



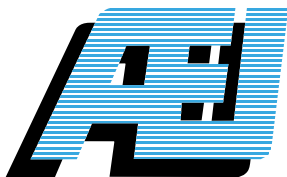
ADEN 30 mm Cannon - Deactivated



AEI Systems' deactivated ADEN 30mm gun is supplied totally complete with a London Proof House 'certificate of deactivation', together with 5 linked ballast/dummy rounds partially loaded through the feed mechanism. All parts have been thoroughly cleaned, repainted and lubricated and the gun professionally re-assembled by AEI's resident armorer.



Focussed Technology - Skilled Engineering



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SPECIFICATION

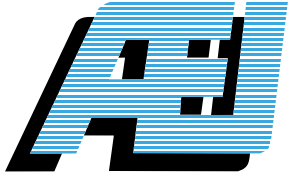
- Calibre: 30 x 113 mm
- Total weight: 87 kg
- Overall length: 1,590 mm
- Barrel length: 1,080 mm
- Barrel weight: 12.25 kg
- Rifling: progressive RH parabolic twist, 16 grooves
- Rate of fire: 1,200—1,400 spm
- Muzzle velocity: 790 m/s
- Recoil load: 31.4 kN mean
- Cocking System: Pneumatic & manual
- Firing System: Electrical: 24 V DC / 115 V AC

The ADEN 30 mm gun

The ADEN 30 mm gun is a gas operated, electrically primed revolver cannon, continuously improved and updated since its conception in the early 1950's.

The compact nature of this self-powered cannon makes it an attractive option for relatively simple on-aircraft installation, for under slung pod, under fuselage blister and interior fuselage carriage.

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



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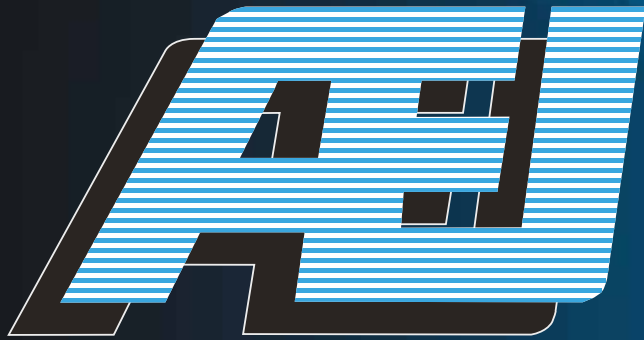
DEACTIVATION

Deactivation has modified the following parts;

- 1) Gun barrel plugged and welded, slotted, partially sectioned (optional), pinned and welded to the breech cylinder housing assembly. The barrel is NOT removable,
- 2) Breech cylinder chambers plugged and welded,
- 3) Firing pin housing; firing pin protrusion hole welded closed.
Rear of housing welded to breech cylinder shaft rear bearing.
Firing pin housing is NOT removable.
- 4) Breech cylinder shaft rear bearing is NOT removable.
- 5) Firing pin striking tip removed,
- 6) Cradle 'T' brackets modified,
- 7) Front slide ejection ramps modified,
- 8) Rear slide secondary rammer modified,
- 9) Breech cylinder housing – being pinned to the barrel – is NOT removable

The 5 linked ballast/dummy rounds are loaded into the gun feed mechanism, with the first round jammed in the primary rammed position. The slides are therefore to the rear and return springs near fully compressed.

Using the return spring removal tool (optional), the feed mechanism is removable and slides functional using the hand cocking tool (optional).



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