

SCALP Missile

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SCALP Missile Latest News

In Operation Sindoor, SCALP missiles were reportedly launched from Indian Rafale jets to strike deep-terror infrastructure in Pakistan and PoK.

About SCALP Missile

- The SCALP missile, also known by its British name, '**Storm Shadow**', is a **long-range, air-launched cruise missile**.
- It is conventionally armed and used for deep strike missions against high-value, fixed or stationary targets.
- Its full name, Systeme de Croisiere Autonome a Longue Portee, underscores its role as an autonomous, extended-range strike weapon.
- It is **jointly developed by the United Kingdom and France**.
- It is **also in service with** the air forces of **Egypt, India, Italy, Greece, Saudi Arabia, Qatar**, and the United Arab Emirates (**UAE**).

SCALP Missile Features

- It has a **range** of around **500 km**.
- Weighing 1,300 kg, it carries a 450 kg conventional warhead capable of penetrating hardened bunkers.
- It is around five metres long and has a wingspan of three metres.
- **Flying at subsonic speeds** (around Mach 0.8) and **low altitudes**, it **uses terrain-following navigation, GPS/INS guidance**, and **infrared terminal homing** for high accuracy.
- These features allow it to **fly at low altitudes to evade enemy radar** detection.
- **As it approaches its target**, the missile's **infrared guidance system compares the target with preloaded images** to ensure high accuracy and minimise collateral damage.
- Designed for stealth and precision, the SCALP is capable of operating in any weather conditions.
- **Launch platform:** India integrates SCALP with the **Rafale fighter jets**, which are currently operated by the Indian Air Force.

SCALP Missile FAQs

Q1. What is the scalp missile?

Ans. It is a long-range, air-launched cruise missile.

Q2. Which two countries jointly developed the SCALP missile?

Ans. UK and France

Q3. What is the approximate range of the SCALP missile?

Ans. 500 km

Source: [FP](#)

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