



STARSTREAK Armoured Vehicle System (AVS)

>> Threats to civilians and military forces are changing and the diversity of these threats can only be defeated by truly flexible and rapidly deployed defence and security systems.

In service with the British Army, the Starstreak Armoured Vehicle system is a new generation mobile, integrated weapon system providing low level air defence in all areas of the battlefield.

The highly mobile Armoured Starstreak weapon system provides air defence forces with strategic, tactical and operational mobility in all areas of the battlefield. The system also provides for carriage of crew, equipment and provisions as well as reload missiles. In service with the British Army the system has been successfully deployed in Central Europe and in the Gulf.

Utilising the Starstreak missile with its unique laser beam riding system and extremely fast time of flight, a variety of threats can be defeated including aerial targets such as Fighter Ground Attack (FGA), Cruise Missiles, helicopters and Unmanned Aerial Vehicles (UAVs). Using the LMM missile, surface targets such as Armoured Personnel Carriers (APCs), static installations or terrorist platforms can also be defeated.

The system provides a highly mobile multi-engagement capability with autonomous one man operation and its modular design allows integration into a wide range of armoured vehicle platforms.



FEATURES

- >> Modular design for integration on modern light armoured vehicles eg.
 - >> Stormer
 - >> M113
 - >> Piranha
- >> Armoured protection for crew and system components
- >> Passive target alerting, for low signature front-line operations
- >> Minimal reaction times with automatic slew to cue
- >> Latest generation Infra-Red Thermal Sighting System for 24 hour operation
- >> Automatic target tracking and engagement providing fire and forget system capability
- >> Easy to use system with minimal training and built-in test capability

SPECIFICATION

- >> Target destruction > 7 km
- >> Target acquisition by ADAD
 - >> FGA > 18 km
 - >> Helicopter > 8 km
- >> System weight (exc. vehicle) 2,200 kg
- >> Target acquisition to missile
 - >> Launch sequence < 5 secs
- >> Dual magnification visual sight
 - >> [40° x 1.5° / 10° x 6°]
- >> Latest generation 'STAIRSC' Thermal Sighting System
- >> Interface for Early Warning/C2 network
- >> 8 missile launcher with stowage for up to 8 spare missiles
- >> Capable of operation in extreme NBC, EMC and climatic conditions

The main system components comprise the operator's station, the launcher and the automatic sighting system.

The operator's station provides a visual and thermal image display of the target along with weapon system status information.

The launcher contains eight missiles ready to fire together with an Air Defence Alerting Device (ADAD), providing passive early warning of an approaching threat.

The sighting system is equipped with an Automatic Target Tracking (ATT) system, a visual sight, a high precision thermal infra red sight and the Starstreak laser guidance module. This sighting system is used to acquire, track and engage target threats and the high degree of automation provides a fire and forget system capability.

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