



POINT MUGU, CA

NAVAIR Point Mugu is one of the eight Naval Air Systems Command sites that provides cost-wise readiness and dominant maritime combat power to make a great Navy/Marine Corps team better. An integral part of the Naval Air Warfare Center Weapons Division, the facilities and work force located at Point Mugu provide efficient deployment of new weapon systems through a unique combination of its co-located laboratories, ranges, weapons test squadrons and the Navy's operational test organization. Additionally, Point Mugu supports fleet training and tactics development, particularly large scale, major exercises including Fleet Battle Experiments on the Pacific Sea Range.

MISSION

NAVAIR Point Mugu's mission is to support NAVAIR in providing unsurpassed products and services to the fleet by:

- ◆ Performing research, development, test and evaluation (RDT&E) and logistics
- ◆ Providing in-service support for guided missiles, free-fall weapons, targets, support equipment, crew systems and electronic warfare
- ◆ Integrating weapons and avionics on tactical aircraft
- ◆ Operation of the Navy's Sea Range
- ◆ Developing and applying new technology to ensure battlespace dominance

Point Mugu is a leader in RDT&E of guided missiles, advanced weapons and weapon systems – proven through 50 years of unparalleled products.

- ◆ World leader in development and integration of tactical electronic combat systems for the protection of Navy and Marine Corps aircraft
- ◆ World leader in complex weapon systems and software integration
- ◆ Unique world-class facilities and test ranges

PRODUCTS AND SERVICES

WEAPON SYSTEMS TEST AND EVALUATION

Point Mugu has a 36,000 square-mile instrumented sea range, including San Nicolas Island, to support both developmental and operational test and evaluation of missiles, free-fall weapons and electronic warfare systems. Expertise includes Sea Range operations, mono- and bi-static radar cross-section measurement; surface and air target operations, and test and evaluation engineering. Fleet training is supported for live-fire weapons launched from aircraft, ships and submarines. Examples of weapon systems supported include High-speed Antiradiation Missile (HARM), Joint Direct Attack Munition (JDAM), Joint Standoff Weapon (JSOW), Sidewinder, Tomahawk and Standard Missile.

WEAPON SYSTEM INTEGRATION AND ELECTRONIC WARFARE

Point Mugu integrates weapons and avionics onto tactical aircraft. In-house expertise ranges from requirements definition through mission system design and developmental testing, trainer/support equipment upgrades, operator/maintainer handbooks, mission planning, fleet support and foreign military sales. (Tactical aircraft support includes the F-14B/D and EA-6B.)

Point Mugu develops software for tactical aircraft electronic warfare systems. Products include jammers, infrared countermeasures, radar warning receivers, chaff and decoys.

IN-SERVICE ENGINEERING

Point Mugu provides engineering and training support to the fleet for in-service weapons missile test equipment and missile and weapons support equipment. Expertise includes maintenance (logistics support, inspection, repair), documentation (maintenance manuals, assembly manuals, technical publications), supply support, training and fleet on-site engineering technical support.

PEOPLE

NAVAIR Point Mugu employs more than 1600 civilian employees, and over 240 active duty military personnel.

FACILITIES

Point Mugu is a tenant command on Naval Base Ventura County, a component of the Navy Southwest Region, San Diego, Ca. The Sea Range at Point Mugu is ideal for testing weapon systems and developing tactics.

- ◆ 36,000 square miles of restricted airspace over the Sea Range
- ◆ Test area expandable to 125,000 square miles
- ◆ Geographical features include littoral areas, deep-water ports and San Nicolas Island
- ◆ Airfields on San Nicolas Island and at Naval Air Station Point Mugu

ACCOMPLISHMENTS

- ◆ Point Mugu helped achieve initial fleet capability of JDAM on the F-14B
- ◆ Improved communications and navigation capability on EA-6B
- ◆ Delivered the Integrated Defensive Electronic Countermeasures Block I system for fleet operational testing on the F/A-18
- ◆ Improved radar warning receivers, electronic jammers, missile warning receivers, chaff and decoys
- ◆ Supported EA-6B during Operations Iraqi Freedom and Enduring Freedom with electronic warfare data-base, intelligence, information warfare, and electronic upgrades
- ◆ Received the Harold Metcalf Services Award from the Federal Laboratories Consortium in 2003

FOR MORE INFORMATION, CONTACT:
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