



Naval Air Station Fallon Update for the Legislative Committee on Public Lands

22 August 2008

**CDR Luther Hook
Executive Officer**



Outline



- ◆ **NAS Fallon**
 - **Naval Strike and Air Warfare Center**
- ◆ **Fallon Range Training Complex (FRTC)**
- ◆ **Current Training**
- ◆ **Issues**

**Exhibit F - LANDS
Document consists of 19 slides.
Entire Exhibit Provided
Meeting Date: 08-22-08**



NAS Fallon's Mission



- ◆ **Maintain and operate facilities, and provide services and equipment, to support the most realistic Strike and Integrated Air Warfare training available for Fleet operating forces**
- ◆ **Support Research, Development, Test, and Evaluation (RDT&E) operations on a not-to-interfere basis**



Naval Strike and Air Warfare Center (NSAWC) Mission



- ◆ **Primary site/authority for Graduate Level Naval Strike/Air Warfare Training**
 - **Air Wing Training**
 - **Weapons Tactics Instructor Training**
 - **TOPGUN, TOPDOME, SWTI**
 - **Joint Training**
 - **Desert Rescue Exercise / Patriot integration**
- ◆ **Tactics Development**





Demographics



- ◆ **NAS Fallon land area = 8,670 acres**
- ◆ **NAS Fallon & Tenants**
 - **61 Aircraft**
 - **2,945 Personnel**
 - **1,127 Military: 190 Officers and 937 Enlisted**
 - **418 Civil Service**
 - **approx. 1,400 Contractors**
- ◆ **Over 40,000 transient personnel annually**



Annual Training (FY06)



- ◆ **25 weeks of operations supporting Carrier Air Wing/SFARP/Unit-level detachments**
 - **Carrier Air Wings** **3 x 4 weeks**
 - **SFARP** **5 x 3 weeks**
 - **TOPGUN Classes** **4 x 9 weeks**
 - **Unit-level training** **14 x 2 weeks**
- ◆ **26 dets totaling ~88 weeks of training**

NASF Tower Operations
52,435

FRTC Range Sorties
200,000+



Fallon Range Training Complex (FRTC)



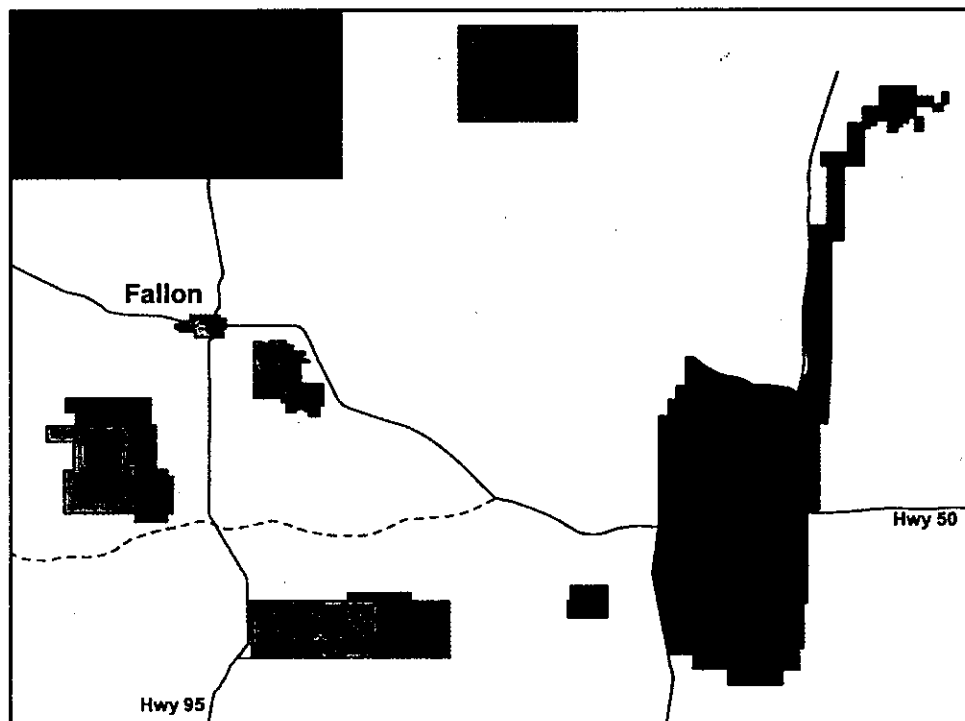
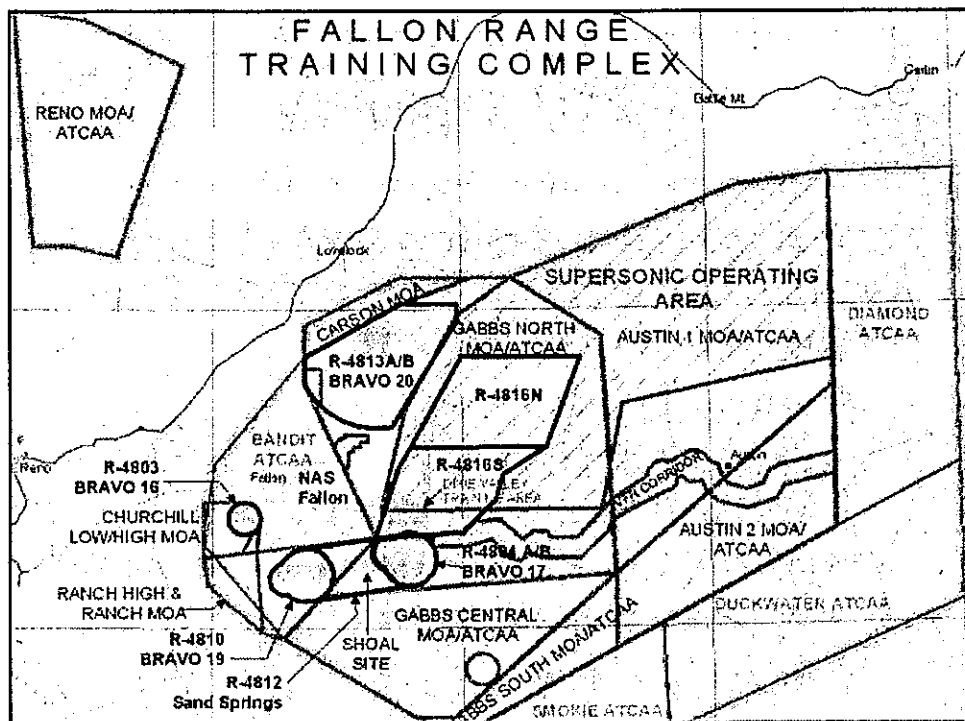
***Over 80% of Weapons
dropped from Navy
aircraft in training land on
the Fallon Ranges***



