



## ON COURSE. ON TARGET. ON POINT

Ensuring critical operations across sea, air, land, and space stay on course and on target with our precision guidance, navigation, and motion control systems and components.



### Differentiators

In-house sensor & systems manufacture, assembly, and test:

#### DESIGN EXCELLENCE

Kearfott's design, project, and manufacturing engineering teams enable rapid development of reliable, cost-effective solutions.

- Agile FACE open architecture
- Rapid prototyping, integration, and certification

#### SUPERIOR MANUFACTURE & ASSEMBLY

Vertically integrated production:

- State-of-the-art machine shop
- Industry-leading materials and process lab
- Full suite of Class 100 – 10,000 clean rooms

#### ADVANCED ENVIRONMENTAL TESTING

Stringent testing for reliability in the harshest environments including vibration, shock, space chamber, temperature, cycling, humidity, salt, fog, fluorescent penetrant, and x-ray.

#### TRUSTED LIFECYCLE SUPPORT

- Integration and certification
- ITAR/EAR product licensing

### Trusted

Trusted by defense, national security, and industry powerhouses, Kearfott specializes in designing advanced systems for inertial navigation, line-of-sight, and indirect fire. Our expertise also encompasses the design and manufacturing of high-precision components, such as inertial measurement units, actuators, motors, and position sensors.

***“Kearfott gets things done!”***

*-DoD PM*

### Past Performance Includes

**R-EGI** | Resilient Embedded GPS/INS, established in 2019. Kearfott selected as “Best of Breed” for both the F-15EX and F-16.

**DAHA** | Dual-Axis Head Assembly Line-of-sight stabilization for the M1A1 Abrams tank battle advantage with improved shot-to-shot accuracy with the Compact Modular Sight (CMS).

# Solutions

## A-PNT | Assured Positioning, Navigation, & Timing

- Embedded INS/GPS
- Inertial Navigation
- Military GPS (SAASM/M-Code)
- Commercial/Civilian GPS
- Missile Guidance and Actuation

## Precision Fires

- Automated Tactical Artillery Control System (ATACS)
- Towed & Self-Propelled Howitzers
- Forward Observers

## Line-of-Sight (LOS)

- Precision Stabilized Platforms
- Modular Chain Gun LOS Stabilization
- Main Battle Tank LOS Stabilization

## Electro-Mechanical Actuators

- Autopilot for Fixed-Wing Aircraft
- Rotary Wing Trim Servo
- Flight Control Servos
- Cargo Doors and Handling
- Environmental Controls

## High-Performance Motors and Electronics

- Motor Control Electronics
- Precision Gearheads
- Motor Amplifiers/Drives
- Actuator Servo Motors
- Fan & Pump Motors
- Valve Positioning

## Precision Sensors

- Sensor Data Converters
- Engine Control Feedback
- Control Surface Position
- Pilot Controls
- Rudder/Brake Pedal Position

## USA Manufacturer, Est. 1918

Kearfott Corporation is headquartered in New Jersey with additional facilities in North Carolina and Matamoros, Mexico and is a wholly-owned subsidiary of Astronautics Corporation of America.

## LOCATIONS

Kearfott Corporate Headquarters 2858 US Highway 70  
19 Chapin Rd, Building C Black Mountain, NC 28711  
Pine Brook, NJ 07058

Diagonal Lorenzo de la Garza No. 25-B  
entre Gral. Pedro Hinojosa y Norte 7  
Ciudad Industrial, C.P. 87496  
Matamoros, Tamaulipas, México

## CERTIFICATIONS

- AS9100D + ISO 9001:2015 at all three locations
- NADCAP Accredited
- DO-160, DO-254, Full ESS | HALT | HASS (hardware)
- DO-178C (software)
- CMMC | Cybersecurity Maturity Model Certification
- FAA Part 145 Repair Station PMA, MRO, AOG support
- Repair Agency Certificate KFUR636X

## CODES

Unique Entity ID	CAGE	Location
JJJPRCSJ9RK6	05088	NC
ML92NM8Z1Y84	88818	NJ

## NAICS

- 334511** SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING
- 336413** OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING
- 332999** ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING
- 333613** MECHANICAL POWER TRANSMISSION EQUIPMENT MANUFACTURING
- 334412** BARE PRINTED CIRCUIT BOARD MANUFACTURING
- 334418** PRINTED CIRCUIT ASSEMBLY (ELECTRONIC ASSEMBLY) MANUFACTURING
- 335312** MOTOR AND GENERATOR MANUFACTURING
- 336320** MOTOR VEHICLE ELECTRICAL AND ELECTRONIC EQUIPMENT MANUFACTURING
- 336412** AIRCRAFT ENGINE AND ENGINE PARTS MANUFACTURING
- 336992** MILITARY ARMORED VEHICLE, TANK, AND TANK COMPONENT MANUFACTURING
- 541715** RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECH AND BIOTECH)



Guidance & Navigation +1 973-785-6000  
Motion Systems +1 828-350-5300  
marketing@kearfott.com

Follow us

