

AJAX

The 'eyes and ears' of the British Army



The flagship variant of the AJAX programme, the AJAX platform will be the 'eyes and ears' of the British Army on the battlefields of the future.

Essential capability within Army 2020

AJAX will provide the medium-weight core of the British Army's deployable Intelligence, Surveillance, Target Acquisition and Reconnaissance (ISTAR) capability. It will enable the soldier to be at the point of collection of accurate, all-weather commander information within a network-enabled, fully-digitised platform.

As the British Army's first fully-digitised Armoured Fighting Vehicle (AFV), it will be effective in the most difficult terrains around the world.

The platform provides commanders with a survivable and capable Ground Mounted Manned Reconnaissance capability, which gives them the flexibility to perform a range of roles across the spectrum of conflict.

Role

The primary role of AJAX is to provide accurate and timely information to support decision making at all levels. It integrates a range of leading-edge technologies to provide an optimised survivable, lethal and agile ISTAR platform.

The panoramic Primary Sight provides advanced all-weather imaging technology capability, which allows AJAX to find, engage and target enemy combatants at far greater ranges than current UK Ministry of Defence (MoD) legacy platforms.

A sophisticated, packaged Electronic Architecture makes it the land platform that is able to seamlessly integrate both current and future open ISTAR and communication products.

Enhanced and modular survivability technologies ensures it will survive both current and future threats.

Lethality is provided by the 40mm cannon integrated into a revolutionary, user-defined, fightable turret. Where the operation dictates, a fully-stabilised Remote Weapon System can replace the Primary Sight.

Capability for the battlefields of the future

Primary sighting system

Can be replaced by remote weapon station

Laser warning system

Advanced modular armour

Mine blast resistant seats

Ammunition stored outside crew compartment

Advanced torsion bar suspension system

Secondary sighting system

76mm smoke grenade launchers

40mm stabilised automatic cannon with a 7.62mm coaxial machine gun

Acoustic detectors

Driver's periscope

Crew	Max weight	Length	Width	Height	Top speed	Engine
3	42 tons	25ft	11ft	9ft 10in	44mph	MTU diesel

What is AJAX?

AJAX represents the future of AFVs for the British Army, providing best-in-class protection and survivability, reliability and mobility and ISTAR capabilities.

Its range of variants will allow the British Army to conduct sustained, expeditionary, full-spectrum and network-enabled operations with a reduced logistics footprint. AJAX can operate in combined-arms and multinational situations across a wide-range of future operating environments.

General Dynamics UK will deliver 589 AJAX platforms, in six variants, to the British Army, beginning in 2017 through 2024. The training establishment and first squadron will be equipped by mid-2019 to allow conversion to begin with a brigade ready to deploy from the end of 2020.

The AJAX platform provides soldiers with the most technologically advanced and versatile Armoured Fighting Vehicle to overcome future threats



Capability

- Crew of three plus an option to carry a fourth person
- Panoramic Primary Sight
- 40mm Cased Telescope (CT) cannon
- Modular armour
- Electronic Architecture
- High-performance power-pack
- Advanced torsion bar system
- Remote Weapon System (replaces Primary Sight)
- Auxiliary Power Unit

About General Dynamics UK

General Dynamics UK is one of the UK's leading defence companies.

It has two primary lines of business: mission systems and land vehicles. General Dynamics UK works in partnership with the United Kingdom MoD providing the nation's primary land capabilities including, amongst others, Bowman, the British Armed Forces tactical communications programme, and AJAX, the replacement for the British Army's current reconnaissance vehicle fleet.

The Company also delivers avionics equipment used in rotary and fixed wing platforms, highly-integrated mission and video management systems, flexible stores management systems, data-link processing and video and data recorders for UK and international customers.

General Dynamics Corporation is headquartered in Falls Church, Virginia and is a market leader in business aviation; land and expeditionary combat systems; armaments and munitions; shipbuilding and marine systems; and information systems technologies.

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