



**29Palms Training Land Acquisition and
Airspace Establishment Project
Temporary Special Use Airspace Proposal
October 2015**



To meet the Marine Expeditionary Brigade (MEB) sustained, combined-arms, live-fire and maneuver training exercise (MEBEX) requirement, sufficient training land and Special Use Airspace (SUA) are required within which to contain these training operations in support of public safety. Advanced weapons systems provide military forces with greater capabilities for detecting and countering enemy threats at greater distances. This has added to requirements to expand range and airspace areas, where necessary and feasible, to enable Marines to train in an environment more representative of realistic combat conditions. In December of 2013, Congress passed and the President signed the National Defense Authorization Act (NDAA) of 2014, authorizing the withdrawal of approximately 151,000 acres of federal land contiguous to the western boundary of the Marine Corps Air Ground Combat Center (MCAGCC) training range complex to accommodate MEB training requirements.

The Marine Corps is currently working with the Federal Aviation Administration (FAA) to acquire permanent, additional joint-use SUA above these new lands at MCAGCC and contiguous to other SUA to meet the MEBEX training requirement which would be used for up to two one-month periods each year. "Joint-use" SUA is a concept in which SUA is released back to FAA Los Angeles Air Route Traffic Control Center (ARTCC) and becomes available for access by nonparticipating aircraft during periods when the airspace is not needed for training by MCAGCC.

The process to complete acquisition of this permanent SUA could take several years to complete; therefore, the Marine Corps is pursuing temporary measures to accommodate a MEB-level exercise in August 2016. This Temporary SUA is SUA designed to support a specific event. It is used to accommodate temporary military requirements for additional airspace to supplement routine training and/or test activities. All flight restrictions and requirements associated with permanent SUA types (i.e. Restricted Area (RA)/Military Operations Area (MOA)) apply to Temporary SUA, including the "joint-use" concept. Once the specific training event is complete the airspace returns to its previous designation and uses in the National Airspace System (NAS).

The USMC would utilize the airspace identified in the Temporary SUA proposal for no more than 19 days during August 2016. The active Temporary SUA dimensions, including the maximum altitude requirement, would vary depending upon which systems, activities and/or events have been scheduled to take place at a particular time. Moreover, to minimize impacts to other users only eight of the nineteen days would utilize Temporary SUA above 18,000 feet Mean Sea Level (MSL). The proposed Temporary RA is contiguous to the northwestern boundary of R-2501 and directly over the NDAA lands recently added to the MCAGCC training range complex. Additionally, the Temporary SUA proposal creates, expands or modifies existing MOAs contiguous to the southwestern, southern and

For Further Information Please Contact

29Palms Training Land/Airspace Acquisition Project

(web) <http://www.29palms.marines.mil/Staff/G4InstallationsandLogistics/LandAcquisition.aspx>

(e-mail) SMBPLMSCOMBATCENTERPAO@usmc.mil – (phone) 760-830-3737

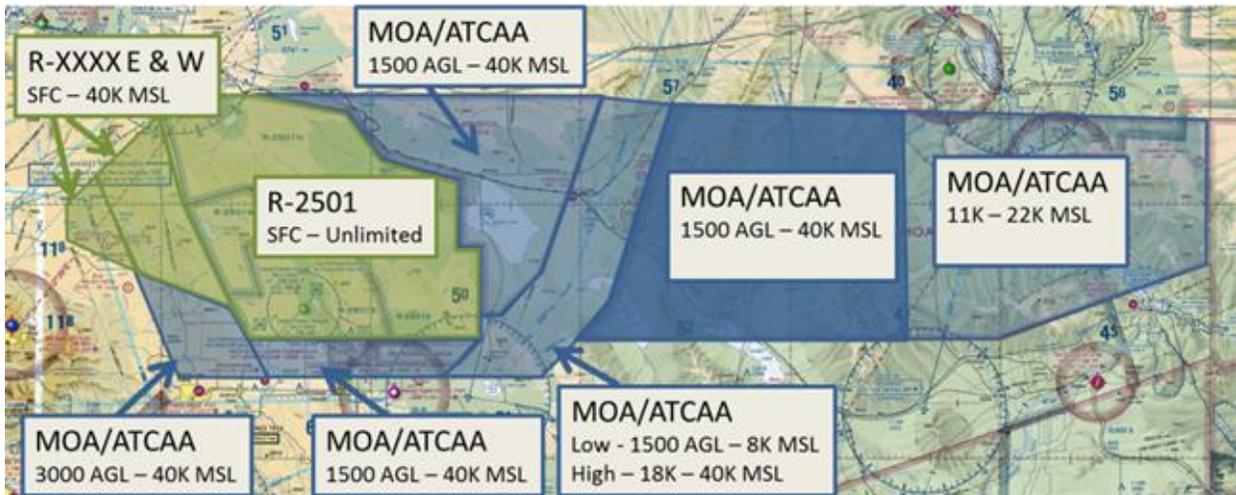
(mail) MAGTFTC, MCAGCC, Bldg. 1417, Box 788105, Twentynine Palms, CA 92278-8105



