



DoD INSTRUCTION 4715.24

THE READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION (REPI) PROGRAM AND ENCROACHMENT MANAGEMENT

Originating Component:	Office of the Under Secretary of Defense for Acquisition and Sustainment
Effective:	November 9, 2016
Change 2 Effective:	March 27, 2019
Releasability:	Cleared for public release. Available on the Directives Division Website at https://www.esd.whs.mil/DD/ .
Approved by:	Frank Kendall, Under Secretary of Defense for Acquisition, Technology, and Logistics
Change 2 Approved by:	Ellen M. Lord, Under Secretary of Defense for Acquisition and Sustainment

Purpose: This issuance in accordance with the authority in DoD Directive (DoDD) 5134.01 and in accordance with DoDD 3200.15:

- Establishes policy, assigns responsibilities, and provides procedures for executing the REPI Program in coordination with other encroachment management tools and programs to protect military installations, ranges, and their associated facilities, range infrastructure, and airspace from incompatible development and other encroachment threats.
- Establishes and provides responsibilities for the REPI Inter-Service Working Group (ISWG) to coordinate and integrate REPI Program tools and strategies.

TABLE OF CONTENTS

SECTION 1: GENERAL ISSUANCE INFORMATION	3
1.1. Applicability.	3
1.2. Policy.	3
1.3. Information Collections.	4
1.4. Summary of Change 2.	4
SECTION 2: RESPONSIBILITIES	5
2.1. Assistant Secretary of Defense for Sustainment (ASD(S)).	5
2.2. USD(P&R), DOT&E, and DTRMC.	6
2.3. Secretaries of the Military Departments.	6
SECTION 3: PROCEDURES	8
3.1. General.	8
3.2. REPI ISWG.	9
3.3. REPI Encroachment Management Partnerships.	9
3.4. Partnership Data Tracking and Reporting.	10
3.5. Stakeholder Engagement and Communications.	11
3.6. Landscape-Level Engagement and Partnerships.	11
3.7. Off-Installation Conservation.	12
GLOSSARY	13
G.1. Acronyms.	13
G.2. Definitions.	13
REFERENCES	15

SECTION 1: GENERAL ISSUANCE INFORMATION

1.1. APPLICABILITY. This issuance:

a. Applies to:

(1) OSD, the Military Departments, the Office of the Chairman of the Joint Chiefs of Staff and the Joint Staff, the Combatant Commands, the Office of the 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”).

(2) Military installations, including State-owned National Guard installations; ranges, and their associated facilities; and airspace located within the United States, including the District of Columbia, the Commonwealth of Puerto Rico, the Commonwealth of the Northern Marianas, and the territories and possessions of the United States.

b. Does not apply to overseas military installations, ranges, and their associated facilities, and airspace.

1.2. POLICY. Through the REPI Program, the DoD will:

a. Develop and execute partnerships and strategies to maximize DoD’s flexibility to accomplish the readiness mission by preventing, mitigating, or eliminating the impacts of encroachment on research, development, test, and evaluation (RDT&E), training, and operations.

b. Promote long-term compatible land use and military installation resilience in the vicinity of, or ecologically related to, installations, ranges, and their associated facilities, range infrastructure, and airspace.

c. Fund, implement, and execute the REPI Program encroachment management partnerships focused on integrating available encroachment management tools and programs in a comprehensive, holistic strategy to protect military installations and ranges.

d. Track and record all projects executed pursuant to Section 2684a of Title 10, United States Code (U.S.C).

e. Advance DoD’s engagement at national, regional, State, and local levels with federal and non-federal agencies; State, regional, and local governments; tribes and Native Hawaiian Organizations; non-governmental organizations; and other stakeholders related to preventing, mitigating, or eliminating the impacts of encroachment to RDT&E, training, and operations.

f. Consider climate impacts, in accordance with DoDD 4715.21, and ecosystem services when planning and evaluating land, air, and water resource protection requirements within encroachment management partnerships.

g. Integrate DoD management and oversight of the DoD Noise Program in accordance with DoD Instruction (DoDI) 4715.13, the Air Installations Compatible Use Zones Program (including Range Air Installations Compatible Use Zones) in accordance with DoDI 4165.57, with the REPI Program Office's oversight of encroachment management partnerships.

