



FADAK 1, FADAK 2 and FADAK Training Rockets



General Specifications

The Iranian Fadak 1 is air launched anti-tank, anti-personnel, anti-armor and anti-light armors multipurpose rockets. They can be fired from mil 17 helicopters and also Su22, Su24, Su25 and MIG29 fighting aircrafts. The Iranian Fadak training rocket is fired from helicopters and fighting aircrafts. This rocket with dummy fuse and warhead is used for training pilots.

FADAK 1



FADAK 2



FADAK Trainig



TECHNICAL SPECIFICATIONS

| Model | FADAK 1 | FADAK 2 | FADAK Training |
|----------------------------------|---|--|----------------|
| Weight (kg) | 11.2 | 11/4 | 11.2 |
| Length (mm) | 1535 | 1435 | 1535 |
| Caliber (mm) | 80 | 80 | 80 |
| Range (m) | 1300-4000 | 1300 - 4000 | 1300-4000 |
| Initial velocity (m/sec) | 60-80 | 60-80 | 60-80 |
| Maximum velocity (m/sec) | 610 | 550 | 610 |
| Application | Anti-person, anti-tank, anti-light armors | Anti-person, anti-light armors | Training |
| Impact Angle | 0 to 75 degree from the normal of target | 0 to 75 degree from the normal of target | - |
| Warhead type | HEAT – Fragmentations | Fragmentation | Dummy |
| Warhead weight (kg) | 3/6 | 3/8 | 3.6 |
| Weight of warhead explosive (kg) | 1 | 1/2 | - |
| Penetration in armor (m) | 400 | - | - |
| Number of fragments | 440< | 480< | - |
| Fuze type | Mechanical- pyrotechnics | Impact fuze | - |
| Application temperature (°C) | -46 to 60 | -46 to 60 | -46 to 60 |
| Maintenance temperature (°C) | -10 to +35 | -10 to +35 | -10 to +35 |