**29Palms Training Land Acquisition and
Airspace Establishment Project
Temporary Special Use Airspace Proposal
October 2015**



eastern boundaries of the MCAGCC training range. The graphic below highlights the proposed Temporary SUA dimensions.



Key details of the Temporary SUA proposal are:

- The proposed altitudes for the new Temporary RA (R-XXXX E & W in the figure above) are Surface to 40,000' MSL. The proposed utilization of Temporary RA airspace above 18,000' MSL is confined to only 8 days.
- The proposed altitude for the new Temporary MOA to the Southwest is from 3000' Above Ground Level (AGL) to 40,000' MSL. The proposed utilization of this Temporary MOA airspace above 18,000' MSL is confined to only 6 days.
- The proposed altitude for the expanded Temporary MOA to the South is from 1500' AGL to 40,000' MSL. The proposed utilization of this Temporary MOA airspace above 18,000' MSL is confined to only 6 days.
- The proposed altitude for the expanded Temporary MOA to the Northeast is from 1500 feet AGL to 40,000' MSL (currently 5,000' to 22,000' MSL). The proposed utilization of this Temporary MOA airspace above 18,000' MSL and below 5,000' MSL is confined to only 6 days.
- The proposed altitude for the new Temporary MOA to the Southeast is from 1500' AGL to 8,000' MSL and from 18,000' MSL to 40,000' MSL. The proposed utilization of this Temporary MOA airspace above 18,000' MSL and between 1500' AGL to 8,000' MSL is confined to only 5 days.
- The proposed altitude for the expanded Temporary MOA furthest to the East is from 1500 feet AGL to FL 400 (normally 11,000' to 22,000' MSL). The proposed utilization of this Temporary MOA airspace above 18,000' and below 11,000' MSL is confined to only 5 days.

For Further Information Please Contact

29Palms Training Land/Airspace Acquisition Project

(web) <http://www.29palms.marines.mil/Staff/G4InstallationsandLogistics/LandAcquisition.aspx>

(e-mail) SMBPLMSCOMBATCENTERPAO@usmc.mil – (phone) 760-830-3737

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



**29Palms Training Land Acquisition and
Airspace Establishment Project
Temporary Special Use Airspace Proposal
October 2015**



Temporary SUA is activated only in support of the planned military exercise and once it is complete, the airspace returns to its previous designation and uses in the National Airspace System (NAS). The Temporary SUA would be described and activated via Notice to Airmen (NOTAM) and may also be circularized and/or published in the same manner as Temporary Flight Restriction (TFR) notices.

Unlike Permanent Joint-Use SUA, Temporary SUA proposals are separately submitted and approved for each requested use. A new proposal would need to be submitted and approved on an annual basis to support any subsequent planned MEBEX training until such time as Permanent Joint-Use SUA would be established by the FAA. Detailed plans of activities within the airspace requested must be submitted approximately 270 days before the event to accommodate the FAA review process, and the Marine Corps has submitted those plans. Despite the increased number of proposals required with recurring military training events, Temporary Joint-Use SUA is a tremendous short-term supplement to meeting military training requirements until Permanent Joint-Use SUA can be established.

This Temporary SUA proposal is only to support the Large Scale Exercise (LSE) planned for the month of August 2016. During the remainder of the year, not to exceed 200 days, the airspace directly over the NDAA lands recently added to the MCAGCC training range complex would be under a planned Controlled Firing Area (CFA) which would not impact civilian or commercial aviation.

For Further Information Please Contact

29Palms Training Land/Airspace Acquisition Project

(web) <http://www.29palms.marines.mil/Staff/G4InstallationsandLogistics/LandAcquisition.aspx>

(e-mail) SMBPLMSCOMBATCENTERPAO@usmc.mil – (phone) 760-830-3737

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