1.3. INFORMATION COLLECTIONS. The REPI Partnership Data Collection, referred to in Paragraphs 2.1.k. and 3.4, has been assigned report control symbol DD-AT&L(A)2615 in accordance with the procedures in Volume 1 of DoD Manual 8910.01. The expiration date of this information collection is listed in the DoD Information Collections System at <https://apps.osd.mil/sites/DoDIIC/Pages/default.aspx>.

1.4. SUMMARY OF CHANGE 2. This change:

a. Provides clarifying language from Section 2684a of Title 10, United States Code to be inclusive of U.S. territories and address military installation resilience.

b. Updates language related to climate impacts in accordance with the current Administration.

c. Updates organizational symbols and references to reflect the reorganization of the Office of the Under Secretary of Defense for Acquisition, Technology, and Logistics, prescribed in the July 13, 2018 Deputy Secretary of Defense Memorandum.

d. Corrects other administrative concerns.

SECTION 2: RESPONSIBILITIES

- 2.1. ASSISTANT SECRETARY OF DEFENSE FOR SUSTAINMENT (ASD(S)).** Under the authority, direction, and control of the Under Secretary of Defense for Acquisition and Sustainment, the ASD(S):
- a. Develops DoD policy, guidance, and procedures for REPI Program encroachment management partnerships executed pursuant to Section 2684a of Title 10, U.S.C.
 - b. Oversees and coordinates the annual REPI encroachment management partnership proposal solicitation, review, and funding process.
 - c. Informs REPI Program requirements for the Future Years Defense Program.
 - d. Coordinates and integrates the REPI Program with other efforts to sustain access to and operational use of the DoD live training and test domain pursuant to DoDD 3200.15.
 - e. Develops and implements a comprehensive engagement strategy for encroachment management partnering through the REPI Program at the national, regional, State, tribal, and local levels in coordination with the Under Secretary of Defense for Personnel and Readiness (USD(P&R)), the Director of Operational Test and Evaluation (DOT&E), the Director, Test Resource Management Center (DTRMC), and the Secretaries of the Military Departments.
 - f. Integrates the REPI Program's tools and strategies for addressing off-installation conservation with DoD's natural and cultural resources programs, in accordance with DoDIs 4710.02, 4710.03, 4715.03, and 4715.16.
 - g. Incorporates considerations from DoD's mission compatibility evaluation process, in accordance with DoDI 4180.02, into REPI encroachment management partnerships.
 - h. Coordinates REPI encroachment management partnerships and strategies with the Office of Economic Adjustment's Community Planning Assistance to State and local governments to ensure compatible and consistent policies and outcomes with DoDI 3030.3.
 - i. Incorporates REPI Program encroachment mitigation and land protection requirements and performance metrics in the DoD Strategic Sustainability Performance Plan.
 - j. Designates a REPI Program Director to chair the REPI ISWG.
 - k. Designates and maintains the official DoD-wide REPI Program information system for tracking the status and execution of encroachment management partnerships undertaken pursuant to Section 2684a of Title 10, U.S.C. The ASD(S) submits the annual REPI Program report to Congress, as required by Section 2684a(g) of Title 10, U.S.C. and the biennial report to Congress, as required by Section 670c-1(b)(3) of Title 16, U.S.C.
 - l. Integrates REPI and encroachment management requirements for installation geospatial information and services (IGI&S) into IGI&S processes and standards pursuant to DoDI 8130.01.

2.2. USD(P&R), DOT&E, AND DTRMC. The USD(P&R), the DOT&E, and, under the authority, direction, and control of the Under Secretary of Defense for Acquisition and Sustainment, the DTRMC:

a. Coordinate with the ASD(S) on REPI Program efforts as needed to implement this issuance.

b. Pursuant to DoDD 3200.15, coordinate with and provide information to the REPI Program Director on:

(1) Current and future encroachment issues and their impacts.

