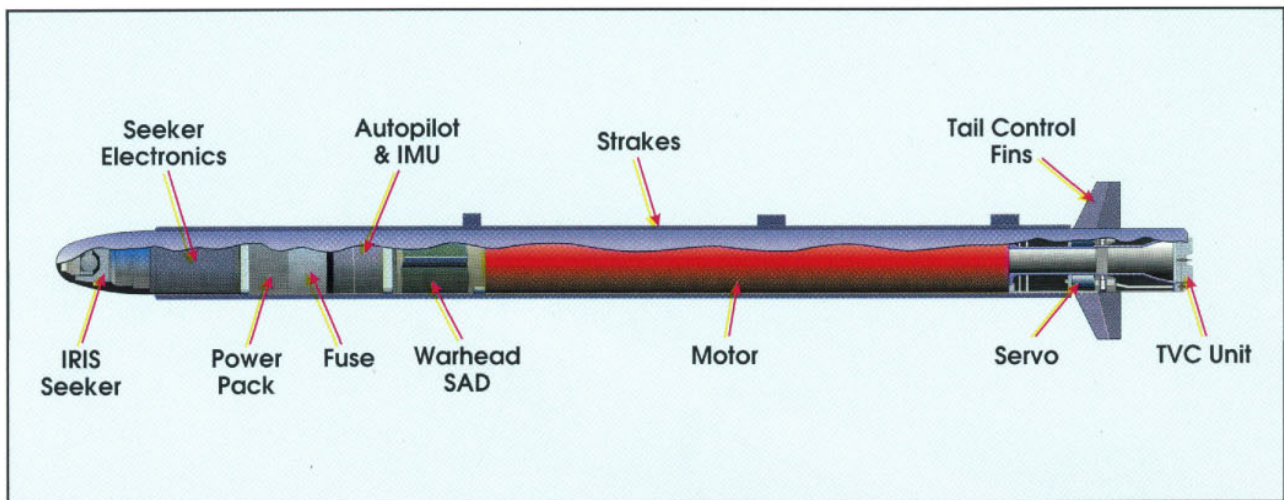


A-DARTER

Fifth Generation Air-to-air Missile System



Principle of Operation

The A-Darter may be designated to a target using the aircraft's radar, a helmet sight, or the missile's autonomous scan feature if radar silence is required. The seeker's large look-angles and the airframe's agility make high off-boresight helmet-designated firings possible. Long-range intercepts, beyond IR detection range, are possible using the lock-on after launch mode.

Aircraft Integration

The system is designed to interface with LAU-7 type launch rails and a MIL-STD-1760/1553 avionics bus system.



Technical Data

- Length : 2 980 mm
- Diameter : 166 mm
- Mass : 89 kg
- Wingspan : 488 mm

