



**Marine Air Ground Task Force Training Command (MAGTFTC)  
Marine Corps Air Ground Combat Center (MCAGCC)  
Twentynine Palms, CA**

**Land Acquisition/Airspace Establishment in Support of  
Training**



The Project Update Notices provide new information to augment public documents available on MCAGCC's Military Airspace webpage.

**Project Update Notice #25, September 18, 2018**

➤ **Marine Corps Seeks Special Use Airspace (SUA) to Support scalable Marine Air Ground Task Force (MAGTF) Training in Newly Acquired Training Lands Aboard MCAGCC**

- The Marine Corps met with the Federal Aviation Administration (FAA), as well as national, regional and local airspace stakeholders, throughout the development of its original SUA submission to the FAA in 2014. The 2014 SUA proposal was developed and modified throughout the preparation of the 2012 Final Environmental Impact Statement, which studied the impacts of providing sufficient training land and airspace to meet the Marine Corps' MEB combined-arms, live-fire and maneuver training requirements. It was developed to provide scalable MAGTF level training while mitigating impacts to other users of the National Airspace System (NAS).
- On August 23, 2018 the Marine Corps submitted a proposal to the FAA for **Permanent** SUA to support scalable MAGTF level combined arms training and exercises planned for existing and newly acquired training lands at MCAGCC.
- The process of gaining permanent joint-use SUA can take several years to complete. In the interim, temporary solutions are necessary to continue limited yet valuable training for the Marines. On August 24, 2018 the FAA **established** a *Controlled Firing Area (CFA)* over the Combat Center to support smaller-scale military training requirements without impacting civilian aviation. Additionally, a **Temporary** SUA proposal was submitted to the FAA in August 2018 to support Large Scale Exercises (LSEs) in 2019 and 2020.

➤ **Controlled Firing Area (CFA) Established Over Exclusive Military Use Area**

- The FAA established CFA over the Exclusive Military Use Area in Johnson Valley to support smaller scale training objectives. The CFA is effective from August 24, 2018 through August 23, 2020
- The CFA will be activated only during the times needed to support specific training, only to the altitude necessary to contain each day's activities, and will be deactivated immediately upon completion of training each day.
- A CFA is a type of SUA. Hazardous activities are suspended immediately when a non-participating aircraft approaches the CFA. CFAs are not depicted on aeronautical charts and are not required to be posted to NOTAMs because MCAGCC Range Control is responsible for terminating activities when required to prevent endangering non-participating aircraft.
- The CFA allows for:
  - Altitude - surface to 16,000' MSL
  - Training supported by the CFA will include small arms to include pistols, rifles and machine guns (up to .50 cal), flares, smoke, hand grenades, demolitions, mortars (60mm, 81mm, 84mm, 120mm), 155mm Howitzers, all classes of lasers, mines, mine clearing line charges, tanks, UAS, and fixed and rotary wing flight operations.

**For Further Information, Please Contact**  
29Palms Training Land/Airspace Acquisition Project  
(web) <http://www.29palms.marines.mil/airspace>  
(e-mail) [SMBPLMSJOHNSONVALLEY@usmc.mil](mailto:SMBPLMSJOHNSONVALLEY@usmc.mil) – (phone) 760-830-3737  
(mail) MAGTFTC, MCAGCC, Bldg. 1417, Box 788105, Twentynine Palms, CA 92278-8105

## Established Controlled Firing Area



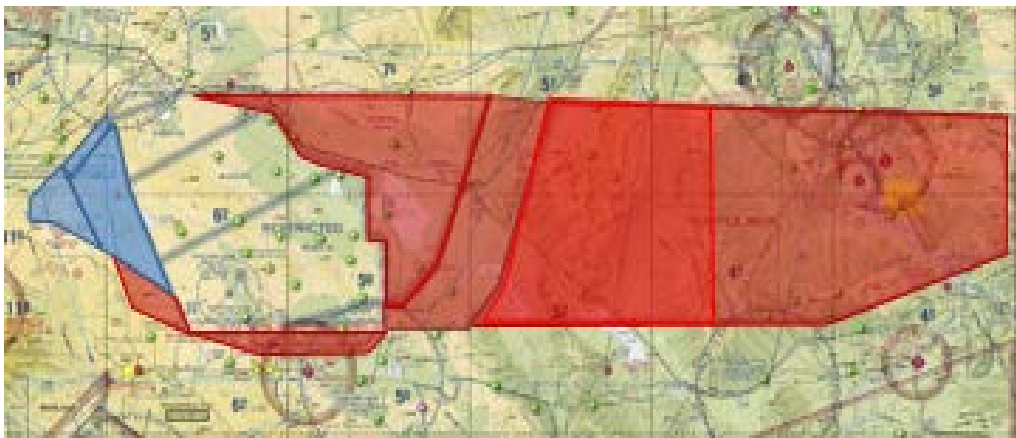
### Key Points of CFA

- Johnson Valley Exclusive Military Use Area
- 365 Days per year
- SFC – 16K' MSL
- CFA East/CFA West
- Activated/De-Activated as Needed

## ➤ Marine Corps Temporary SUA Proposal for 2019/2020

- Following the original *Temporary SUA* submission in October 2015, the Marine Corps and the FAA met and exchanged counter proposals based on lessons learned to support required LSE-17 training, and then again for LSE-19 and LSE-20. Over the years the Marine Corps has modified its *Temporary SUA* proposals to address FAA concerns.
- The *Temporary SUA* does not fulfill all LSE-19/20 training requirements – and falls short of the scalable MAGTF training requirements, but enables the Marine Corps to undertake meaningful large-scale, combined arms and maneuver training in the new training lands provided by Congress in the safest and most efficient manner for all users of the NAS.