(2) Priorities for impacts and mitigation strategies for protecting military missions developed in coordination with the Military Departments.

(3) Encroachment impact evaluations, mitigation strategies and successes, and stakeholder engagement strategies.

2.3. SECRETARIES OF THE MILITARY DEPARTMENTS. The Secretaries of the Military Departments:

a. Develop policy, guidance, and other programmatic planning and support consistent with this issuance for corresponding Military Service-specific REPI programs to address incompatible land use, military installation resilience, off-installation habitat conservation, climate impacts adaptation, and encroachment mitigation and management.

b. Develop and provide the encroachment mitigation and management requirements for actions pursuant to Section 2684a of Title 10, U.S.C. over the life of the Future Years Defense Program to the REPI Program Director.

c. Provide the REPI Program Director with information on the overlap of mission footprints and encroachment management partnership areas of interest and project parcels for purposes of planning, tracking, and measuring success.

d. Collect, maintain, and submit REPI encroachment management partnerships data pursuant to Section 2684a of Title 10, U.S.C., to the official DoD-wide REPI Program information system, as directed by the ASD(S).

e. Maintain relevant real property accountability in accordance with DoDI 4165.14 for acquired real estate interests, if applicable, for every transaction executed pursuant to Section 2684a of Title 10, U.S.C.

f. Provide input to the IGI&S Governance Group, pursuant to DoDI 8130.01, to establish standardized IGI&S data and processes that implement the responsibilities and the procedures in Paragraph 3.4. of this issuance, as well as for general planning and support to encroachment management partnerships.

g. Designate a representative to the REPI ISWG to coordinate the efforts of the REPI Program and the corresponding Military Service-specific REPI programs.

SECTION 3: PROCEDURES

3.1. GENERAL.

a. The REPI Program's support for encroachment management partnerships provides a framework that provides an appropriate and constructive level of management, oversight, and coordination over funding decisions and their implementation. This framework provides guidance for allocating funding to:

- (1) Military Service projects that meet the requirements and objectives of Section 2684a of Title 10, U.S.C.
- (2) Off-installation natural resources management pursuant to Section 670c-1 of Title 16, U.S.C.
- (3) Cultural resources protection pursuant to Section 2684 of Title 10, U.S.C.

b. The Military Services will develop integrated mission sustainment or encroachment management programs to meet their individual missions and tailor their existing Military Service-specific REPI program implementation as necessary to comply with this issuance and any additional REPI Program guidance from the ASD(S).

c. To determine the appropriate strategies for mitigating encroachment and sustaining the military mission using REPI Program tools, the Military Services must:

(1) Define and assess an installation's mission requirements, mission footprint, and attendant landscape.

(2) Assess how those mission requirements overlay the surrounding landscape.

(3) Evaluate the impact of encroachment and land use issues on those mission requirements.

(4) Analyze and incorporate appropriate encroachment management programs and tools into encroachment management plans and strategies based on Paragraphs 3.1.c.(1) through (3). The programs and tools that will inform and be integrated into the REPI encroachment management partnerships include, but are not limited to:

(a) Compatible use and Joint Land Use Studies.

(b) The Air Installations Compatible Use Zones, the Range Air Installations Compatible Use Zones, and Operational Noise Management Plans.

(c) Mission compatibility evaluations pursuant to Part 211 of Title 32, Code of Federal Regulations and tools indicating Risk of Adverse Impact on Military Operations and Readiness Areas.

- (d) On- and off-installation natural and cultural resources management.
- (e) Stakeholder outreach and engagement efforts.
- (f) Zoning and other land use controls and mission sustainability ordinances.

d. The REPI Program Director represents the Office of the ASD(S) and its encroachment mitigation and mission sustainment programs on the sustainable ranges integrated product teams and other efforts to sustain access to and operational use of the DoD live training and test domain pursuant to DoDD 3200.15.

