

(b)¹ **HARDENING AND QUICK RECOVERY.**—In carrying out military installation resilience plans pursuant to section 2864 of this title, the Secretary of Defense shall ensure that the development by the Department of Defense of requirements for backup utilities, communications, and transportation to ensure that the critical infrastructure of Department facilities is hardened, developed, and constructed for quick recovery from natural disasters and the impacts of extreme weather.

(d)² **SUSTAINMENT AND MODERNIZATION.**—The Secretary shall develop sustainment and modernization requirements for facilities of the Department in connection with climate resilience.

(e) **COLLABORATION IN PLANNING WITH LOCAL COMMUNITIES.**—The Secretary shall develop, within existing frameworks for collaborative activities between military installations and State and local communities, and in addition to the requirements of section 2864(c) of this title, a framework that authorizes and directs installation commanders to engage with State, regional, and local agencies, and with local communities, on planning for climate resilience, to enhance efficient response to impacts of extreme weather and secure collaborative investment in infrastructure that is resilient to the current and projected impacts of extreme weather.

(f) **TESTING AND TRAINING RANGE LANDS.**—

(1) **PRACTICES FOR SUSTAINMENT OF LANDS.**—The Secretary shall develop and implement practices to sustain the lands of the military testing and training ranges of the Department, and the lands of testing and training ranges on State-owned National Guard installations, through the adaptation and resilience of such lands to the current and projected impacts of extreme weather to ensure the ongoing availability of such lands to military personnel, weapon systems, and equipment for testing and training purposes.

(2) **TRAINING AND EDUCATION ON SUSTAINMENT OF LANDS.**—The Secretary shall develop a program of training and education for members of the Armed Forces (including the reserve components) on the importance of the sustainment of the lands of the military testing and training ranges as described in paragraph (1).

(3) **INVESTMENT IN RESILIENCE OF LANDS.**—The Secretary shall use existing programs of the Department, including the Readiness and Environmental Protection Integration Program of the Department (or such successor program), to provide for investments determined appropriate by the Secretary in the lands of the military testing and training ranges, to increase the resilience and adaptation of such lands to the current and projected impacts of extreme weather for testing and training purposes in connection with current and projected testing and training requirements in the short- and long-term.

(b)³ **USE OF CERTAIN TECHNOLOGIES.**—The Secretary shall take appropriate actions to increase

the use of low emission, emission-free, and net-zero-emission energy technologies in the operations, programs, projects, and activities of the Department, provided the use is cost effective over the life-cycle of the investment.

(Added Pub. L. 117–81, div. A, title III, §332(a), Dec. 27, 2021, 135 Stat. 1637.)

[CHAPTER 137—REPEALED]

Statutory Notes and Related Subsidiaries

DEFINITIONS

For definition of “Chapter 137 legacy provisions” as used throughout part V of this subtitle, see section 3016 of this title.

[§ 2301. Repealed. Pub. L. 103–355, title I, § 1501(a), Oct. 13, 1994, 108 Stat. 3296]

Section, acts Aug. 10, 1956, ch. 1041, 70A Stat. 127; Dec. 1, 1981, Pub. L. 97–86, title IX, §909(a), 95 Stat. 1118; July 18, 1984, Pub. L. 98–369, div. B, title VII, §2721, 98 Stat. 1185; Oct. 18, 1986, Pub. L. 99–500, §101(c) [title X, §925(a)], 100 Stat. 1783–82, 1783–153, and Oct. 30, 1986, Pub. L. 99–591, §101(c) [title X, §925(a)], 100 Stat. 3341–82, 3341–153; Nov. 14, 1986, Pub. L. 99–661, div. A, title IX, formerly title IV, §925(a), 100 Stat. 3933, renumbered title IX, Apr. 21, 1987, Pub. L. 100–26, §3(5), 101 Stat. 273; Oct. 23, 1992, Pub. L. 102–484, div. A, title VIII, §808(a), 106 Stat. 2449, related to Congressional defense procurement policy.

Statutory Notes and Related Subsidiaries

EFFECTIVE DATE OF REPEAL

For effective date and applicability of repeal, see section 10001 of Pub. L. 103–355, set out as an Effective Date of 1994 Amendment note under section 8752 of this title.

[§ 2302. Repealed. Pub. L. 116–283, div. A, title XVIII, § 1806(d), Jan. 1, 2021, 134 Stat. 4155]

