



DoD DIRECTIVE 3100.10

SPACE POLICY

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Approved by:	Kathleen H. Hicks, Deputy Secretary of Defense

Purpose: This issuance establishes policy and assigns responsibilities for DoD space-related activities in accordance with the National Space Policy, the U.S. Space Priorities Framework, the National Defense Strategy, the Defense Space Strategy, and U.S. law, including Titles 10, 50, and 51, United States Code (U.S.C.).

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SECTION 1: GENERAL ISSUANCE INFORMATION

1.1. APPLICABILITY.

This issuance applies to OSD, the Military Departments, the Office of the Chairman of the Joint Chiefs of Staff (CJCS) and the Joint Staff, the Combatant Commands (CCMDs), the Office of Inspector General of the Department of Defense, the Defense Agencies, the DoD Field Activities, and all other organizational entities within the DoD (referred to collectively in this issuance as the “DoD Components”).

1.2. POLICY.

The DoD will:

- a. Recognize space as a priority domain of national military power that underpins multi-domain joint and combined military operations to advance national security.
- b. Strengthen the safety, security, stability, sustainability, and accessibility of the space domain.
- c. Preserve access to and freedom to operate in the space domain.
- d. Protect and defend the use of space for U.S. national security purposes, the U.S. economy, and allies and partners of the United States.
- e. Conduct operations in, from, and to space, and deliver advanced space capabilities to deter conflict and, if deterrence fails, to counter and defeat aggression.
- f. Promote long-term sustainability of the space environment; cooperate with like-minded international partners to establish, demonstrate, and uphold norms of safe and responsible behavior; and cooperate with other U.S. Government departments and agencies to act as a good steward of the domain.
- g. Enhance DoD and Intelligence Community (IC) partnership to increase unity of effort and the effectiveness of space operations and space-related activities.
- h. Strengthen space-related alliances and build new partnerships that provide a durable strategic advantage for the United States, and its allies and partners.
- i. Leverage and promote a thriving domestic civil and commercial space industry, including expanding and increasing emphasis on innovative and emerging commercial space capabilities.
- j. Transform the DoD space enterprise to adapt to rapid changes in the strategic environment by:

(1) Growing and maturing the U.S. Space Force (USSF) capacity and capability through organizing, training, and equipping organic and assigned space forces, pursuant to Title 10, U.S.C., DoD Directive (DoDD) 5100.01, and other applicable laws and policy. The USSF will provide forces to the United States Space Command (USSPACECOM) and to the other CCMDs as appropriate, to deliver combat and combat support capabilities necessary to enable prompt and sustained space operations, and to provide space support to joint operations in all domains.

(2) Enabling the USSPACECOM to conduct operations in, from, and to space to deliver space services to the joint and combined force and, with allies and partners of the United States, as appropriate, to defend U.S. vital interests, deter conflict, and, if necessary, defeat aggression. Commander, USSPACECOM carries out duties in accordance with Title 10, U.S.C.; the Unified Command Plan; and other applicable laws and policy.

(3) Enhancing and synchronizing the Department's space architecture planning, resourcing, requirements, and acquisition efforts into a streamlined, agile process for better integration and speed of delivery for new space capabilities, pursuant to DoDD 5000.01.

k. Expand defense collaboration and cooperation with allies and partners of the United States that are actively engaging in space security to leverage opportunities in policy, strategy, capabilities, information sharing, and operations, by:

(1) Integrating such allies and partners into plans, operations, training, exercises, engagements, and intelligence activities.

(2) Collaborating on the development of capabilities that defend against and counter the hostile use of space.

(3) Expanding sharing of space-related military national security information with such allies and partners.

(4) Enhancing cooperation with such allies and partners, in coordination with the Department of State (DOS), to develop best practices, standards, and norms of behavior for responsible space operations.

(5) Expanding space-related cooperative research, development, and acquisition with such allies and partners.

l. Enhance DoD mission assurance of space services to support sustained operations, and deter and defend against potential adversary attacks on U.S., allied, or partner interests, in accordance with DoDD 3020.40 and DoD Instruction 3020.45, and informed by Joint Publication 3-14, by:

(1) Developing defensive capabilities, resilient architectures, and options for capability reconstitution to reduce vulnerabilities and deny potential adversaries the benefits of attacking U.S., allied, and partner space systems.