3.2. REPI ISWG.

a. Membership. The REPI ISWG will be composed of:

- (1) The REPI Program Director, who is responsible for managing and implementing the REPI Program, is the chairperson for the REPI ISWG.
- (2) The designated action officer responsible for a Military Service's encroachment partnering program.

b. Function. The REPI ISWG will:

- (1) Serve as the staff-level coordinating body for issues related to agreements implemented pursuant to Section 2684a of Title 10, U.S.C. or off-installation natural resources management pursuant Section 670c-1 of Title 16, U.S.C., and for communication among and between the Military Services' program leads.
- (2) Support the REPI Program Director in developing and implementing policy, guidance, reporting, and communications for REPI Program efforts.
- (3) Integrate and coordinate REPI program efforts with other DoD efforts and policy for protecting the live training and test domain in accordance with DoDD 3200.15.

3.3. REPI ENCROACHMENT MANAGEMENT PARTNERSHIPS.

- a. The ASD(S) operates the REPI Program annual proposal process to provide DoD funding for encroachment management partnerships and will issue additional guidance and procedures for developing, evaluating, and funding proposals through the annual process.
- b. REPI Program encroachment management partnership projects must comply with Section 2684a of Title 10, U.S.C. or Section 670c-1 of Title 16, U.S.C. and meet REPI Program and Military Service-specific eligibility requirements to receive REPI Program funding. The ASD(S) determines proposal evaluative criteria and makes final eligibility decisions.
- c. Agreements to limit encroachment or other constraints to military RDT&E, training, and operations involve Military Service or OSD coordination with one or more eligible entities for

the purposes of specific actions in a geographic location. A cooperative agreement, encroachment protection agreement, or other real property interest transfer agreement with the eligible entity is the mechanism for implementing REPI Program funding for encroachment management partnerships.

d. REPI encroachment management partnership proposals must include:

(1) A clearly defined objective and end state for the extent and scope of land protection and supportive encroachment mitigation actions required to sustain the military mission.

(2) Comprehensive encroachment analyses, strategies integrating other encroachment management tools to protect mission capabilities, and defined geographic project areas.

(3) Reasonably defined timelines for execution.

(4) Measures of success for achieving a prescribed and definable mission benefit.

e. The Secretaries of the Military Departments will provide the ASD(S) with encroachment management funding obligation and execution information and documentation.

3.4. PARTNERSHIP DATA TRACKING AND REPORTING.

a. The Military Services will compile complete encroachment management partnership project data, including:

(1) Project name.

(2) Agreement name.

(3) REPI Program funding obligation amounts and dates.

(4) Military Service funding obligation amounts and dates.

(5) Parcel acres and closing date.

(6) REPI Program funding expenditure amount.

(7) Partner expenditure amount.

(8) Military Service expenditure amount.

(9) Geospatial features depicting encroachment agreement areas, priority areas, and land parcels, where the DoD Component or eligible entity plans to or takes an encroachment management action.

(10) Project metrics and quantitative information.

b. The Military Services must provide the data in Paragraph 3.4.a. to the ASD(S) by the date provided in the applicable annual guidance referenced in Paragraph 3.3.a., to ensure DoD has complete and accurate data for all transactions and executions in the preceding fiscal year for its annual REPI Program report to Congress.

c. In addition to the information required by Paragraph 3.4.a. and the requirements of Section 2684a(g) of Title 10, U.S.C., the annual REPI Program report to Congress will include information on overall REPI Program initiatives and successes mitigating encroachment.

3.5. STAKEHOLDER ENGAGEMENT AND COMMUNICATIONS.

a. The ASD(S) will coordinate with the USD(P&R), the DOT&E, the DTRMC, and established DoD steering committees, working groups, and subject matter experts as appropriate to develop DoD positions regarding encroachment mitigation matters as part of REPI Program stakeholder engagement efforts.

b. Stakeholder engagement efforts through the REPI Program will include:

(1) Raising awareness, providing expertise, and coordinating on mission sustainability issues and policy options, including enabling legislation and regulations that support access to and operational use of the DoD live training and test domain.