Section, act Aug. 10, 1956, ch. 1041, 70A Stat. 127; Pub. L. 85–568, title III, §301(b), July 29, 1958, 72 Stat. 432; Pub. L. 85–861, §1(43A), Sept. 2, 1958, 72 Stat. 1457; Pub. L. 96–513, title V, §511(74), Dec. 12, 1980, 94 Stat. 2926; Pub. L. 98–369, div. B, title VII, §2722(a), July 18, 1984, 98 Stat. 1186; Pub. L. 98–525, title XII, §1211, Oct. 19, 1984, 98 Stat. 2589; Pub. L. 98–577, title V, §504(b)(3), Oct. 30, 1984, 98 Stat. 3087; Pub. L. 99–661, div. A, title XIII, §1343(a)(13), Nov. 14, 1986, 100 Stat. 3993; Pub. L. 100–26, §7(k)(2), Apr. 21, 1987, 101 Stat. 284; Pub. L. 101–189, div. A, title VIII, §853(b)(1), Nov. 29, 1989, 103 Stat. 1518; Pub. L. 102–25, title VII, §701(d)(1), Apr. 6, 1991, 105 Stat. 113; Pub. L. 102–190, div. A, title VIII, §805, Dec. 5, 1991, 105 Stat. 1417; Pub. L. 103–355, title I, §1502, Oct. 13, 1994, 108 Stat. 3296; Pub. L. 104–106, div. D, title XLIII, §4321(b)(3), Feb. 10, 1996, 110 Stat. 672; Pub. L. 104–201, div. A, title VIII, §805(a)(1), 807(a), Sept. 23, 1996, 110 Stat. 2605, 2606; Pub. L. 105–85, div. A, title VIII, §803(b), Nov. 18, 1997, 111 Stat. 1832; Pub. L. 107–217, §3(b)(2), Aug. 21, 2002, 116 Stat. 1295; Pub. L. 107–296, title XVII, §1704(b)(1), Nov. 25, 2002, 116 Stat. 2314; Pub. L. 111–350, §5(b)(8), Jan. 4, 2011, 124 Stat. 3842; Pub. L. 111–383, div. A, title VIII, §866(g)(1), Jan. 7, 2011, 124 Stat. 4298; Pub. L. 113–291, div. A, title X, §1071(a)(2), Dec. 19, 2014, 128 Stat. 3504; Pub. L. 114–92, div. A, title VIII, §815(b), Nov. 25, 2015, 129 Stat. 896; Pub. L. 115–91, div. A, title II, §221, Dec. 12, 2017, 131 Stat. 1333; Pub. L. 115–232, div. A, title VIII, §836(c)(1), Aug. 13, 2018, 132 Stat. 1864; Pub. L. 116–283, div. A, title XVIII, §1806(a)(5), (6), (b)(2)–(6), (c)(2)(A), Jan. 1, 2021, 134 Stat. 4152–4154, provided definitions for the chapter.

¹ So in original. Another subsec. (b) is set out after subsec. (f).

² So in original. No subsec. (c) has been enacted.

³ So in original. Another subsec. (b) is set out after subsec. (a).

Statutory Notes and Related Subsidiaries**EFFECTIVE DATE OF REPEAL**

Repeal effective Jan. 1, 2022, with additional provisions for delayed implementation and applicability of existing law, see section 1801(d) of Pub. L. 116-283, set out as a note preceding section 3001 of this title.

[§ 2302a. Renumbered § 3571]**[§ 2302b. Renumbered § 3572]****[§ 2302c. Repealed. Pub. L. 114-328, div. A, title VIII, § 833(b)(5)(A)(i), Dec. 23, 2016, 130 Stat. 2285]**

Section, added Pub. L. 103-355, title IX, § 9002(a), Oct. 13, 1994, 108 Stat. 3402; amended Pub. L. 105-85, div. A, title VIII, § 850(f)(3)(A), Nov. 18, 1997, 111 Stat. 1850; Pub. L. 105-129, § 1(a)(1), Dec. 1, 1997, 111 Stat. 2551; Pub. L. 106-65, div. A, title X, § 1066(a)(18), Oct. 5, 1999, 113 Stat. 771; Pub. L. 107-107, div. A, title X, § 1048(b)(2), Dec. 28, 2001, 115 Stat. 1225; Pub. L. 109-364, div. A, title X, § 1071(a)(2), Oct. 17, 2006, 120 Stat. 2398; Pub. L. 111-350, § 5(b)(11), Jan. 4, 2011, 124 Stat. 3843, related to implementation of electronic commerce capability.

[§ 2302d. Repealed. Pub. L. 116-283, div. A, title XVIII, § 1881(a), Jan. 1, 2021, 134 Stat. 4293]

Section, added Pub. L. 104-201, div. A, title VIII, § 805(a)(2), Sept. 23, 1996, 110 Stat. 2605; amended Pub. L. 105-85, div. A, title X, § 1073(a)(41), Nov. 18, 1997, 111 Stat. 1902; Pub. L. 106-65, div. A, title X, § 1067(1), Oct. 5, 1999, 113 Stat. 774; Pub. L. 116-283, div. A, title XVIII, §§ 1806(c)(3), 1846(e)(1), Jan. 1, 2021, 134 Stat. 4155, 4249, related to definitional threshold amounts of a major system.

Statutory Notes and Related Subsidiaries**EFFECTIVE DATE OF REPEAL**

Repeal effective Jan. 1, 2022, with additional provisions for delayed implementation and applicability of existing law, see section 1801(d) of Pub. L. 116-283, set out as a note preceding section 3001 of this title.

