



Joint Land Use Study Implementation and Operational Outreach

26 FEB 2016

Presented to:

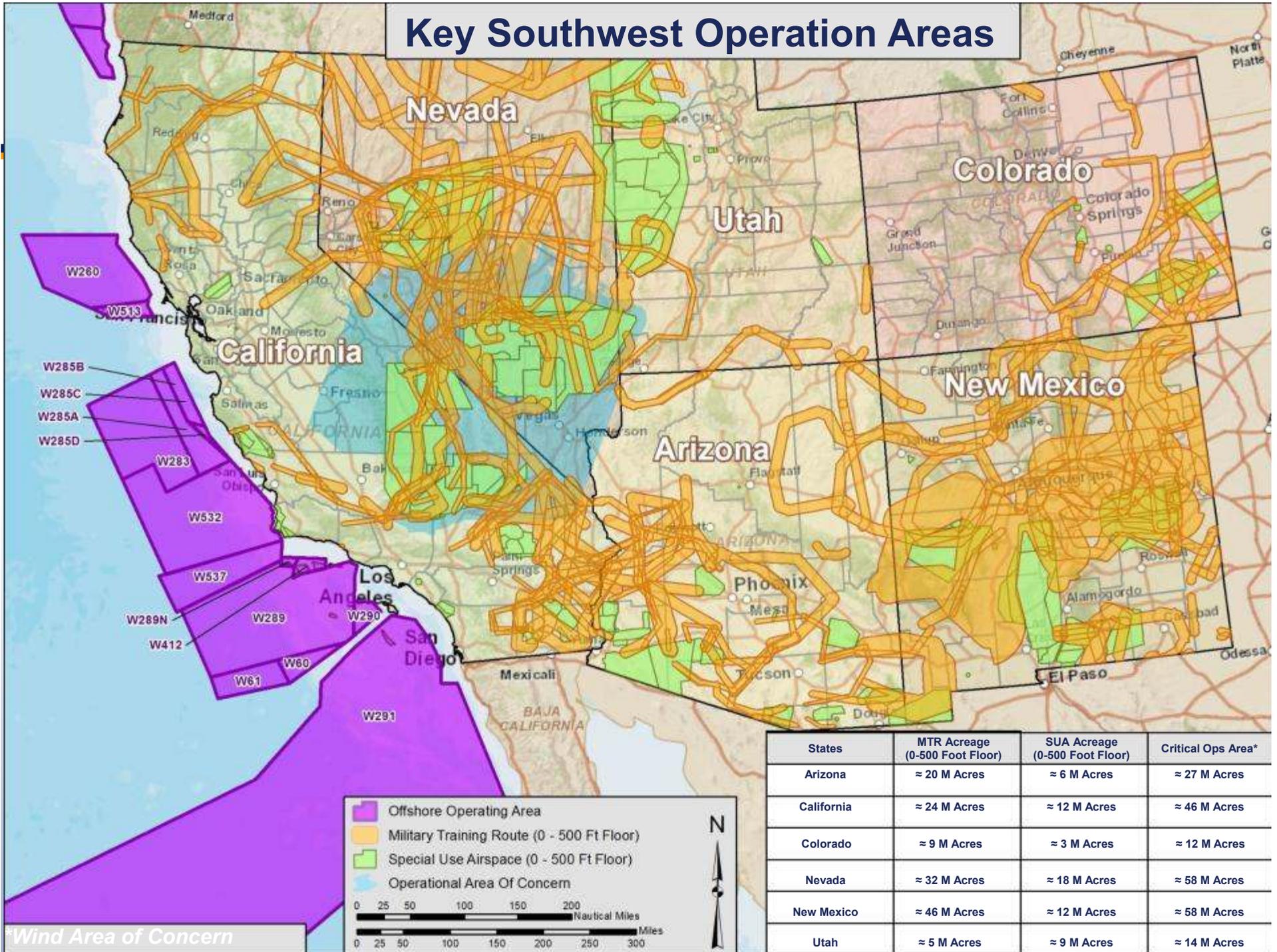
NEVADA JOINT MILITARY AFFAIRS COMMITTEE

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Key Southwest Operation Areas