(2) Requiring a specific level of mission assurance in all space capabilities and architectures based on the type of operation supported including being:

(a) Endurable, survivable, and continuously available through all phases of conflict and levels of hostility.

(b) Present through all phases and levels of conflict with possible quality and quantity limitations and temporary and localized outages, and capable of reconstitution on tactical timelines.

(c) Restorable based on rear echelon and homeland defense needs, or potentially lost during highest levels of conflict.

m. Develop and field capabilities that counter hostile uses of space and protect and defend U.S. and, as directed by the Secretary of Defense or other appropriate authority, allied, partner, and commercial space capabilities.

n. Improve intelligence, space domain awareness (SDA), and command and control capabilities, in partnership with the Director of National Intelligence (DNI), to detect, track, characterize, warn, attribute, and respond to space-related behaviors and activities that threaten the interests of the United States and its allies and partners, by:

(1) Developing improved tools for military space intelligence, expanding SDA capabilities, and enhancing means for detection and attribution of activities in space to support warning and potential response options.

(2) Enhancing the ability to detect, track, and characterize current and future threats to U.S. space missions to enable effective deterrence and defense.

(3) Developing, acquiring, and operating space systems and their associated networks that support U.S. national security and enable defense and military intelligence operations.

(4) Integrating operational command and control capabilities and activities that foster seamless execution and synchronization between the IC and the DoD to ensure the ability to protect and defend U.S. national security space assets.

o. Expand intelligence support, in coordination with the DNI, as appropriate, to space research, development, and acquisition to inform concept and capability development, including improved understanding of adversary current and projected capabilities and vulnerabilities.

p. Fulfill the Secretary of Defense's (SecDef's) responsibilities as the launch agent for both defense and intelligence space sectors by:

(1) Enhancing U.S. assured access to space by using, as appropriate, space launch vehicles manufactured in the United States to launch DoD and IC payloads in accordance with Sections 50131-50132 of Title 51, U.S.C.

(2) Developing U.S. launch systems and technologies, as appropriate, to ensure and sustain future rapid, reliable, responsive, and resilient space operations, including the ability to reinforce or reconstitute priority national security space capabilities in times of crisis and conflict.

(3) Providing affordable and timely access to space for national security purposes while using U.S. commercial space capabilities and services to the maximum extent practicable.

q. Develop military space expertise, doctrine, and operational concepts commensurate with growing space and counterspace threats by:

(1) Developing and growing space operational expertise across the joint force, including the Military Departments and Services, and in relevant Defense Agencies and DoD Field Activities.

(2) Implementing measures to recruit, employ, maintain, and retain qualified and skilled space professionals.

(3) Conducting focused professional development, robust space operational training programs, and multi-domain war games and exercises.

(4) Promoting and expanding DoD partnerships with U.S. Federal laboratories, academia, and the commercial space sector to facilitate the exchange of diverse ideas and to build capacity in space technical knowledge and skills.

r. Integrate space into national, joint, and combined operations by:

(1) Integrating military space operations, intelligence, capabilities, and personnel into military plans and staffs.

(2) Realigning military operational authorities and updating rules of engagement, as needed.

(3) Updating security classification and foreign disclosure policies for DoD space programs to correspond to the strategic environment, including the growing need for data sharing and combined operations with allies and partners of the United States.

(4) Integrating, as appropriate, allies and partners of the United States that are actively engaging in space security for defense and intelligence activities into DoD space-related activities.

s. Shape the strategic environment to enhance deterrence and stability in the space domain by:

(1) Deterring aggression and attacks in space by working with other U.S. Government departments and agencies to synchronize diplomatic, information, military, and economic strategies that discourage hostile actions or threatening behavior in space and using resilience, reconstitution, and other space mission assurance features that deny the benefits of such attacks.

(2) In coordination with the DOS, as appropriate, engaging with allies and partners of the United States to promote the responsible use of space to reduce the potential for mishaps, miscommunications, and misunderstandings.