(2) Participating in large landscape and regional partnerships with governmental agencies, nonprofit organizations, and other stakeholders to focus cross-jurisdictional encroachment and mission sustainment issues on DoD priorities.

c. The ASD(S) will work with the Military Services to share pertinent information, news stories, and other items in coordination with appropriate public affairs staff. At the conclusion of a land acquisition or other encroachment management-related actions, the Military Services will, when practicable, work with their public affairs offices or their partners on possible press releases, news announcements, or similar information sharing media.

(1) The Military Services may seek assistance from the ASD(S) in working with public affairs offices or media outlets when producing press releases, sharing information, or responding to media inquiries.

(2) The ASD(S) will make available REPI Program information for the Military Services' use in outreach and public affairs matters.

3.6. LANDSCAPE-LEVEL ENGAGEMENT AND PARTNERSHIPS.

a. The REPI Program Director will lead efforts to leverage governmental agencies, nonprofit organizations, and other stakeholders through regional and landscape-scale partnerships to:

(1) Promote land use that is compatible with DoD's mission.

(2) Support regulatory solutions that increase DoD's flexibility to accomplish its mission.

(3) Address encroachment issues impacting DoD at a regional scale or unique to a particular landscape.

b. The Secretaries of the Military Departments will identify and define potential landscapes and facilitate actions that advance cross-jurisdictional partnerships and priorities within those landscapes.

c. The ASD(S) will coordinate with the USD(P&R), the DOT&E, the DTRMC, and the Secretaries of the Military Departments to ensure regional and landscape-level partnership activities advance the military's mission and priorities in the regions.

3.7. OFF-INSTALLATION CONSERVATION.

a. The REPI Program Director coordinates with the United States Fish and Wildlife Service and encourages the development of tools, policies, and strategies for off-installation conservation measures that may eliminate or relieve current or anticipated environmental restrictions or otherwise increase regulatory flexibility and predictability.

b. The Military Services, where applicable, will use REPI Program tools and strategies to find regulatory solutions related to species and habitat protection issues that incorporate off-installation conservation measures and incorporate such strategies into Integrated Natural Resources Management Plans. Such strategies and plans should incorporate and implement statutory tools, including Sections 2684a, 2694b, 2694c, and 2869 of Title 10, U.S.C. and Section 670c-1 of Title 16, U.S.C.

c. The REPI Program Director will coordinate with the DoD Natural Resources Program and the Military Services on off-installation conservation strategies and priorities through the sustainable ranges integrated product teams and other efforts to sustain access to and operational use of the DoD live training and test domain.

GLOSSARY

G.1. ACRONYMS.

ASD(S)	Assistant Secretary of Defense for Sustainment
DoDD	DoD Directive
DoDI	DoD Instruction
DOT&E	Director of Operational Test and Evaluation
DTRMC	Director, Test Resource Management Center
IGI&S	installation geospatial information and services
ISWG	Inter-Service Working Group
RDT&E	research, development, test, and evaluation
REPI	Readiness and Environmental Protection Integration
U.S.C.	United States Code
USD(P&R)	Under Secretary of Defense for Personnel and Readiness

G.2. DEFINITIONS. Unless otherwise noted, these terms and their definitions are for the purposes of this issuance.

area of interest. The total geographic area in which an installation and its partners are authorized to execute pursuant to a cooperative agreement, encroachment protection agreement, or other real property interest transfer agreement pursuant to Section 2684a of Title 10, U.S.C.

eligible entity. Defined in Section 2684a of Title 10, U.S.C.

encroachment. Defined in DoDD 3200.15.

geospatial feature. Defined in DoDI 4165.14.

installation. Defined in DoDI 4165.14. Term includes State-owned National Guard installations.

