

Blue Sparrow Missile

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Blue Sparrow Missile Latest News

Israel reportedly used the Blue Sparrow missile to kill Ayatollah Ali Khamenei in Tehran recently.

About Blue Sparrow Missile

- It is **part of a family of three air-launched ballistic missiles**, which also includes the **Black Sparrow** and the **Silver Sparrow**.
- They are **developed by Rafael Advanced Defense Systems, an Israeli** defense technology company.
- They were **built as practice targets for Israel's Arrow missile defence system**.
- Over time, however, the Blue Sparrow was **adapted into an offensive air-to-surface weapon**.

Blue Sparrow Missile Features

- The missile measures 6.5 metres in length and weighs about 1.9 tonnes.
- It is typically **launched from fighter aircraft**, including Israeli F-15 jets, whose **booster rockets propel the missile to high altitude** before it begins its descent.

- It has a **range** of roughly **1,995 km**.
- Unlike many conventional munitions, it follows a **quasi-ballistic trajectory**.
- **After launch**, the missile **ascends rapidly, leaving the Earth's atmosphere** before **re-entering and descending toward its target**.
- This ability to exit and re-enter the atmosphere **complicates interception by air defence systems**.

Source: IT

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