

ENCROACHMENT CHALLENGES SYNOPSIS

The types of encroachment sources, described and defined below are drawn from various studies and reports of Navy and non-Navy actions that have occurred which have had an impact on training and test activities. Although not all encompassing, these potential sources of encroachment need to be examined to determine if they exist at an installation, range, military training routes (MTR), special use airspace (SUA) or operation areas (OPAREA). Once a potential challenge is identified, it should be analyzed to determine the potential impacts and constraints imposed.

Urban Development (population growth) – As communities grow toward the boundaries of installations, ranges, OPAREAs, and beneath MTRs and SUAs, land use development could become incompatible with the Navy's mission. Incompatible development can seriously compromise the quality of the Navy's training and test mission requirements. Urban development may not surmount to an immediate threat, but continued incompatible development could present a long-range threat to the mission. Urban development may also damage habitat needed for wildlife to survive, making the installation or range the only available habitat in the area.

Airborne noise - The central issue of airborne noise is the impact, or perceived impact, on people, animals (both wild and domestic), structures, and land use.

Competition for air space, land, and sea space - The Navy owns, controls, or uses resources, that need to be available to accomplish testing and training missions. These resources must be of sufficient size and quality to provide effective training and testing. Public pressure to share or relinquish some of these resources may inhibit the Navy from accomplishing its training and test objectives, or inhibit anti-terrorism/force protection programs.

Competition for scarce resources (oil, gas, minerals, potable and irrigated water, and ocean access) - Community pressure to gain access to valuable resources located on land or sea that Navy owns or controls may affect Navy's ability to use this land or water for training or test objectives.

Threatened and Endangered Species – Restrictions for the purpose of protecting threatened or endangered species can reduce the value of an installation, range, or OPAREA for testing and training by limiting the types of permissible activities in terms of composition, magnitude, or timing.

Maritime issues (Marine Mammals, Endangered Species, Fish Habitats, Coral Reefs, Coastal Zones, Sanctuaries, and other marine protected areas) -- Regulatory or permit requirements protecting ocean resources cumulatively affects the Navy's ability to conduct training exercises or testing in the marine environment.

Ordnance - Unexploded Ordnance (UXO)/Munitions -- Application of various environmental laws to munitions training, demolition, disposal, or testing activities could have severe and adverse impacts on readiness.

Safety Arcs and footprints (Explosive Safety Quantity Distance (ESQD) Arcs, Surface Danger Zones, Weapons Safety Footprint Areas) - Land adjacent to installations and range safety zones, including land within the installation or range, may not be suitable for certain types of land use or economic development purposes.

Frequency Spectrum - The competition for available frequency spectrum may lead to a reduction in available spectrum for training and developmental/operational testing activities. The lack of spectrum may decrease the effectiveness of exercises by restricting the number of war-fighting systems that can participate. As the potential for residential and commercial encroachment increases, so does the risk of increased RF emitters and receivers, which could result in Electromagnetic Interference (EMI) problems between Navy systems and public or commercial systems.

Air Quality - Impacts to training and test missions in non-attainment areas, and conformance with individual State Implementation Plans (SIPS), may restrict existing mission requirements or preclude execution of new missions, as well as deployment and use of new weapon platforms.

Water Quality - Discharge permit requirements and timelines and/or prohibited or restricted access to wetlands and/or their buffer zones can restrict existing mission training, preclude or restrict integration of new technology/weapons systems into existing missions and training or preclude future growth and execution of new missions in amphibious, riverine, estuarine and other salt and fresh water related missions.

Interpretation of Historical/Environmental regulations - Regulatory or permit requirements may affect training and testing activities. Other non-Navy actions may affect Navy's current regulatory or permit requirements under these regulations.

Interagency Coordination (e.g., Forest Service, Bureau of Land Management (BLM), Bureau of Reclamation (BOR), National Park Service (NPS), U.S. Fish and Wildlife Service (FWS), and State equivalents) - Navy often uses land controlled by another Federal or State agency. The types of allowable uses and restrictions are often the result of negotiations between the parties or subject to the other Federal agency's policies and regulations. These restrictive uses can limit training and testing activities.

Legislative initiatives that restrict training or testing activities - Congress may enact legislation that directly or indirectly limits the Navy's flexibility to conduct training or testing activities.

<http://www.nature.org/wherewework/northamerica/states/florida/press/press3344.html>

FedCenter

www.fedcenter.gov

Collaborative Land Use Planning: A Guide for Military Installations and Local Governments
http://www.fedcenter.gov/kd/Items/actions.cfm?action=Show&item_id=7667&destination=ShowItem

Santa Rosa County, Florida

Team Santa Rosa

http://www.teamsantarosa.com/military_jointlanduse.php

Other Sites

http://findarticles.com/p/articles/mi_m6052/is_2006_July/ai_n27101207

California – The Governor’s Office of Planning and Research

Military Affairs

<http://opr.ca.gov/index.php?a=military/info.html>

National Conference of State Legislatures

Military Installation Sustainability

<http://www.ncsl.org/programs/environ/fedfacilities/FedDOD.htm>

Florida Conflict Resolution Consortium

<http://consensus.fsu.edu/>

State of Arizona

Arizona Department of Commerce

<http://www.azcommerce.com/Military/Compat/>

Arizona Statewide Guidebook (Military compatible development)

http://www.azcommerce.com/doclib/commasst/policy%20guidebook/arizona_mrccp_policy_guidebook.pdf

