Dynetics has a major role with offensive hypersonic technologies. We are building weapons systems that can travel at Mach 5 or higher.

**Capabilities**

Dynetics offers comprehensive solutions for hypersonic weapon systems:

- Glide Vehicle Prototyping
- Complex and advanced manufacturing
- Complex engineering skills
- Developmental testing
- Booster design and development
- Advanced modeling and simulation
- Hardware-in-the-loop testing

**The Common-Hypersonic Glide Body**

The Common-Hypersonic Glide Body (C-HGB) is a weapon system that uses a booster rocket motor to accelerate to above hypersonic speeds, and then jettisons the expended rocket booster. As the prime contract holder, Dynetics will produce glide body assemblies for use by the U.S. Army and U.S. Navy. Our manufacturing facility has been designed and developed in expansion in mind with the ability to meet and exceed production capacity to meet warfighter demands.

**Long Range Hypersonic Weapon**

The Long Range Hypersonic Weapon (LRHW) program will introduce a new class of ultrafast, maneuverable, long-range missiles that can launch from ground platforms. The LRHW prototype includes the new C-HGB, an existing, refurbished trailer and truck to be modified as a new launcher, and an existing Army command and control system.
Innovating Unique Capabilities Since 1974

At Dynetics, we help customers accomplish complex, high-value missions. By combining the capabilities of a large business with the responsiveness of a small business, Dynetics put in place extensive R&D capabilities and deep technical expertise in systems engineering, systems analysis, modeling and simulation, cyber, software development, rapid prototyping, test and evaluation, manufacturing, integration, and operations. Using our considerable engineering, scientific, and other technical resources, we help customers identify, analyze, and respond to complex threats to their missions.