Marine Air Ground Task Force Training Command/
Marine Corps Air Ground Combat Center

Twentynine Palms, CA
America’s 911 Force

“As the Nation’s crisis response force and force in readiness, Marines remain forward deployed, ready to fight and win tonight. As Marines have always done, we will continue to seek new opportunities and develop solutions that maintain an overwhelming tactical advantage over any adversary.“

- General Robert B. Neller, 37th Commandant of the Marine Corps
Marine Corps Overview

Personnel:
- Active Duty Component: ~184,200
- Marine Corps Reserve: ~39,600
- Currently Deployed: ~30,100

USMC receives **ONLY 7%** of the DOD Budget and Contributes:
- 21 % Infantry Battalions
- 15% Fighter/Attack Aircraft
- 11 Artillery Batteries
- 7 Scalable MEUs deployed on amphibious ships worldwide
Marine Air Ground Task Force Training Command (MAGTFTC): Manage the Marine Air Ground Task Force Training Program (MAGTFTP) and conduct service level Marine Air Ground Task Force (MAGTF) combined arms training to enhance the combat readiness of the operating forces and support the Marine Corps’ responsibilities to national security.

Marine Corps Air Ground Combat Center (MCAGCC): Provide a standard of excellence in managing facilities, services and support to the operating forces, and families in order to ensure readiness of the tenant and resident commands aboard the Combat Center.
Operational Requirements

• Marines deploy as a Marine Air Ground Task Force (MAGTF).

• MAGTF has a single commander with ground, air and logistics components.

• Structured to accomplish specific missions/Mission dictates size of force assembled.

• USMC determination – Marine Expeditionary Brigade (MEB) MAGTF is the essential size to meet global challenges.

• Marines MUST train as we fight.
Land Expansion Project

**USMC Requirement:** Provide sustained, combined-arms live-fire, and maneuver field training for Marine Expeditionary Brigade (MEB) sized Marine Air Ground Task Forces (MAGTFs).

**Expansion:** Existing facilities, ranges and live-fire ground and air maneuver areas are inadequate to support the requirement for MEB-sized training exercises.

- 2006: Universal Needs Statement Approved for Large-Scale MAGTF Training area at MCAGCC
- 2007-2013: USMC completed NEPA process
- 2013: MCAGCC expanded and Johnson Valley Shared Use Area Established
- 2016: First Large Scale Exercise completed
NDAA Disposition of Lands

Total: 163,980 acres

West Study Area: 144,540 acres
  - Exclusive Use: 88,130 acres
  - Shared Use: 56,410 acres

South Study Area: 19,440 acres

Shared Use Area:
- Non-dud producing LF only
- Establish RMG to coordinate
LSE-17 Elements and Activities

LSE-17 included: *long-range raids, casualty evacuations, live-fire events, defensive operations, cyber and electronic warfare, information operations, and close-air support*

- **Command Element:** 2nd Marine Division
- **Ground Combat Element:**
  - 2nd MarDiv Regimental Combat Team-8
  - 5th Mechanized Brigade Group, Canada
  - 3rd Command Brigade, UK
  - 6th Light Armoured Brigade, France
- **Air Combat Element:** 2nd Marine Aircraft Wing
- **Logistics Element:** 2nd Marine Logistics Group
- **II Marine Expeditionary Force Information Group**
TSUA to Support Land Expansion

• The process to complete acquisition of additional Permanent SUA could take **several years** to complete. In the **interim**, the Marine Corps successfully pursued temporary measures to accommodate Large Scale Exercise-17 through a **Temporary Special Use Airspace** Proposal.

• TSUA was necessary to safely **utilize the airspace to support training** over the newly acquired lands.
**TSUA Effort and Beyond**

- **LSE-17 TSUA** will serve as a “Proof of Concept” for Permanent new SUA proposal.
- Permanent SUA is to support both MEB and MEB building block exercises.
- FAA process towards Permanent SUA solution is 2-5 years.

