



CURTIS E. LEMAY CENTER

FOR DOCTRINE DEVELOPMENT AND EDUCATION



ANNEX 3-14 SPACE OPERATIONS

614TH AIR AND SPACE OPERATIONS CENTER

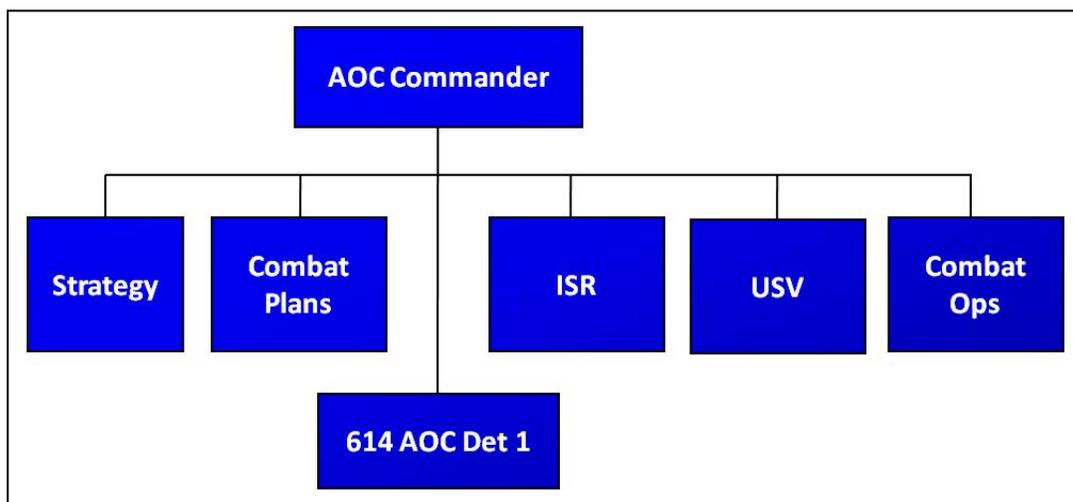
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Because 14 AF (AFSTRAT) provides the preponderance of forces and has the ability to command and control assigned and attached forces through the 614th Air and Space Operations Center (AOC), CDRUSSTRATCOM designated 14 AF/CC as CDR JFCC SPACE. As a result, the 14 AF's (AFSTRAT) operations center forms the core of the Joint Space Operations Center (JSpOC). This section describes the 614 AOC structure, composition, and procedures which, in turn, form the structure, composition, and procedures of the JSpOC.

The 614 AOC is a functional AOC that focuses on [global](#) and [theater](#) space operations. Organized along the structure of an AOC, the 614 AOC consists of five divisions (see figure titled 614 AOC/JSpOC Structure): strategy; combat plans; ISR; unified space vault (USV); and combat operations. There are also specialty teams, liaisons from other agencies and sister Service personnel to enable the 614 AOC to fulfill its responsibilities as the JSpOC. Collectively, they accomplish the main processes of strategy development, planning, tasking, collection management and intelligence analysis/production. The 614 AOC serves as the focal point for coordination and reachback support for regional [space](#) operations requirements.



614 AOC/JSpOC is located at Vandenberg AFB, CA



614 AOC/JSpOC Structure

Strategy Division. The strategy division develops recommended long-term and short-term strategies to achieve USSTRATCOM and theater objectives by developing, refining, disseminating, and assessing strategy. This is normally presented through the joint space operations plan (JSOP) and space operations directive (SOD), which is used to guide tasking order development. During crisis action planning, it is expanded or modified to meet the crisis situation. The strategy division is organized into three teams: strategy plans team; strategy guidance team; and operational assessment team.

Combat Plans Division. The combat plans division performs operational planning to develop execution orders for joint space operations. The combat plans division builds the master space plan (MSP) and publishes and disseminates the JSTO. This document applies specific space capabilities and assets to accomplish tasks in fulfillment of global USSTRATCOM and/or theater missions. The combat plans division is divided into four teams: MSP team; JSTO production team; human space flight support; and the joint overhead persistent infrared planning cell.

ISR Division. The ISR division (ISRD) is focused on providing the strategic, operational, tactical, and technical knowledge about adversary capabilities necessary to effectively plan US operations. Since knowledge of adversary capabilities, tactics, strengths, and weaknesses is necessary to optimally plan and execute both offensive and defensive operations, ISRD personnel support all 614 AOC/JSpOC divisions. ISRD activities include conducting the intelligence preparation of the operational environment (IPOE), reporting and generating requirements on adversary orders of battle, enemy courses of action (COA), identifying and tracking critical indicators of pending foreign activity, recognizing and predicting foreign patterns and behavior, developing ISR strategy and plans for JFCC SPACE ISR assets, and providing target system analysis and target nomination lists. The ISRD is divided into four teams: analysis, correlation, and fusion; targeting and combat assessment; ISR operations; and senior intelligence duty officer.

Unified Space Vault Division. The USV division is the focal point for operational employment, protection, and C2 of [space forces](#) in support of joint and national special programs through all levels of conflict. The division exploits space situational awareness to formulate strategy, conduct planning, and execute offensive and defensive space control operations on behalf of CDR JFCC SPACE. The USV division is comprised of three branches: national systems; directed energy; and space control.

Combat Operations Division. The combat operations division (COD) monitors execution of the current tasking order and publishes any required changes. The COD maintains [space situational awareness](#) (SSA) and provides a 24/7 reachback interface for theater AOCs. Timely coordination between the COD and each tasked wing operations center (WOC) is essential for effective tasking order execution. Wing commanders and their squadrons receive orders, directives, and other guidance from the 614 AOC/JSpOC through the WOC. The COD is divided into four branches: current operations; force enhancement; SSA operations; and defensive operations.

614 AOC Detachment 1. Detachment 1 of the 614 AOC is located in Dahlgren, VA and known as the Distributive Space Command and Control - Dahlgren (DSC2-D) Detachment. DSC2-D monitors execution of the current tasking order and publishes any required changes. The DSC2-D maintains space situational awareness and, when required, provides a 24/7 reachback interface for theater AOCs. DSC2-D provides the COD a backup command and control capability during those instances when the JSpOC is unable to perform those functions.
