Strategic Plan

Our Vision
To be the leader providing innovative, integrated, and dominant warfighting effects for our Naval, joint, and coalition forces

Our Mission
To execute full-spectrum weapons and warfare systems Research, Development, Acquisition, Test, and Evaluation (RDAT&E)

Providing our Warfighters the decisive advantage . . .
### Our People

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Civilians</td>
<td>4,632</td>
</tr>
<tr>
<td>Military</td>
<td>190</td>
</tr>
<tr>
<td>Contractors work years</td>
<td>2,003</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>6,825</strong></td>
</tr>
</tbody>
</table>

As of 31 December 2011
NAWCWD Statistical Summary
Our People by Occupation

- S&E Professionals: 47% (2,167)
- Clerical / Administrative Support: 6% (307)
- Business Professionals: 16% (738)
- S&E Technicians / Support: 16% (728)
- Technical Specialists: 14% (645)
- Wage System: 1% (47)

Total: 4,632

As of 31 December 2011
Civilian / Military Team

Naval Test Wing Pacific
Air Test & Evaluation Squadron THREE ZERO (VX-30)
Air Test & Evaluation Squadron THREE ONE (VX-31)
Air Test & Evaluation Squadron NINE (VX-9)
Marine Aviation Detachment (MAD)
What We Do

Modeling, Simulation, and Analysis

Test and Evaluation

Research and Engineering

Weapons and Weapon Systems

Weapons / Platform Integration

Systems-of-Systems Integration

Energetics

Electronic Warfare

Survivability / Vulnerability / Lethality

Electronic Warfare
Family of Weapons

AIM-9X
Free-Fall Weapons
JSOW
Standard Missile

AMRAAM
HARM
RAM
Tomahawk

ESSM
JDAM
SLAM-ER
Trident

Standard
Missile

Trident
Weapons & Systems Integration

- F/A-18
- EA-18G
- F-35
- AV-8B
- EA-6B
- H-1
- AH-1Z
- AH-1W
- UH-1Y
- Ships
- Submarines
- Unmanned Systems
  - UGV
  - ScanEagle
  - Firescout
Direct Fleet Support

- Interface with Fleet personnel and TYCOMs
- Warfighter Response Center 24/7
- Electronic Warfare Software Response
- Support Air Launched Weapons Team (ALWT)
- Seaborne Swarming Threat
- Weapons System Support Activity
- Conduct Weapons Readiness Reviews
- Respond to Conventional Ordnance Deficiency Reports (CODRs)
- Conduct Engineering Investigations
- Ensure deployment-ready systems
- Install Mission Planning Systems onboard CVNs
- Depot-level Weapons Support
Innovative Weapons and Systems

- Spike
- Low Cost Guided Imaging Rocket (LOGIR)
- Thermobaric Hellfire
- Distributed Ground-Sensor-Grid Threat Detection System (DGTDS)
- Revolutionary Approach to Time-critical Long Range Strike (RATTLRS)
- Low Collateral Damage Bomb (LOCO)
- Directed Energy Weapons
- Automatic Radar Periscope Detection and Discrimination (ARPDD)
Environmental Stewardship

- Protected plants, animals, Native American archeological sites, and historic structures
- Coso Rock Art National Historic Landmark
- Renewable Energy
Renewable Energy (RE)

- Coso Geothermal Project produces enough electrical power for more than 219,000 homes
- Photovoltaic and solar thermal projects save the Navy more than $1 million annually
- Biomass to jet fuel research and development
- Wind turbines on San Nicolas Island

AV-8B Biofuel flight test
September 2011
Key Resources

China Lake

- 1,503 Structures totaling 3,142,734 sq.ft. on 1,110,414 acres
  - 5 Hangars, 3 main runways + 2 UAV operational strips
- 1,777 sq. mi. of Land Range (Instrumented)
- 20,000 sq. mi. Restricted / Controlled Air Space
- McLean, Michelson, Lauritsen, Advanced Weapons, Weapons and Armaments Technology, and Weapons System Integration Laboratories
- China Lake Propulsion Laboratory
- Weapons Survivability Laboratory
- Supersonic Naval Ordnance Research Track (SNORT)
- Skytop – Trident to large rocket motor test facility
- Electronic Combat Range
- Range Control Center
- VX-31

Point Mugu

- 157 Structures totaling 1,230,057 sq.ft. on 4,490 acres
  - 4 Hangars, 2 main runways
- 36,000 sq. mi. of Sea Range (Instrumented – includes Laguna Peak, Santa Cruz and San Nicolas Islands)
- 36,000 sq. mi. Restricted / Controlled Air Space
- Sea Range Operations Center
- EA-6B & EA-18G Airborne Electronic Attack (AEA)
- Electronic Combat Simulation and Evaluation Laboratory (ECSEL)
- Radar Reflectivity Laboratories
- Naval Test Wing Pacific – VX-30

San Nicolas Island

- 25 Structures totaling 147,538 sq.ft. on 13,370 acres
  - 1 Hangar, 1 main runway
  - Range instrumentation
  - Theater warfare exercises and littoral warfare training
Sidewinder
Tiny Tim
Naval Air Ordnance Test Station
China Lake
1940s - 1960s

Regulus

U.S. Navy
Ordnance Test Station
China Lake

Naval Air Missile Test Center
Point Mugu

1970s
1980s - 1990s

Naval Weapons Center

SHRIKE

Naval Air Warfare Center Weapons Division
1992 - 2000s -
Future

Bullpup

Pacific Missile Test Center