



U.S. Army Space and Missile Defense Command/ Army Forces Strategic Command

The Army Service Component Command to the U.S. Strategic Command



Summary

- Three Core Tasks:
 - Providing trained and ready space and missile defense forces and capabilities to the Warfighter and the nation (today)
 - Building future space and missile defense forces (tomorrow)
 - Researching, testing and integrating space, missile defense, cyber, directed energy and related technologies (day-after-tomorrow)
- Uniquely organized – geographically well-positioned
- Providing critical capabilities to combatant commanders and Warfighters
- One command... split based... multi-component... diverse constituencies... dispersed locations

From Concept to Combat, USASMD/ARSTRAT ... Relevant and Ready

The U.S. Army Space and Missile Defense Command/Army Forces Strategic Command (USASMD/ARSTRAT) serves as the Army Service Component Command to U.S. Strategic Command. USASMD/ARSTRAT conducts space operations and provides planning, integration, control, and coordination of Army forces and capabilities. USASMD/ARSTRAT serves as the Army's proponent for space and ground-based midcourse defense and as the operational integrator for global ballistic missile defense. The command also plays a key role in research, development, and acquisition of future technologies as part of its Title 10 responsibilities. USASMD/ARSTRAT partners with the Missile Defense Agency, supporting its quest to build a missile defense capability for our nation, and takes pride in moving warfighting technologies from concept to combat.

U.S. Army Space and Missile Defense Command/ Army Forces Strategic Command

The U.S. Army Space and Missile Defense Command/Army Forces Strategic Command is the Army Service Component Command to the U.S. Strategic Command and maintains Title 10 responsibilities. From its split-based headquarters at Redstone Arsenal, Ala., and Colorado Springs, Colo., the command oversees a number of Army elements around the globe:

- The 1st Space Brigade conducts continuous space force enhancement, space support, and space control operations in support of combatant commanders, enabling shaping and decisive operations. The brigade comprises three subordinate battalions: the 53rd Signal Battalion provides continuous communications transmissions and satellite payload control of the Department of Defense Wideband Constellation by sustaining, operating, and maintaining global Wideband Satellite Communications Operations Centers and a Defense Satellite Communications System Certification Facility; the 1st Space Battalion focuses on ballistic missile early warning, Army Space Support Teams, and the Commercial Imagery Team; and the 117th Space Battalion, Colorado Army National Guard, is similar to that of its active component counterpart. The brigade comprises active duty, National Guard, and Reserve Soldiers.
- The 100th Missile Defense Brigade (Ground-based Midcourse Defense) is a multi-component (Army National Guard and active duty) unit that operates the GMD fire control network, provides positive operational control of interceptors at Fort Greely, Alaska, and Vandenberg Air Force Base, Calif., and ensures the protective security of the systems deployed there. The 100th Missile Defense Brigade (GMD) is composed of the brigade headquarters and missile defense element in Colorado Springs, Colo., the 49th Missile Defense Battalion headquarters and Fire Direction Center in Fort Greely, and Detachment One at Vandenberg Air Force Base.
- USASMDC/ARSTRAT provides support to NASA with an Army astronaut detachment assigned to the Johnson Space Center in Houston, Texas. USASMDC/ARSTRAT is also the Army proponent for the space operations career field.
- The Technical Center in Huntsville, Ala., focuses on providing critical technologies that meet today's requirements and address future needs enabling Warfighter effectiveness in the core competencies of directed energy, tactical space, airships and payload, cyberspace and missile defense technologies. The Technical Center plans and executes test and evaluation programs and performs related analyses to rapidly transition technology. To accomplish its goals, the Technical Center also pursues numerous opportunities and partnerships with academia, industry, and other government organizations.
 - The U.S. Army Kwajalein Atoll/Ronald Reagan Ballistic Missile Defense Test Site, with its unique geographical



location in the central Pacific and its unmatched suite of radars, instrumentation, and test support facilities, offers extensive flexibility for ballistic missile testing and space-object tracking and equatorial space launch.

- The Future Warfare Center with offices in Huntsville, Colorado Springs, and Fort Eustis, Va., is responsible for building future space and missile defense forces. The Future Warfare Center includes a Battle Lab, Directorate of Combat, Directorate for Training and Doctrine, Decision Support Directorate, and a Training and Doctrine Command Capability Manager for space and ground-based missile defense. The Future Warfare Center develops the Army's space and missile defense doctrine and concepts, validates requirements, and ensures Army-wide solution integration. The Future Warfare Center rapidly advances innovations for space, missile defense, high altitude and cyber to the Warfighter through prototype development, experimentation and wargames, analytical assessments, and modeling and simulation development. They provide institutional space and missile defense training to the force, and is the user representative to ensure vertical integration of Doctrine, Organizations, Training, Materiel, Leadership Education, Personnel, and Facilities activities across ballistic missile defense system elements for which the Army has been designated as lead service. Additional roles performed for the joint community include management of high performance computer centers, threat scenario design, command and control engineering, and advanced concept technology demonstration management.



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