaptor acts as an interface with a standard in-service battery. This greatly increases the operational functionality of the Type 163 by increasing the available sources of power in different operational scenarios.

Peter Slade, Lincad's Joint Managing Director, commented: *"We have a long history of developing the battery technology and the power management solutions required to lighten the load on soldiers in the field and to increase their operational efficiency. The battery and associated equipment that we developed for the Type 163 Laser Target Designator is an excellent example of that and we're delighted that Leonardo MW has asked us to continue supporting them."*

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Notes to Editors

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About Lincad

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- Lincad is a privately-owned UK company with 30 years' experience in the design, manufacture and supply of specialist batteries, chargers and power management systems.
- The core business of Lincad is the supply of batteries, chargers and power management systems for military applications. Its main customers are the UK Ministry of Defence (MOD) and UK Defence Primes. Lincad also provides bespoke battery, charger and power management solutions for specialist applications across a range of different sectors.
- Lincad is a TickITplus accredited company with expertise in battery chemistry and systems engineering and is based in Ash Vale in the South East of England where the design and manufacture of all its products takes place.