(3) Supporting the monitoring, compliance, and verification of transparency and confidence-building measures, in coordination with DOS, as appropriate.

(4) Unless otherwise directed, conducting DoD space operations in a responsible manner in accordance with the July 7, 2021 SecDef memorandum by:

(a) Operating in, from, to, and through space with due regard to others and in a professional manner.

(b) Limiting the generation of long-lived debris.

(c) Avoiding creating harmful interference.

(d) Maintaining safe separation and safe trajectory.

(e) Communicating and making notifications to enhance the safety and stability of the domain.

(5) Informing intergovernmental, public, and international audiences, in accordance with U.S. Government strategic messaging guidance, of growing threats to U.S., allied, and partner activities in space, in particular those vital to U.S. security, scientific achievement, and economic prosperity.

(6) Coordinating strategic messaging for space activities across all key DoD Components and in cooperation with other U.S. Government departments and agencies, such as DOS and the ODNI, as appropriate.

t. Cooperate, as appropriate, on space-related matters with U.S. Government departments and agencies, including the:

(1) IC, particularly with respect to space-related intelligence support to SDA, resourcing, architectures, strategic messaging, sharing activities, space policy, and space capabilities to provide strategic, operational, and tactical intelligence and military advantage in space.

(2) DOS on promoting norms of behavior for responsible space activities that protect and advance U.S., allied, and partner interests in space. Additionally, participate with DOS in negotiations and implementation of technology safeguards agreements with allies and partners to enhance space cooperation activities.

(3) Department of Commerce and other relevant departments and agencies on the provision of space situational awareness information that supports:

(a) National security.

(b) Civil space activities.

(c) Commercial space activities.

(d) Allied and partner space operations.

(4) Department of Commerce, the Department of Energy, the National Aeronautics and Space Administration, and other relevant departments and agencies, on periodic reviews of the health and competitiveness of the U.S. space industrial base to ensure it can continue meeting the needs of national security space programs.

u. Increase collaboration with domestic and international commercial space industry, as appropriate, by:

(1) Using the commercial space industry's technological advancements and entrepreneurial innovation and investment to develop new and emerging capabilities at decreased costs.

(2) Developing a culture of innovation for space-related acquisition, including leveraging best commercial practices and electronic business solutions to reduce cycle time and cost and encourage teamwork.

(3) Promoting U.S. leadership in domestic space-related industries, including a robust U.S. supplier base that prioritizes U.S. interests and encourages availability of capabilities in support of critical DoD functions.

(4) Encouraging commercial space operators to:

(a) Share their spaceflight safety data (e.g., relevant plans, schedules, and information on operational status).

(b) Enter into agreements or arrangements to maintain and improve space object databases.

(c) Disseminate orbital information to enhance spaceflight safety.

SECTION 2: RESPONSIBILITIES

2.1. UNDER SECRETARY OF DEFENSE FOR POLICY (USD(P)).

The USD(P) carries out the space-related duties assigned in DoDD 5111.01. In addition to the duties in DoDD 5111.01, the USD(P) is responsible for:

- a. Leading DoD efforts to form and coordinate space-related national security and defense policy as well as to integrate and oversee space-related DoD policy and plans to achieve national security objectives.
- b. Representing DoD on space matters, unless otherwise directed, to the National Security Council, the National Space Council, the DOS, the ODNI, and other Federal departments, agencies, and interagency groups with responsibility for space-related national security policy.
- c. Establishing DoD policy on the defense relationship with foreign governments, their military establishments, and international organizations.
- d. Integrating and overseeing defense plans and programs undertaken with foreign governments, their military establishments, and international organizations.

