Developing technologies to enable next generation weapon systems

For over 40 years, Dynetics has been a trusted partner to Department of Defense (DoD) agencies and contractors in undertaking many of the most challenging scientific and engineering problems. This experience has established Dynetics as a leader in weapons systems research and development. Our team specializes in solving challenging technical problems.

**Warhead and Fuzing Design, Analysis, and Testing** Dynetics understands every aspect of warhead development from concept exploration through production, reaching back to our more than 25 years' experience in research, development and evaluation of warhead designs. Our capabilities include:

- Design
- Analysis
- Testing
- Fuzes and Electronic Safe Arm Devices (ESADs)

**Avionics Solutions** Solutions With more than 25 years of experience in the design, fabrication, and support of avionics systems, Dynetics provides end-to-end telemetry solutions for our customers. This includes design and fabrication of custom telemetry instrumentation, FTS, and time-space-position information (TSPI); installation of instrumentation in a variety of high-performance missiles, aircraft, and other systems; field test support and data collection; and post-test data analysis. Our avionics systems are:

- Reliable
- Flexible
- Cost-effective

**Test and Training Solutions** Dynetics has a rich history as an airborne test and evaluation company, providing quality hardware and software solutions to support the DOD test and training community since our inception. Over the last decade, Dynetics has become a leader in providing high-fidelity TSPI solutions, high-quality ground support equipment, and custom test equipment on platforms ranging from the latest generation of fighter jets to sophisticated ground combat weapon systems and advanced radars. We develop engineering instrumentation, data acquisition systems, radars, data processing tools, and post-processing of data on all types of open-air ranges.
Electrical Manufacturing Our customers often need tailored electronic solutions in a short timeframe. Whether you have well-defined requirements or need our experts to help you determine the right solution, Dynetics’ electronic products and services can help solve your mission and business problems. We don’t just implement designs - we work with our customers to determine and communicate possibilities, and then to jointly create solutions customized to meet their requirements and budget.

Dynetics creates electronic devices and systems utilizing a broad range of technologies, including analog, digital, radio frequency (RF), and specialized electro-optics (EO). We are also experts in the operation of military systems, including missile and radar systems, so we understand how to test and analyze their performance.

Specialty Machined Parts Manufacturing Dynetics’ in-house machining center provides the equipment and expertise for precision machining and fabrication. The robust combination of highly skilled personnel, state-of-the-art machinery, and high-end software provide the ability to rapidly develop hardware for R&D prototyping and limited production. Our services for aerospace, defense, automotive, medical, and other industries include:

- Computer-Aided Design and Manufacturing (CAD/CAM)
- 5-Axis High-Speed Computerized Numerical Control (CNC) Machining
- 3- and 4-Axis CNC Machining
- Manual Mill and Lathe Operations
- Sheet Metal Fabrication
- MIG and TIG Welding
- Assembly and Test Support
- Quality Control Analysis
- CMM and Portable FARO Arm Verification
- Estimating, Planning, and Scheduling

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