FRTC



- ◆ Naval Aviation's Premier Training Range
- ◆ Airspace – 13,200 sq mi. (6.5 mil acres)
 - Less than 3% is restricted Navy land (145,000 acres)
 - 97% open to ranching/mining/recreation
 - Approximately 800 residents
 - Austin and Gabbs
- ◆ Training area larger than States of Massachusetts and Rhode Island
- ◆ Very similar to Afghanistan and Iraq





FRTC Training



- ◆ **Training/Tactics requirements change rapidly due to the dynamic nature of the Global War on Terror (GWOT)**
 - **A resulting increase in:**
 - **Close Air Support**
 - **Special Operations training**
 - **Military Operations in Urban Terrain (MOUT)**
 - **Roadside bomb (IED) Training**
 - **Convoy training**



FRTC Training



- ◆ **Training enhancements**
 - **Increased presence of ground training forces**
 - **Use of “Visual Cueing” Targets**
 - **Non-ordnance targets designed to increase appearance of threat footprint on ground**
 - **Tanks, Armored Personnel Carriers, Trucks, etc**
 - **Increased use of Unmanned Aerial Vehicles**



FRTC Training



- ◆ **Other syllabus changes**
 - Upgrading Electronic Warfare (EW) and Communications capabilities
 - Mobilizing EW threats
 - Utilizing EW satellite sites identified in 2003 Requirements Document
 - Addition of mobile threat ground targets
 - Training to moving land targets



FRTC Training



- ◆ **National Defense Policy drives training**
- ◆ **Accredited for Joint National Training Capability (JNTC) in August 2007**
 - Increased level of joint service integration with Fallon Air Wing training syllabus
 - Air Force AWACS, Army PATRIOT, other units and platforms
 - Future integration with USMC ground forces



FRTC Training



- ◆ **No changes or expansion expected**
- ◆ **Airspace constrained by airway corridors**
- ◆ **MOAs/ATCAAs may be denied if required by commercial traffic**
 - **Coordinated with FAA via Oakland and Salt Lake City Air Traffic Control Centers**
 - **Usually in response to weather**



FRTC Range Issues



- ◆ **Crescent Valley**
 - **Supersonic airspace**
- ◆ **Special Use Airspace**
 - **Hours available versus demand**



Range Issues



- ◆ **Wilderness Areas designation**
 - **Maintain current access**
 - **Airspace**
 - **Mishap sites**
- ◆ **Wind Farms impact on flight ops**
 - **Interfere with low level and Helo flights**
 - **Wind energy development process**



Land Use Partnering



Innovative Opportunities

- ◆ **Green Energy**
 - **Geothermal power plant at NASF**
 - **Future photovoltaic array**
- ◆ **Encroachment Management**
 - **Base Encroachment Action Plan**
 - **Partnering opportunities**
 - **Churchill County -- transferable development rights (TDRs)**
 - **State of Nevada -- Question 1 funds**
 - **Lahontan Valley Land and Water Alliance**
 - **Nevada Land Conservancy**
 - **NV Senate Bill 269 signed into law**