2.2. ASSISTANT SECRETARY OF DEFENSE FOR SPACE POLICY (ASD(SP)).

Under the authority, direction, and control of the USD(P), the ASD(SP) serves as the lead DoD official for developing, coordinating, and monitoring implementation of overarching DoD policy related to space, pursuant to the October 29, 2020 Deputy SecDef memorandum. In addition to the duties in the October 29, 2020 Deputy SecDef memorandum, the ASD(SP) is responsible for:

- a. Providing overall supervision of DoD policy for space warfighting pursuant to Section 138(b)(5) of Title 10, U.S.C.
- b. Representing the SecDef and the USD(P) in interagency policy deliberations and international discussions and negotiations relating to space, including with the National Space Council.
- c. Participating in Planning, Programming, Budgeting, and Execution activities, including advising the SecDef, through the USD(P), on DoD program and budget priorities for space.
- d. Developing, coordinating, and overseeing implementation of DoD policy derived from, or developed consistent with, relevant national and DoD policy-related documents, including the National Space Policy, the U.S. Space Priorities Framework, the National Defense Strategy, and the Defense Space Strategy.
- e. Analyzing, developing, coordinating, and overseeing implementation of U.S Government and DoD policy and guidance for DoD activities in space.

f. Formulating DoD policy and guidance on:

(1) Space forces, systems, and their employment.

(2) Space-related international agreements and legal regimes, including those related to arms control and transparency and confidence-building measures.

(3) Integration of space capabilities and scenarios into operational and contingency plans.

(4) Space cooperation with foreign defense departments, ministries, and governments.

g. Reviewing, evaluating, and coordinating space-related DoD activities, programs, plans, and systems requirements, and providing recommendations on such activities to the SecDef and the USD(P).

h. Overseeing the implementation of DoD strategy and plans related to space forces, space systems, and space activities.

i. Leading the development of strategic messaging for DoD activities in space in close coordination with key OSD Principal Staff Assistants (PSAs) and heads of DoD Components, including Commander, USSPACECOM, the Chief of Space Operations, USSF, the Under Secretary of Defense for Intelligence and Security (USD(I&S)), and the Assistant to the Secretary of Defense for Public Affairs, and in cooperation with the DNI and the Secretary of State, as appropriate.

j. Performing other duties, the SecDef, the Deputy SecDef, or the USD(P) may prescribe, including leading DoD coordination on interagency commercial space regulatory activities, including licensing of commercial launch operations and private remote sensing systems.

k. Serving as a member of the Space Acquisition Council (SAC), established by Section 9021 of Title 10, U.S.C. As a member of the SAC, the ASD(SP) ensures proper DoD-wide coordination and implementation of space policy and strategy guidance in space requirements, programming, and acquisition processes.

2.3. DIRECTOR, DEFENSE TECHNOLOGY SECURITY ADMINISTRATION (DTSA).

Under the authority, direction, and control of the USD(P), the Director, DTSA, carries out space-related duties and responsibilities assigned in DoDD 5105.72. In addition to the duties in DoDD 5105.72, the Director, DTSA, is responsible for:

a. Formulating and implementing DoD policy and guidance on international export control-related agreements, including controls on transfers of space systems (e.g., satellites, spacecraft, space vehicles, and associated technologies) through multilateral export control regimes.

b. Assessing, coordinating, and implementing technology security policies on, and providing the DoD's recommendation for transfers of, space systems and associated technologies under

International Traffic in Arms Regulations and the Export Administration Regulations within Title 22, U.S.C. and Title 15, U.S.C.

c. Representing OSD at State-led bi-lateral negotiations on technology safeguard agreements, including those pertaining to space systems.

2.4. UNDER SECRETARY OF DEFENSE FOR ACQUISITION AND SUSTAINMENT (USD(A&S)).

The USD(A&S) carries out the space-related duties and responsibilities assigned in DoDD 5135.02. In addition to the duties in DoDD 5135.02, the USD(A&S) is responsible for:

a. Serving as the OSD focal point for DoD space acquisition programs in coordination with other OSD stakeholders. This includes:

(1) Providing oversight of architecture development.

(2) Engaging with Congress on DoD space acquisition programs.