## Proposed Temporary SUA



### Key Points of Temporary SUA

- Supports LSE 19/20 live-fire and combined arms training
- Leverages LSE-17 TSUA and FAA ROD

<b>Airspace for LSE-19/20</b>	<b>Altitudes</b>
<i>Temporary R-2509E</i>	SFC – FL220*
<i>Temporary R-2509W</i>	SFC – 8K' MSL
<i>Temporary R-2509N</i>	SFC – 16K' MSL
<i>Temporary JV MOA/ATCAA</i>	3K' AGL – FL220**
Sundance (including <i>Temporary Sundance High</i> ) MOA/ATCAA	500' AGL – FL220
<i>Temporary Sundance West</i> MOA/ATCAA	500' AGL – FL220
Bristol (including <i>Temporary Bristol Low</i> MOA and <i>Temporary Bristol High</i> ATCAA) MOA/ATCAA	2K' AGL – FL270
<i>Temporary CAX Low</i> MOA/ATCAA	2K' AGL – 8K' MSL/FL180 – FL210
<i>Temporary Turtle Low</i> MOA	2K' AGL – 11K' MSL

\* On two days for four hours each day *Temporary R-2509E* will be activated up to FL400.

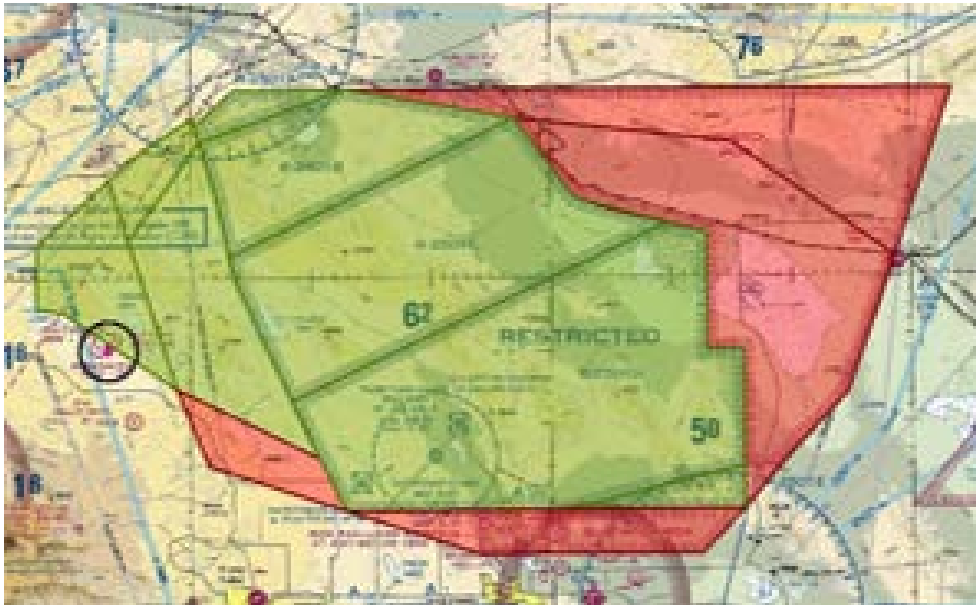
\*\* On two days for four hours each day *Temporary JV ATCAA* will be activated up to FL400.

### ➤ **Sufficient Permanent SUA is Required to Fulfill scalable MAGTF Training Requirements**

- The Marine Corps permanent proposal was developed through years of collaboration with the FAA and stakeholders. The proposal seeks to acquire sufficient airspace to conduct required training and large-scale exercises.
- Marines must train as they fight. Realistic combined-arms, live-fire and maneuver training is critical to achieving mission success – and such training can only be achieved with sufficient SUA to utilize and coordinate aircraft, airborne and ground fires, and the operations to support these activities in the manner they would be undertaken in the combat theater
- Scalable MAGTF training is critical to the Marine Corps' ability to train its Marines and sailors to best succeed in fulfilling their duties as the Nation's contingency force in readiness; the *Temporary* SUA for LSE-19/20 will only support these specific exercises and does not permit the Marine Corps to meet all unit training and scalable MAGTF exercise requirements.
- Throughout the process, the Marine Corps will continue to manage established MCAGCC SUA, only activating the airspace when required for training and returning it to the NAS for joint use at all other times. The Marine Corps will continue to be a good neighbor in the Southern California airspace region.

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 (mail) MAGTFTC, MCAGCC, Bldg. 1417, Box 788105, Twentynine Palms, CA 92278-8105

## Proposed Permanent SUA



### Key Points of Permanent SUA

- Contains request for new RA and new/modified MOAs, ATCAAs
- 365 Days per year
- Supports regular training, scalable MAGTF training, and LSEs

Permanent Airspace	Altitudes
R-2509E	SFC – FL400
R-2509W	SFC – 10K' MSL
R-2509N	SFC – 16K' MSL*
JV MOA/ATCAA	1,500' AGL – FL400
Sundance MOA/ATCAA	500' AGL – FL220**
Bristol MOA	1,500' AGL – up to but not including FL180
Bristol North ATCAA	FL180 – FL230
Bristol South ATCAA	FL180 – FL270

\* Excluding that airspace within a 2 nm radius of lat. 34°25'03"N., long. 116°36'52"W. which will be surface to 1,500 feet AGL.

\*\* Excluding a 1 nm radius of the Dale Sky ranch Airport surface to 1,500 feet AGL and a 1 nm corridor, extending from the center of the airport on a straight line south to the edge of the MOA.

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