

PL-7 [R.550 Magic 1] (1988)

Guided Weapon

Type: Guided Weapon

Weight: 90.0 kg

Length: 2.75 m

Span: 0.66 m

Length: 2.75 m

Diameter: 1.6

Generation: None



Properties: Anti-Air Rear-Aspect

Targets: Aircraft, Helicopter, Missile

Sensors / EW:

- IR Seeker - (R.550 Magic 1) Infrared, Weapon Seeker, Single Spectral IR, Max range: 18.5 km

Weapons / Loadouts:

- PL-7 [R.550 Magic 1] - (1988) Guided Weapon. Air Max: 9.3 km.

The PL-7 is a reverse engineered Matra R550 Magic WVR AAM, which entered production during the 1980s. The basic Magic I occupies the same niche as contemporary Sidewinders, but the missile uses a characteristic paired canard arrangement to improve turn rates. The seeker is nitrogen gas cooled using a Joule-Thompson element.

While the PL-7 has been displayed at airshows, there have been no reports of significant production numbers or exports. The R550 was exported to India for the Mirage 2000.

Source: <http://www.ausairpower.net/APA-PLA-AAM.html#mozTocId749996>