(3) Coordinating with the other OSD PSAs whose duties and responsibilities include space acquisition matters, to improve the coherence and efficiency of DoD space acquisition programs.

b. Serving as the milestone decision authority (MDA) or co-MDA on all space programs for which the USD(A&S) retains authority in accordance with Section 4204 of Title 10, U.S.C., and in accordance with the memorandum of agreement between the DNI and the SecDef concerning the Management of Acquisition Programs Executed at the Department of Defense Intelligence Community Elements.

c. Serving as the co-Chair, along with the Vice CJCS, of the DoD Positioning, Navigation, and Timing (PNT) Oversight Council.

d. Ensuring compliance with Sections 2279(b) and (c) of Title 10, U.S.C. and with all related policies for acquisitions, subject to USD(A&S).

e. Incorporating DoD Chief Information Officer (DoD CIO) guidance for PNT and navigation warfare, in accordance with Executive Order 13905, into acquisition and sustainment programs that produce or use PNT information. When acting as MDA, determining and confirming navigation warfare compliance at each acquisition milestone for all platforms and systems producing or using PNT information.

f. Promoting a robust national space industrial base. Through interagency and intra-agency coordination, establishing policies and strategies to ensure robust, secure, and resilient industrial base capabilities and supply chains, in accordance with applicable authorities.

g. Ensuring consideration of foreign cooperative opportunities in the development and procurement of space systems and the feasibility of existing domestic and foreign-made space systems.

h. Coordinating with the USD(P) and the USD(I&S) to ensure security requirements (e.g., domestic and international personnel, information, operations, physical, and industrial) are incorporated into space-related acquisition and sustainment activities.

2.5. UNDER SECRETARY OF DEFENSE FOR RESEARCH AND ENGINEERING (USD(R&E)).

The USD(R&E) carries out the space-related duties and responsibilities assigned in DoDD 5137.02. In addition to the duties in DoDD 5137.02, the USD(R&E) is responsible for:

a. Serving as the OSD PSA for all space-related matters regarding:

- (1) DoD research and engineering (R&E) enterprise.
- (2) Defense R&E.
- (3) Technology development.
- (4) Technology transfer.
- (5) Developmental prototyping.
- (6) Experimentation and developmental testing activities and programs.
- (7) Unifying R&E efforts across DoD.

b. Serving as the Chief Technology Officer of DoD with the mission of advancing technology and innovation. Provides technical leadership and oversight, establishes strategic priorities, and issues guidance for all programs and activities pertaining to the USD(R&E).

c. Leading prototyping initiatives to advance space-related innovative and novel technology development, driving down technical and integration risk, and demonstrating new capabilities. Advises the USD(A&S) on prototypes that transition to and support acquisition pathways.

d. In coordination with the USD(P), the USD(I&S), and the USD(A&S), establishing DoD technology protection policies for space-related activities that maintain technological advantage and mitigate the exploitation of critical programs and technologies by adversaries.

2.6. USD(I&S).

The USD(I&S) carries out the space-related duties and responsibilities assigned in DoDD 5143.01. In addition to the duties in DoDD 5143.01, the USD(I&S) is responsible for:

- a. Serving as the OSD PSA for security and defense intelligence matters related to space policy and other space-related matters.
- b. Formulating and implementing intelligence and intelligence-related space policies and procedures that support national security objectives and policies.
- c. Coordinating intelligence and intelligence-related space matters with appropriate PSAs, capability portfolio managers, the ODNI, and others, as needed, to promote the integration of intelligence and intelligence-related space activities across DoD and the IC, as well as to facilitate the integration of DoD and the IC space capabilities, as appropriate.
- d. Participating in Planning, Programming, Budgeting, and Execution activities, including advising the SecDef on military intelligence program and budget priorities for intelligence-related space matters and battlespace awareness capabilities in accordance with DoDDs 5205.12 and 7045.20.
- e. Representing DoD on intelligence and intelligence-related space matters to the ODNI and other members of the IC.
- f. Coordinating with the USD(P) on national security and defense policy with intelligence and intelligence-related space matter equities, and the foreign disclosure and security of classified military national security information.
- g. Exercising authority, direction, and control over intelligence-related Defense Agencies on space activities, in consultation with the ODNI regarding National Intelligence.

2.7. DIRECTOR, DEFENSE INTELLIGENCE AGENCY (DIA).

Under the authority, direction, and control of the USD(I&S), the Director, DIA carries out the space-related duties and responsibilities assigned in DoDD 5105.21 and other applicable guidance.

