

# CAST Navigation, LLC

*Surpassing the Rest While Serving the Best*

## CAST History

CAST Navigation (CAST) has been in the GPS product and support business since the early 1980s. Recognizing quickly the need for expertise to support the expanding GPS receiver business, CAST elected to expend its resources in developing GPS receiver test and simulation systems. Since then CAST has become a world leader in the design, development, manufacturing and integration of globally innovative GPS/INS Simulators and associated equipment for Government, Military, Prime Vendor and Consumer markets.

## CAST Growth

Due to overwhelming customer demand and need for expansion, CAST has recently relocated their offices to a state of the art facility. The new Corporate office, located in Tewksbury, Mass., provides over 40 percent more administrative and operational space. This strategic move is expected to help streamline customer demands in the R&D, manufacturing and product dissemination areas, while keeping CAST a leader and innovator in the GPS/INS arena.

## CAST Products

Like the legendary CAST NAVSIM a Monte Carlo simulation with GPS/ Inertial Navigation System (IMU) integrations, which was years ahead of competitive technology — CAST has continued to unveil innovations that illustrate the leading technologies within the industry. CAST's GPS RF simulator has recently been evaluated by SPAWAR System Center which confirmed that the M-code AES that it produces is synthesized correctly. CAST Navigation's ongoing relations with key companies like Honeywell and Northrop Grumman speak to the quality and accountability

of their products and services. Some of the supported platforms and programs include: A-10 Thunderbolt, AV-8B Harrier II, B-1B Lancer, B-2 Spirit, EA-6B Prowler, E-2 Hawkeye, E-3 Sentry AWACS, F-35 JSF, F-15 Eagle, F-16 Fighting Falcon, F/A-18 Hornet, F-22 Raptor, AH-64A/D Apache, OH-58D Kiowa Warrior, Tornado, Eurofighter Typhoon, UH-60 Blackhawk, CH-47/

MH-47E Chinook, SLAM-ER missile, and JDAM

smart weapons. Also, key programs such as range control, Tomahawk, Trident, ERGM, ANSR, TACMS, Atlas-D, and JPALS are supported. Per the

customers' request, CAST developed a product that performs diagnostics on the EGI at the customer's maintenance facility. The CAST EMT3500-3

provides a total solution for isolating problems reported against the EGI unit as well as providing the capability to install and validate software. A portable version, CAST EMT3500-1

EGI Flight Line Tester, is also available for loading and validating EGI software on the flight line. This portable version is also available in a Toughbook casing (3500-1T), allowing it to be vibration, shock and drop-resistant. It also is resistant to water, dust and extreme temperatures.

## CAST Vision

Through innovative design and understanding of customers' needs, the CAST Navigation Team has pushed the limits of technology to create systems of the utmost quality. This team continues to maintain the highest of ethical standards and pure dedication to excellence in all operational aspects. The aspirations to exceed our customers' expectations is unsurpassed.



CAST EMT3500-3



CAST 3500-1 Toughbook



CAST Navigation recognizes the most challenging issues to date are National Security and our country's economical stability, and we are uncompromising in our dedication to these integral elements in all our business activities. CAST has been and will remain a major player in the GPS/INS arena while providing solutions and products that are unmatched in performance and value.



## Contact Information

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