

Derby™

Active Radar BVR Air-to-Air or Surface-to-Air Missile



Provide your pilots with outstanding short and beyond visual range missile capabilities

Benefits

- All weather operation
- Effective performance for both short and Beyond Visual Range (BVR) intercepts
- Lightweight
- High agility
- Dual use missile (air-to-air and surface-to-air)

Short Range and BVR Missile for Air-to-Air Missions

The Derby is an active radar air-to-air missile that provides fighter aircraft with outstanding and effective performance in both short ranges and Beyond Visual Range (BVR) intercepts.

The missile enables operational flexibility and multi-shot capability. It can be launched at an enemy aircraft day or night and in all-weather conditions.

The Derby missile incorporates look-down/shoot-down capability, sophisticated fire and forget mode and an advanced ECCM tailored to the customer's operational requirements.

Derby's light weight allows it to be adapted to various modern fighter aircraft, including light aircraft, such as F-5, Mirage and F-16.

Together the Derby and Python-5 offer superior war fighting capability that ensures outstanding air superiority for the 21st century.

Innovative Interceptor for Air Defense Missions

The Derby complemented with the Python-5 full sphere missile is used as an interceptor in the Spyder short and medium range air defense systems. Both Spyder systems are designed to engage and destroy a wide spectrum of threats, such as attack aircraft, bombers, cruise missiles, UAVs and UCAVs and stand-off weapons.



Features

- Active radar
- Look-down/Shoot-down capability
- LOBL / LOAL capability
- Data link receiver
- Large kinematic envelope
- Dual range (short and medium)

Technical Specifications

Weight	118 kg	260.1 lb
Length	362 cm	142.5 in
Wing Span	64 cm	25.2 in
Diameter	16 cm	6 in



Derby Missile



1



2



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Fully developed, tested and proven missile



Spyder ADS

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