2.8. DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA).

Under the authority, direction, and control of the USD(I&S), the Director, NGA, carries out the space-related duties and responsibilities assigned in DoDD 5105.60 and other applicable guidance and resulting from applicable agreements.

2.9. DIRECTOR, NATIONAL RECONNAISSANCE OFFICE (NRO).

Under the authority, direction, and control of the USD(I&S), and the oversight of the DNI, as set forth in DoDD 5105.23 and the Secretary of Defense-Director of National Intelligence (DNI) Memorandum of Agreement (MOA) of September 21, 2010 the Director, NRO, carries out the space-related duties and responsibilities assigned in DoDD 5105.23 and other applicable guidance including serving as the principal advisor on overhead reconnaissance.

2.10. DIRECTOR, NATIONAL SECURITY AGENCY/CENTRAL SECURITY SERVICE.

Under the authority, direction, and control of the USD(I&S), the Director, National Security Agency/Central Security Service carries out the space-related duties and responsibilities assigned in DoDD 5100.20 and other applicable guidance.

2.11. UNDER SECRETARY OF DEFENSE FOR PERSONNEL AND READINESS.

The Under Secretary of Defense for Personnel and Readiness oversees the readiness of space-related personnel; and, in coordination with the USD(P), establishes policy for the integration of space training and exercises of the Military Departments and CCMDs, in accordance with DoDD 1322.18.

2.12. DOD CIO.

The DoD CIO carries out the space-related duties and responsibilities assigned in DoDD 5144.02, in addition to leading the development and coordination of DoD policy, oversight, and guidance for the DoD Information Enterprise.

2.13. SECRETARIES OF THE MILITARY DEPARTMENTS.

The Secretaries of the Military Departments:

a. Formulate and implement Military Department-level space-related policies and programs that support national security objectives and policies established by the President, the SecDef, and this issuance.

b. Integrate space capabilities and applications into appropriate facets of their respective Military Department's:

- (1) Strategy.
- (2) Doctrine.
- (3) Education.
- (4) Training.
- (5) Exercises.
- (6) War games.
- (7) Experiments.
- (8) Operations.

c. Provide focus on space operations, including operating in a contested environment, in accordance with DoDD 5100.01.

2.14. SECRETARY OF THE AIR FORCE.

In addition to the responsibilities in Paragraph 2.13., the Secretary of Air Force:

a. Oversees the USSF as a Military Service within the Department of Air Force, pursuant to Section 9081 of Title 10, U.S.C.

b. Provides an Assistant Secretary of the Air Force for Space Acquisition and Integration who will, in addition to other responsibilities, lead the SAC that will oversee, direct, and manage the acquisition and integration of all Military Services' space systems and programs across the national security space enterprise.

c. Through the Chief of Space Operations, USSF, is responsible for:

(1) Organizing, training, and equipping organic and assigned space forces serving in the United States and overseas.

(2) Serving as the force design architect for space systems and programs of the Military Services and a member of the SAC.

(3) Integrating and synchronizing joint space training in coordination with the CCMDs and the Military Departments.

(4) Providing advocacy and proposing requirements for joint space training and education topics in the appropriate Military Department venues.

2.15. CJCS.

The CJCS:

a. Assists the President and the SecDef in providing strategic direction and guidance of the Military Services in accordance with Section 153 of Title 10, U.S.C.

b. As Global Integrator, reviews CCMD campaign and contingency plans and provides advice on global integration of space capabilities to the combatant commanders (CCDRs).

c. Advises the SecDef on allocation and transfer of space forces among all CCMDs to address trans-regional, all-domain, multifunctional threats.

d. Assesses joint military space capabilities to meet applicable requirements in the National Defense Strategy and the National Military Strategy by identifying, approving, and prioritizing gaps in such capabilities.

