

Public Law 117–81  
117th Congress

An Act

To authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes.

Dec. 27, 2021  
[S. 1605]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,*

**SECTION 1. SHORT TITLE.**

This Act may be cited as the “National Defense Authorization Act for Fiscal Year 2022”.

National Defense  
Authorization  
Act for Fiscal  
Year 2022.

**SEC. 2. ORGANIZATION OF ACT INTO DIVISIONS; TABLE OF CONTENTS.**

(a) DIVISIONS.—This Act is organized into six divisions as follows:

- (1) Division A—Department of Defense Authorizations.
- (2) Division B—Military Construction Authorizations.
- (3) Division C—Department of Energy National Security Authorizations and Other Authorizations.
- (4) Division D—Funding Tables.
- (5) Division E—Department of State Authorization
- (6) Division F—Other Non-Department of Defense Matters.

(b) TABLE OF CONTENTS.—The table of contents for this Act is as follows:

- Sec. 1. Short title.
- Sec. 2. Organization of Act into divisions; table of contents.
- Sec. 3. Congressional defense committees.
- Sec. 4. Budgetary effects of this Act.
- Sec. 5. Explanatory statement.

DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

TITLE I—PROCUREMENT

Subtitle A—Authorization of Appropriations

Sec. 101. Authorization of appropriations.

Subtitle B—Army Programs

- Sec. 111. Modification of deployment by the Army of interim cruise missile defense capability.
- Sec. 112. Multiyear procurement authority for AH–64E Apache helicopters.
- Sec. 113. Multiyear procurement authority for UH–60M and HH–60M Black Hawk helicopters.
- Sec. 114. Continuation of Soldier Enhancement Program.
- Sec. 115. Limitation on availability of funds pending report on the Integrated Visual Augmentation System.
- Sec. 116. Strategy and authority for the procurement of components for the next generation squad weapon.

## Subtitle B—Program Authorizations, Restrictions, and Limitations

### SEC. 3111. PLUTONIUM PIT PRODUCTION CAPACITY.

(a) CERTIFICATIONS.—Section 4219 of the Atomic Energy Defense Act (50 U.S.C. 2538a) is amended by adding at the end the following new subsections:

“(d) CERTIFICATIONS ON PLUTONIUM ENTERPRISE.—

“(1) REQUIREMENT.—Not later than 30 days after the date on which a covered project achieves a critical decision milestone, the Assistant Secretary for Environmental Management and the Deputy Administrator for Defense Programs shall jointly certify to the congressional defense committees that the operations, infrastructure, and workforce of such project are adequate to carry out the delivery and disposal of planned waste shipments relating to the plutonium enterprise, as outlined in the critical decision memoranda of the Department of Energy with respect to such project.

Deadline.

“(2) FAILURE TO CERTIFY.—If the Assistant Secretary for Environmental Management and the Deputy Administrator for Defense Programs fail to make a certification under paragraph (1) by the date specified in such paragraph with respect to a covered project achieving a critical decision milestone, the Assistant Secretary and the Deputy Administrator shall jointly submit to the congressional defense committees, by not later than 30 days after such date, a plan to ensure that the operations, infrastructure, and workforce of such project will be adequate to carry out the delivery and disposal of planned waste shipments described in such paragraph.

Deadline.  
Plan.

“(e) REPORTS.—

“(1) REQUIREMENT.—Not later than March 1 of each year during the period beginning on the date on which the first covered project achieves critical decision 2 in the acquisition process and ending on the date on which the second project achieves critical decision 4 and begins operations, the Administrator for Nuclear Security shall submit to the congressional defense committees a report on the planned production goals of both covered projects during the first 10 years of the operation of the projects.

Time period.

“(2) ELEMENTS.—Each report under paragraph (1) shall include—

“(A) the number of war reserve plutonium pits planned to be produced during each year, including the associated warhead type;

“(B) a description of risks and challenges to meeting the performance baseline for the covered projects, as approved in critical decision 2 in the acquisition process;

“(C) options available to the Administrator to balance scope, costs, and production requirements at the projects to decrease overall risk to the plutonium enterprise and enduring plutonium pit requirements; and

“(D) an explanation of any changes to the production goals or requirements as compared to the report submitted during the previous year.

“(f) COVERED PROJECT DEFINED.—In this subsection, the term ‘covered project’ means—

“(1) the Savannah River Plutonium Processing Facility, Savannah River Site, Aiken, South Carolina (Project 21–D–511); or

“(2) the Plutonium Pit Production Project, Los Alamos National Laboratory, Los Alamos, New Mexico (Project 21–D–512).”.

Deadline.

(b) BRIEFING.—Not later than May 1, 2022, the Administrator for Nuclear Security and the Director for Cost Estimating and Program Evaluation shall jointly provide to the congressional defense committees a briefing on the ability of the National Nuclear Security Administration to carry out the plutonium enterprise of the Administration, including with respect to the adequacy of the program management staff of the Administration to execute covered projects (as defined in subsection (f) of section 4219 of the Atomic Energy Defense Act (50 U.S.C. 2538a), as amended by subsection (a)).

**SEC. 3112. IMPROVEMENTS TO COST ESTIMATES INFORMING ANALYSES OF ALTERNATIVES.**

(a) IN GENERAL.—Subtitle A of title XLVII of the Atomic Energy Defense Act (50 U.S.C. 2741 et seq.) is amended by adding at the end the following new section:

50 USC 2758.

**“SEC. 4718. IMPROVEMENTS TO COST ESTIMATES INFORMING ANALYSES OF ALTERNATIVES.**

“(a) REQUIREMENT FOR ANALYSES OF ALTERNATIVES.—The Administrator shall ensure that any cost estimate used in an analysis of alternatives for a project carried out using funds authorized by a DOE national security authorization is designed to fully satisfy the requirements outlined in the mission needs statement approved at critical decision 0 in the acquisition process, as set forth in Department of Energy Order 413.3B (relating to program management and project management for the acquisition of capital assets) or a successor order.

“(b) USE OF PROJECT ENGINEERING AND DESIGN FUNDS.—In the case of a project the total estimated cost of which exceeds \$500,000,000 and that has not reached critical decision 1 in the acquisition process, the Administrator may use funds authorized by a DOE national security authorization for project engineering and design to begin the development of a conceptual design to facilitate the development of a cost estimate for the project during the analysis of alternatives for the project if—

“(1) the Administrator—

“(A) determines that such use of funds would improve the quality of the cost estimate for the project; and

“(B) notifies the congressional defense committees of that determination; and

“(2) a period of 15 days has elapsed after the date on which such committees receive the notification.”.

(b) CLERICAL AMENDMENT.—The table of contents for the Atomic Energy Defense Act is amended by inserting after the item relating to section 4717 the following new item:

“Sec. 4718. Improvements to cost estimates informing analyses of alternatives.”.