



Aden 30mm Cannon

Mk 4 and Mk5

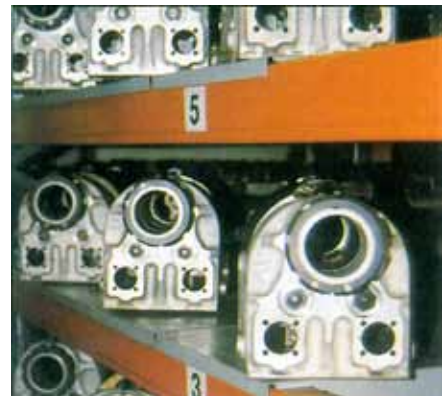


Description

The Aden 30mm gun is a gas operated, electrically primed revolver type cannon, perfected as a result of continued product improvement activity since its conception in the early 1950's.

The compact nature of the self-powered cannon makes it an attractive option for relatively simple on-aircraft installation, whether considered for fitting in an underwriting body pod, under fuselage blister or built into the main body.

Mounting of the gun is possible at any angle through 360 degrees on the longitudinal axis to suit the specific aircraft installation requirement. Both left and right hand feed versions are available .



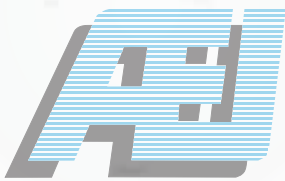
Product Support

AEI offers its customers full logistical, technical and spares support. The expertise within the company enables us to offer the highest level of product support essential for the efficient and effective operational role demanded of the equipment. This includes every aspect of the gun and its interfacing equipment and gauges from technical queries and advice to gun refurbishment. In the latter case each component is critically examined and, where necessary, replaced by new components prior to rebuild, proof and test firing, if required. Refurbishment is carried out in accordance with MOD approved specifications and is offered as a service to our customers worldwide.

AEI's high inventory levels of shelf spares and a computerized information system guarantee fast order processing (including an AOG service_ and a minimum turnaround time. All combine to give AEI a justifiable reputation for customer service and satisfaction.

Support Equipment

AEI offers the full range of tools, gauges and support equipment which are generally available from stock.



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Refurbishment and Servicing

Customers complete guns or components are rebuilt/serviced in AEI's modern plant incorporating the latest sophisticated techniques. All machining and fabrication is carried out to the highest standard in accordance with our AQAP-1 approval. All weapons/components undergoing refurbishment are put through the following procedures:-

- Degrease and strip down.
- Examination—gauging—component replacement, de-burring—sandblast and de-coppering of barrels.
- Protective treatment—chrome plating gas cylinders and phosphating (rust prevention) in accordance with the storedrawing/specification requirement.
- Assembly and Testing. The gun is reassembled under the stringent conditions, regauged and hand functioned prior to test firing and, if necessary, re-proof. AEI holds substantial, stocks of 30mm Aden TP and proof (overpressure) rounds.

Aden 30mm Mk4 and 5

Calibre:	30mm.
Total weight:	87Kg.
Total weight (200 rounds) :	200Kg.
Overall length:	1590mm.
Barrel length:	1080mm.
Barrel weight:	12.25Kg.
Rifling:	progressive RH parabolic twist, 16 grooves.
Rate of fire:	1200—1400spm.
Muzzle velocity:	790 M/S.
Recoil load:	31.4KN.
Cocking System:	Pneumatic.
Firing System:	Electrical 26 volts DC.

Ammunition

HE	High Explosive
AP	Armour Piercing
TP	Target practice

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