- e. Reviews and validates whether space capabilities proposed by the Military Services, the Defense Agencies, and other DoD entities satisfy a gap in joint military capabilities.
- f. Establishes and approves joint performance requirements that:
 - (1) Ensure interoperability, where appropriate, between and among joint military space capabilities, allies, and partners.
 - (2) Are necessary to fulfill space capability gaps of more than one Military Service, Defense Agency, or other DoD entity.
- g. Reviews performance requirements for any existing, or proposed, space capability that the CJCS determines as needed.
- h. Identifies new joint military space capabilities based on advances in technology and concepts of operation.
- i. In conjunction with Commander, USSPACECOM, and other CCDRs as required, coordinates space matters with appropriate PSAs, capability portfolio managers, and others, as needed, to promote integration of space activities across the DoD and to ensure consistency with DoD and national space policies.
- j. Incorporates relevant space policy guidance in the Joint Capabilities Integration and Development System.
- k. In coordination with the CCDRs and the Secretaries of the Military Departments, ensures space-related objectives are incorporated in joint force training.

2.16. CCDRS.

The CCDRs.

- a. Plan and implement space-related activities that support national security objectives and policies established by the President, in accordance with DoD policy.
- b. Ensure space-related activities are considered and integrated when performing functions assigned in the Unified Command Plan.
- c. Provide baseline space capability needs and prioritized CCDR space-based mission needs and effects, based on operational and contingency plans, to ensure effective advocacy for space forces.
- d. Plan for employment of space capabilities within their areas of responsibility and integrate space capabilities and applications into:
 - (1) Training.
 - (2) Exercises.

- (3) War games.
- (4) Experiments.
- (5) Contingency plans.
- (6) Operational plans.
- (7) Military operations.

e. Develop and exercise operational concepts as well as tactics, techniques, and procedures to continue operations and achieve assigned national security objectives in an environment in which space capabilities have been degraded or denied.

f. Plan for, and provide force protection for space forces assigned, deployed, and operating in their area of responsibility, in accordance with the Joint Strategic Campaign Plan.

2.17. COMMANDER, USSPACECOM.

In addition to the responsibilities in Paragraph 2.16., the Commander, USSPACECOM:

- a. Formulates, implements, and conducts space-related activities that support national security objectives and policies established by the President, in accordance with DoD policy.
- b. Executes space-related responsibilities as assigned in the Unified Command Plan.
- c. Works jointly with NRO for integrated defense and protection of U.S. military and intelligence space assets and capabilities. In crisis or conflict, the NRO will execute direction from Commander, USSPACECOM, to protect and defend U.S. space capabilities, based upon jointly developed space protect-and-defend tactics, techniques, and procedures.
- d. Synchronizes the posture of space forces and security cooperation activities with other CCMDs.
- e. Serves as the lead CCMD for strategic space messaging coordination.

GLOSSARY

ACRONYM	MEANING
ASD(SP)	Assistant Secretary of Defense for Space Policy
CCDR	Combatant Commander
CCMD	Combatant Command
CJCS	Chairman of the Joint Chiefs of Staff
DNI	Director of National Intelligence
DoD CIO	DoD Chief Information Officer
DoDD	DoD directive
DOS	Department of State
DTSA	Defense Technology Security Administration
IC	Intelligence Community
MDA	milestone decision authority
NGA	National Geospatial-Intelligence Agency
NRO	National Reconnaissance Office
PNT	positioning, navigation, and timing
PSA	principal staff assistant
R&E	research and engineering
SAC	Space Acquisition Council
SDA	space domain awareness
SecDef	Secretary of Defense
U.S.C.	United States Code
USD(A&S)	Under Secretary of Defense for Acquisition and Sustainment
USD(I&S)	Under Secretary of Defense for Intelligence and Security
USD(P)	Under Secretary of Defense for Policy
USD(R&E)	Under Secretary of Defense for Research and Engineering
USSF	U.S. Space Force
USSPACECOM	United States Space Command

REFERENCES

- Defense Space Strategy, June 2020
- Deputy Secretary of Defense Memorandum, “Establishment of the Assistant Secretary of Defense for Space Policy,” October 29, 2020
- DoD Directive 1322.18, “Military Training,” October 3, 2019
- DoD Directive 3020.40, “Mission Assurance (MA),” November 29, 2016, as amended
- DoD Directive 5000.01, “The Defense Acquisition System,” September 9, 2020
- DoD Directive 5100.01, “Functions of the Department of Defense and Its Major Components,” December 21, 2010, as amended
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