landscape. The geographic area that is part of the mission footprint, in which land, air, and water resources enable the military mission, directly and indirectly. The landscape includes lands that provide important natural resources or habitat to help prevent, mitigate, or remove impacts to the military mission from current or anticipated encroachment due to environmental regulatory requirements.

military installation resilience. Defined in Section 101(e)(8) of Title 10, U.S.C.

mission footprint. The installation or range complex plus the additional land, airspace, sea space, and electromagnetic spectrum required to support the installation's RDT&E, training, and operations.

obligation. Any act that legally binds the government to make payment. Obligations represent the amounts of orders placed, contracts awarded, and similar transactions during an accounting period that will require payment during the same, or a future, period.

parcel. An area of land consisting of a specific plot or plots of land that the Military Service or eligible entity acquires or protects and reports as a single transaction executed pursuant to Section 2684a of Title 10, U.S.C.

partner. A private or governmental entity that provides financial, technical real estate, legal, or other significant support to a Military Service in the pursuit or conduct of an encroachment management project or transaction. Examples of partners include federal agencies, State and local authorities, tribal and Native Hawaiian Organizations, national nonprofit conservation organizations, and local land trusts. Eligible entities under Section 2684a of Title 10, U.S.C. are a defined subset of partners.

project. A Military Service-defined portfolio of transactions and resource management actions, associated with a specific installation (including joint bases), targeted for encroachment management partnering pursuant to Section 2684a of Title 10, U.S.C. and Section 670c-1 of Title 16, U.S.C. A project may include multiple parcels, transactions, and natural resources management, and is defined by planned and executed acquisition activities within the given area and across funding years.

proposal. The document submitted by the Military Service for a given encroachment management partnership project that defines the need, relative value, and overall justification for REPI Program funds. A proposal is provided to the ASD(S) once each fiscal year cycle for each project for which REPI Program funding is sought.

range. Defined in Section 101(e)(1) of Title 10, U.S.C.

REFERENCES

- Code of Federal Regulations, Title 32, Part 211
- Deputy Secretary of Defense Memorandum, “Establishment of the Office of the Under Secretary of Defense for Research and Engineering and the Office of the Under Secretary of Defense for Acquisition and Sustainment,” July 13, 2018
- DoD Directive 3200.15, “Sustaining Access to the Live Training and Test Domain,” December 18, 2013
- DoD Directive 4715.21, “Climate Change Adaptation and Resilience,” January 14, 2016, as amended
- DoD Directive 5134.01, “Under Secretary of Defense for Acquisition, Technology, and Logistics (USD(AT&L)),” December 9, 2005, as amended
- DoD Instruction 3030.3, “Joint Land Use Study (JLUS) Program,” July 13, 2004, as amended
- DoD Instruction 4165.14, “Real Property Inventory (RPI) and Forecasting,” January 17, 2014, as amended
- DoD Instruction 4165.57, “Air Installations Compatible Use Zones (AICUZ),” May 2, 2011, as amended
- DoD Instruction 4180.02. “Implementation and Management of the DoD Mission Compatibility Evaluation Process,” March 31, 2016, as amended
- DoD Instruction 4710.02, “DoD Interactions with Federally Recognized Tribes,” September 24, 2018
- DoD Instruction 4710.03, “Consultation with Native Hawaiian Organizations (NHOs),” October 25, 2011, as amended
- DoD Instruction 4715.03, “Natural Resources Conservation Program,” March 18, 2011, as amended
- DoD Instruction 4715.13, “DoD Noise Program,” November 15, 2005, as amended
- DoD Instruction 4715.16, “Cultural Resources Management,” September 18, 2008, as amended
- DoD Instruction 8130.01, “Installation Geospatial Information and Services (IGI&S),” April 9, 2015, as amended
- DoD Manual 8910.01, Volume 1, “DoD Information Collections Manual: Procedures for DoD Internal Information Collections,” June 30, 2014, as amended
- United States Code, Title 10
- United States Code, Title 16