

# Aircraft Practice Bombs - 14kg Bomb



**The 14kg Practice Bomb has been in service with the UK Royal Air Force and the Royal Saudi Air Force for over 15 years. During that period PA have supplied in excess of 1 million practice bombs to the Ministry of Defence.**

The practice bomb consists of four main components; a steel body and striker shaft, a cartridge and cartridge container, a tail unit and a frangible nose cap. The 14kg practice bomb is dimensionally similar to the F4 and also has a similar mass. It contains its own cartridge to produce a smoke and flash signal on impact.

The practice bomb is capable of operating against targets ranging from soft (water) to hard (concrete). The resulting smoke and flash signal escape from the open end of the tail unit. The signal is of such intensity that it can be visually observed under day or night conditions from a distance of up to 3000 metres.

The practice bomb has been designed with a number of safety features and safety during flight, carriage and immediately after release will not be degraded should the practice bomb be fired inadvertently, as no solid debris that could damage the aircraft will be ejected.

The simplicity of the design and its operation provide for a very high degree of reliability, proven by many years of in service experience and is in excess of 97% for the Factory to Target sequence.

## Specifications

|                      |                        |
|----------------------|------------------------|
| Length               | approx 742mm (29.2 in) |
| Diameter of bomb     | approx 76mm (3 in)     |
| Diameter across fins | approx 160mm (6.3 in)  |
| Weight - filled      | 14.6kg (32.2 lb)       |



The Rafaut LBF2 Pneumatique ejector rack fitted with 14kg Practice Bombs



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