Arizona Military Installation Fund

<http://www.azcommerce.com/Military/MIF/>

Arizona Division of Real Estate

[http://www.azre.gov/PUBLIC INFO/Airport Maps/Territory in the Vicinity of a Military Airport.html](http://www.azre.gov/PUBLIC_INFO/Airport%20Maps/Territory%20in%20the%20Vicinity%20of%20a%20Military%20Airport.html)

Arizona State Statutes – Title 28, Chapter 25, Article 7 – “Airport Zoning Regulations”

<http://www.azleg.gov/ArizonaRevisedStatutes.asp?Title=28>

US Army

Army Compatible Use Buffers

<http://aec.army.mil/usaec/acub/acub00.html>

US Army Sustainability

http://www.sustainability.army.mil/tools/programtools_acub.cfm

Department of Defense

Office of the Deputy Under-Secretary of Defense Installations and Environment
Enhanced Planning Communication and Notification

<https://www.denix.osd.mil/portal/page/portal/SustainableRangeInitiative/Tools/AdditionalResources/SISMRS/EPCN>

Military Installation Planning and Encroachment Issues Reference Material

Catanese Center for Urban and Environmental Solutions at Florida Atlantic University
Military-Community Growth Planning
<http://www.cuesfau.org/toolbox/chapter.asp?chapterid=12>

Office of Economic Adjustment (OEA)
www.oea.gov

The OEA has the Joint Land Use Study program (JLUS). A JLUS is a cooperative land use planning effort between affected local government and the military installation. The recommendations present a rationale and justification, and provide a policy framework to support adoption and implementation of compatible development measures designed to prevent urban encroachment; safeguard the military mission; and protect the public health, safety, and welfare. Information is available at the website below. Click on "Compatible Use" and then "JLUS".

OEA Library by Category
<http://www.oea.gov/OEAWeb.nsf/LIBbyCategory?readform>

OEA – Managing Growth
<http://www.oea.gov/OEAWeb.nsf/Growth?readform>

OEA Planning Tools
www.oea.gov/oeaweb.nsf/Home?readform.

OEA Practical Guide to Compatible Civilian Development Near Military Installations
www.oea.gov/OEAWeb.nsf/PG?readform

International City/County Management Association
<http://icma.org>

ICMA – Military Programs
<http://icma.org/mps/>

Florida Department of Community Affairs (DCA)
www.dca.state.fl.us/fdcp/dcp/militarybase

Florida Department of Transportation
Airport Compatible Land Use
http://www.dot.state.fl.us/aviation/text_version/compland.htm

National Governor's Association Center for Best Practices

Military Bases

<http://www.nga.org/portal/site/nga/menuitem.4096192acba1c8899cdcbbeb501010a0/?vgnextoid=e98358fb74ee1010VgnVCM1000001a01010aRCRD>

Practical Guide to Compatible Civilian Development Near Military Installations

<http://www.nga.org/portal/site/nga/menuitem.9123e83a1f6786440ddcbbeb501010a0/?vgnextoid=e190294036459010VgnVCM1000001a01010aRCRD>

Forming Conservation Partnerships to Prevent Encroachment of Military Installations

<http://www.nga.org/portal/site/nga/menuitem.9123e83a1f6786440ddcbbeb501010a0/?vgnextoid=34b5303cb0b32010VgnVCM1000001a01010aRCRD>

State Strategies to Address Encroachment at Military Installations

<http://www.nga.org/portal/site/nga/menuitem.9123e83a1f6786440ddcbbeb501010a0/?vgnextoid=fad0303cb0b32010VgnVCM1000001a01010aRCRD>

Military Installations Pressured by Sprawl

<http://www.nga.org/portal/site/nga/menuitem.9123e83a1f6786440ddcbbeb501010a0/?vgnextoid=a173303cb0b32010VgnVCM1000001a01010aRCRD>

1000 Friends of Florida

Military Base Encroachment – Issues and Planning

<http://www.1000fof.org/Panhandle/Documents/Military%20Base%20Encroachment%20IssuesAugust%202005.doc>

Association of Defense Communities

<http://www.defensecommunities.org>

Military Installations and Encroachment Overview

<http://www.defensecommunities.org/Downloads/Annual/Hicks.pdf>

Florida Defense Alliance

<http://www.floridadefense.org>

Florida Defense Community - Economic Impact Analysis

<http://www.floridadefense.org/public.asp>

Working with State Legislators

http://www.floridadefense.org/documents/PRIMER2_NCSL.pdf

American Planning Association – Federal Division

<http://www.federalplanning.org/index.htm>

The Nature Conservancy

Florida Forever Buffers Florida Military Bases to Protect Economy and Ecosystems