### Timeline

- **July 2016** – FAA formally disapproved Marine Corps TSUA proposal for LSE-16.
- **October 2016** – Marine Corps submitted TSUA proposal in support of LSE-17.
- **August 2016** LSE-16 executed (convoy ops)
- **FAA approves TSUA LSE-17 26 Jun 2017** processing time: ~280 days
- **LSE-17 (Combined Arms Training)**
- **Summer 2017** – Incorporate lessons learned from LSE-17 to evaluate for adjustments to Permanent SUA proposal.
- **Fall 2017** – Marine Corps to submit anew a Permanent SUA Proposal in support of future MEB and MEB Building Block Exercises.
- **LSE-18 (MEB-level training)**

- **July 2016**
- Aug 2016
- Sept 2016
- Oct 2016
- Nov 2016
- July 2017
- Aug 2017
- Summer 2017
- Fall 2017
- Summer 2018
TSUA Approval

- TSUA approved by FAA for LSE-17, 29 June 2017.
- TSUA for LSE-17 is a subset of the required SUA to fully support a LSE/MEB training at MCAGCC with new JV lands.
- Coordination for the TSUA for LSE-17 to support live fire and maneuver training will occur daily between LA Center (FAA) and MCAGCC.

Twentynine Palms Large Scale Exercise (LSE)
Times of Use
August 7 - 26, 2017
By NOTAM; 6 hours in advance
FAA Key Events

• **April 2012**: CG MCIWEST and MCIWest / MCAGCC/ TECOM staff brief updated PSUA proposal to FAA Los Angeles Center (ZLA) – reduced airspace proposal from that assessed in project EIS.

• **February 2014**: MCIWest /Western Regional Airspace Coordinator (WRAC) brief ZLA on further revised (reduced) PSUA proposal.

• **April 2014**: MCAGCC submits PSUA proposal to FAA Western Service Area Headquarter (WSA).

• **September 2015**: TSUA LSE-16 proposal submitted to WSA.

• **November 2015**: WSA reply regarding PSUA: “we cannot support... open dialogue to reach a viable solution.”

• **July 2016**: WSA formally disapproves TSUA LSE-16.

• **October 2016**: TSUA LSE-17 proposal submitted to WSA.

• **June 2017**: FAA approves LSE-17 TSUA.
Special Use Airspace (SUA)

MCAGCC 29 Palms

Major Airport:
LAX, LGB, SNA, ONT, SAN, PSP, LAS
PSUA Way Ahead

• Marine Corps review LSE-17 for lessons learned operating under TSUA.

• Marine Corps review original PSUA proposal and, if determined necessary, amend proposal to meet SUA requirements to support MEB sustained, combined-arms live-fire maneuver training.

• Marine Corps leadership (three-star, AVN, MCCDC, I&L) approve PSUA submission.

• Marine Corps, with NAVAIR, submit PSUA proposal to FAA.
PSUA Proposal

29 Palms Proposed Permanent Special Use Airspace

- Surface to FL400
- 40 days/year supporting two x 20-day Exercise
- Two x 3-day FINEXs, Two x 17-day Exercise Work Ups
- Proposals delivered to the FAA Regional HQ

- R-XXXX A/B/C/D
- R-XXXX A & D: SFC-FL 400
- R-XXXX B & C: SFC-8000ft
- Johnson Valley MOA/ATCAA: 3000ft – FL 400
- New Sundance MOA/ATCAA: 1500ft – FL 400
- New Bristol MOA/ATCAA: 1500ft – FL 400
- New CAX Corridor MOA/ATCAA:
  - CAX LOW 1500ft – 8000ft
  - CAX HIGH FL180 – FL400
- New Turtle MOA/ATCAA
- New Turtle A MOA/ATCAA: 11,000ft – FL 220
- New Turtle B MOA/ATCAA: FL 220 – FL 400
- New Turtle C MOA/ATCAA: 1500ft – 11,000ft
Local Outreach to Land and Airspace Stakeholders

- Within 100 miles of MCAGCC
- East to Arizona
- North to Nevada
- West to Edwards AFB
- South to NAS El Centro area
- Southeast to MCAS Yuma
- Southwest to San Diego and Riverside area
Outreach Approach

• **Stakeholder Engagement**
  – Regional airports
  – General Aviation groups/associations

• **Communication** with airport authorities

• **SUA briefings** to General Aviation groups/associations
  – Experimental Aircraft Association (EAA)
  – Aircraft Owners and Pilots Association (AOPA)
  – National Business Aviation Association (NBAA)
  – Mid-air Collision Workshops (Host)

• **Social media/Website/App**

• **Product distribution**

• **Stakeholder e-mail Blast**
Temporary Special Use Airspace Outreach

LSE-17

- Email Blast Recipients – 37,000+
- Products Published and Distributed – 10,000+
  - NOTAM Poster
  - Quick Pilot Reference Card
  - SUA Brochure
  - SUA Flyer
- Briefs – 28
- Visits – 50 +
- Conferences – 2
- Articles Published – 2

Unprecedented TSUA Establishment and Charting over MCAGCC
Questions / Discussion