States	MTR Acreage (0-500 Foot Floor)	SUA Acreage (0-500 Foot Floor)	Critical Ops Area*
Arizona	≈ 20 M Acres	≈ 6 M Acres	≈ 27 M Acres
California	≈ 24 M Acres	≈ 12 M Acres	≈ 46 M Acres
Colorado	≈ 9 M Acres	≈ 3 M Acres	≈ 12 M Acres
Nevada	≈ 32 M Acres	≈ 18 M Acres	≈ 58 M Acres
New Mexico	≈ 46 M Acres	≈ 12 M Acres	≈ 58 M Acres
Utah	≈ 5 M Acres	≈ 9 M Acres	≈ 14 M Acres

Wind Area of Concern



Military Challenges



Realistic Training & Testing Areas Are Being Impacted From:

- Siting of Incompatible Renewable Energy Projects in Military Operational Areas
- Siting of Incompatible Urban Developments in Military Operational Areas
- Environmental Constraints Within Military Operational Areas
- Conflicting Demand from Public for Access to Military Operational Areas

**Military Supports Renewable Energy and Economic Development
Compatible with Military Operations**

Impacts:

- Degraded/Loss of Full Capabilities in Certain Test & Training Areas
- Program Slippage/Increased Cost
- Less Capability Delivered to the Warfighter
- Loss of Rapid Response Capability for Certain Systems
- Challenges to Fielding New/Upgraded Radar and Weapons Systems



Mission Compatibility Approach



Local-Regional Agency Level

- Establishing Military Compatible Policies and Procedures with Land Use Jurisdictions (eg. **JLUS**)
- Consistent Project Notification and Review
- Early Consultation

State-Federal Agency Level

- Sustained Implementation of Existing Laws to Protect Military Mission
- Seat at the Table for Area-Wide Initiatives

Multi-State / Tribal Level

- Western Regional Partnership Promotes:
 - Improved regional coordination;
 - Identification of potential conflicts and promotion of solutions

Identify Critical Op Areas

- Key SW Military Operational Areas have been identified.

Pro-Active Engagement

- Engage agency officials to introduce the concept compatible land use and educate to convey importance of operations necessary to maintain military readiness.

Agency Coordination

- Work with external agencies to develop, plan & implement compatible policies, ordinances, or procedures through strategic stakeholder meetings and public hearings.

Sustain Agency Relationships

- Don't engage an external agency only when the Military has a problem – build trust and continuity



Joint Land Use Study



JLUS protects viability of current and future military operations while promoting working relationships and compatible development in the military training areas

Study identified 45 Issues and 95 Strategies

Next phase – Implementation

- Churchill County included nearly twenty changes to the county code and included changes to the 2015 Master Plan
- NASF is increasing cooperation with state and federal agencies with concerns on the FRTC
- NASF main concerns for development are:
 - Towers and other possible obstructions to flight
 - Communication facilities and towers
 - Major changes in land use such as renewable energy projects



