

RAPTOR

Long-range, Precision-guided Weapon



Raptor II is a long-range, precision-guided weapon that can be launched from a variety of aircraft. The Raptor II is an extended-range version of the battle-proven Raptor I and achieves the longer range by using a rocket booster.

DENEL DYNAMICS

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Raptor II has been integrated on the Mirage III, Mirage F1, Mirage V, Cheetah and Sukhoi SU-24 aircraft. The system can also be integrated with other suitable aircraft, including the MIG 29, Sukhoi SU-27 and SU-30, Mirage 2000, Tornado, etc.



SYSTEM FEATURES

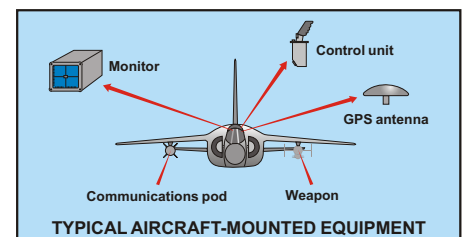
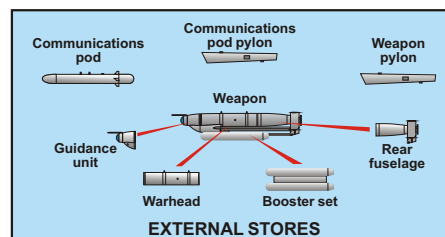
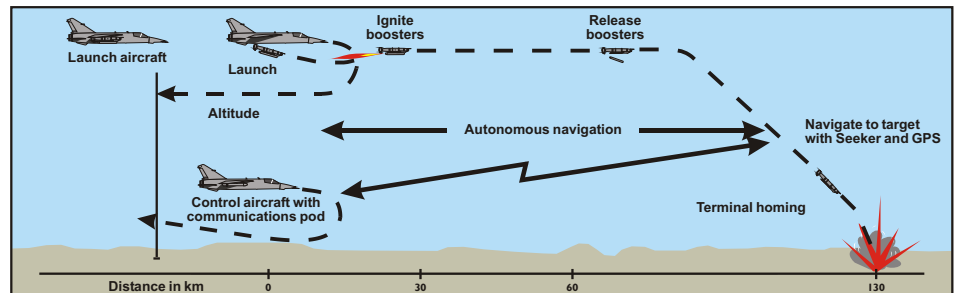
- Range : 130 km
- Terminal accuracy : 3 m CEP
- Alternative warheads
 - Fragmentation
 - Penetration
- Comprehensive training and logistics support
- Upgradeability
- In production

THE SYSTEM

The Raptor II system consists of the modular weapon, a communications pod, pylons and the control equipment. The communications pod may be mounted on the launch aircraft or on a second aircraft, which would control the weapon. A command link range of up to 200 km is achievable, depending on aircraft configuration.

GUIDANCE SYSTEM

An important feature of Raptor II is the choice of alternative navigation systems. This may be an autonomous method, using GPS-aided INS or waypoint navigation. Both systems are under the weapon operator's control at all times.



LOGISTICS SUPPORT

- Intermediate and operational level test equipment
- Air- and ground-crew training
- Airborne trainer and ground-based trainers
- Operation and support documentation

CHARACTERISTICS

- Seeker : Passive TV
- Launch mass : 1 200 kg
- Length : 3 650 mm
- Wingspan : 3 700 mm
- Range : 130 km
- Maximum launch altitude : 35 000 ft
- Terminal accuracy : 3 m CEP

UPGRADEABILITY

The Raptor II system can be upgraded to include:

- Imaging infrared seeker head
- Range extension

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