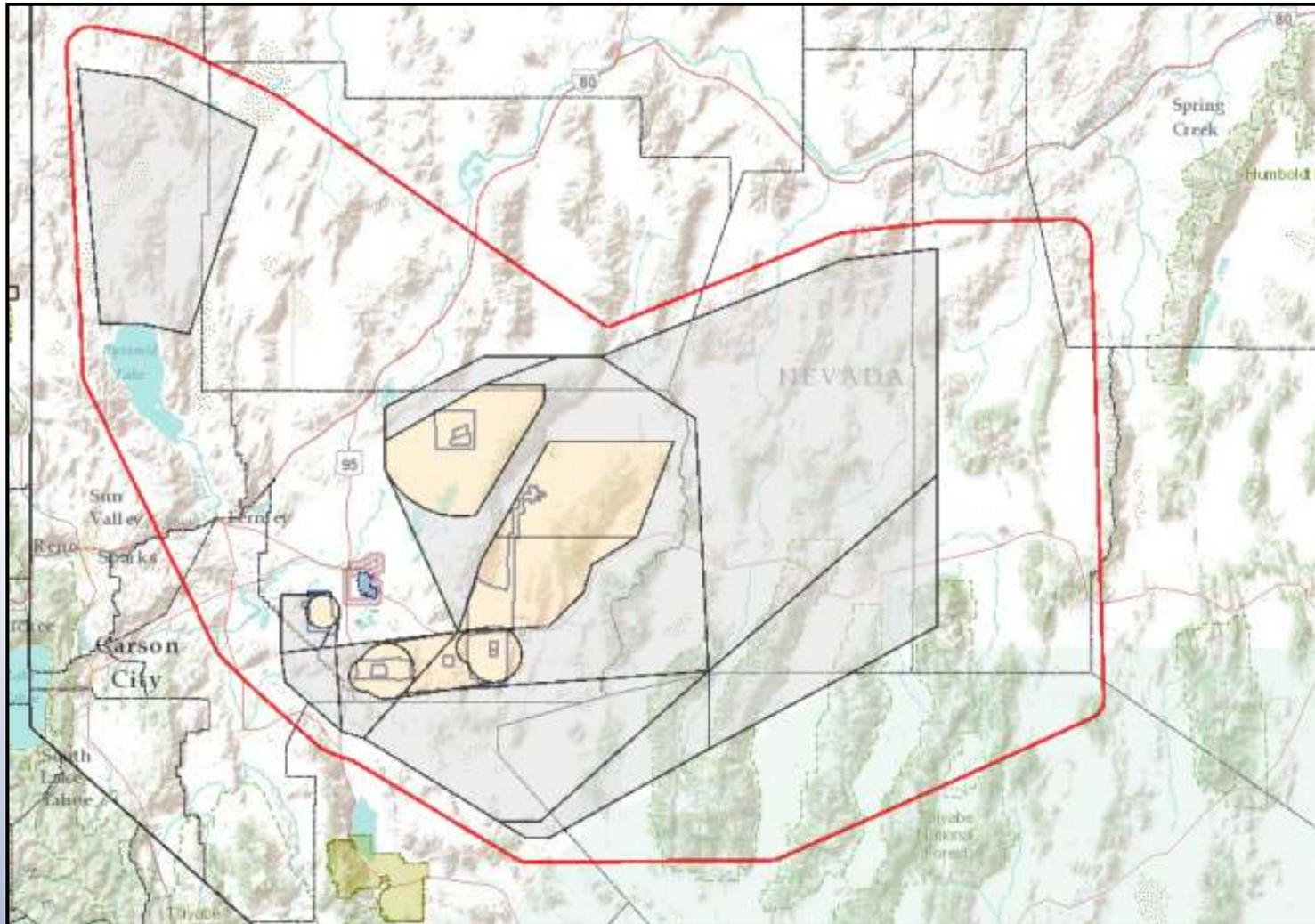
Educate Stakeholders



- NAS Fallon is a training base for :
 - Air to Air Warfare
 - Strike Warfare
 - Electronic Warfare
 - Naval Special Warfare (NSW)
 - Anti-Surface Warfare
 - Expeditionary Warfare
- Train all Carrier Air Wings 90 days prior to combat deployment
- Weapon Schools graduate level training
- NSW Tactical Ground Mobility Training (ULT)



Fallon Range Training Complex





NASF JLUS Key Strategies



Vertical Obstructions

- Enact building / structure height limitations under flight paths
- Provide NAS Fallon notification of proposals for structures greater than 75 feet

Frequency Spectrum

- Promote joint infrastructure corridors and facilities
- Formalize communication procedures relative to frequency use

Major Land Use Changes

- Amend Comprehensive Plans and Resource Management Plans to incorporate procedures for coordinating renewable energy
- Establish procedures for Navy plan review and comment



Coordination



- Provide projects to the State Clearinghouse (Skip Canfield)
- Plan for review and comment of projects that may impact Navy operations
- Planning Board coordination (dialog and situational awareness)
- Compatible land use planning for major projects and renewables
- Spectrum coordination
 - Interference
 - Tower and infrastructure location and possible colocation
 - Promote dual band equipment
 - Transmission line coordination
- UAS operating area input to Navy
- FAR 77 compliance (FAA)



Next Steps & Strategies



- Create and maintain GIS data clearinghouse
- Develop MOA/MOU's where appropriate
- Updated Points of Contact
- Follow on JLUS implementation initiatives
- Continued coordination with state and federal agencies for protection of Greater sage grouse



Questions?