[§ 2302e. Renumbered § 4004]**[§ 2303. Repealed. Pub. L. 116-283, div. A, title XVIII, § 1807(c)(4), Jan. 1, 2021, 134 Stat. 4157]**

Section, act Aug. 10, 1956, ch. 1041, 70A Stat. 128; Pub. L. 85-568, title III, § 301(b), July 29, 1958, 72 Stat. 432; Pub. L. 98-369, div. B, title VII, § 2722(b), July 18, 1984, 98 Stat. 1187; Pub. L. 116-283, div. A, title XVIII, § 1807(c)(2), (3), Jan. 1, 2021, 134 Stat. 4157, related to applicability of chapter. See, generally, sections 3063 and 3064 of this title.

Statutory Notes and Related Subsidiaries**EFFECTIVE DATE OF REPEAL**

Repeal effective Jan. 1, 2022, with additional provisions for delayed implementation and applicability of existing law, see section 1801(d) of Pub. L. 116-283, set out as a note preceding section 3001 of this title.

[§ 2303a. Repealed. Pub. L. 98-577, title III, § 302(c)(1), Oct. 30, 1984, 98 Stat. 3077]

Section, Pub. L. 98-525, title XII, § 1212(a), Oct. 19, 1984, 98 Stat. 2590, related to publication of proposed regulations.

Section, pursuant to section 1212(b) of Pub. L. 98-525, was to have taken effect with respect to procurement policies, regulations, procedures, or forms first proposed to be issued by an agency on or after the date which was 30 days after the date of enactment of Pub.

L. 98-525. Pub. L. 98-525 was approved Oct. 19, 1984. However, before that effective date, the section was repealed by Pub. L. 98-577.

[§ 2304. Repealed. Pub. L. 116-283, div. A, title XVIII, § 1881(a), Jan. 1, 2021, 134 Stat. 4293]

Section, act Aug. 10, 1956, ch. 1041, 70A Stat. 128; Pub. L. 85-800, § 8, Aug. 28, 1958, 72 Stat. 967; Pub. L. 85-861, § 33(a)(12), Sept. 2, 1958, 72 Stat. 1565; Pub. L. 87-653, § 1(a)-(c), Sept. 10, 1962, 76 Stat. 528; Pub. L. 90-268, § 5, Mar. 16, 1968, 82 Stat. 50; Pub. L. 90-500, title IV, § 405, Sept. 20, 1968, 82 Stat. 851; Pub. L. 93-356, § 4, July 25, 1974, 88 Stat. 390; Pub. L. 96-513, title V, § 511(76), Dec. 12, 1980, 94 Stat. 2926; Pub. L. 97-86, title IX, § 907(a), Dec. 1, 1981, 95 Stat. 1117; Pub. L. 97-295, § 1(24), Oct. 12, 1982, 96 Stat. 1290; Pub. L. 97-375, title I, § 114, Dec. 21, 1982, 96 Stat. 1821; Pub. L. 98-369, div. B, title VII, § 2723(a), 2727(b), July 18, 1984, 98 Stat. 1187, 1194; Pub. L. 98-577, title V, § 504(b)(1), (2), Oct. 30, 1984, 98 Stat. 3086; Pub. L. 99-145, title IX, § 961(a)(1), title XIII, § 1303(a)(13), Nov. 8, 1985, 99 Stat. 703, 739; Pub. L. 99-500, § 101(c) [title X, §§ 923(a)-(c), 927(a)], Oct. 18, 1986, 100 Stat. 1783-82, 1783-152, 1783-155, and Pub. L. 99-591, § 101(c) [title X, §§ 923(a)-(c), 927(a)], Oct. 30, 1986, 100 Stat. 3341-82, 3341-152, 3341-155; Pub. L. 99-661, div. A, title IX, formerly title IV, §§ 923(a)-(c), 927(a), title XIII, § 1343(a)(14), Nov. 14, 1986, 100 Stat. 3932, 3935, 3993, renumbered title IX, Pub. L. 100-26, § 3(5), Apr. 21, 1987, 101 Stat. 273; Pub. L. 100-26, § 7(d)(3), Apr. 21, 1987, 101 Stat. 281; Pub. L. 100-456, div. A, title VIII, § 803, Sept. 29, 1988, 102 Stat. 2008; Pub. L. 101-189, div. A, title VIII, §§ 812, 817, 818, 853(d), Nov. 29, 1989, 103 Stat. 1493, 1501, 1502, 1519; Pub. L. 101-510, div. A, title VIII, § 806(b), Nov. 5, 1990, 104 Stat. 1592; Pub. L. 102-25, title VII, § 701(d)(2), Apr. 6, 1991, 105 Stat. 114; Pub. L. 102-484, div. A, title VIII, § 801(h)(2), 816, title X, § 1052(23), Oct. 23, 1992, 106 Stat. 2445, 2454, 2500; Pub. L. 103-160, div. A, title IX, § 904(d)(1), Nov. 30, 1993, 107 Stat. 1728; Pub. L. 103-355, title I, §§ 1001-1003, 1004(b), 1005, title IV, § 4401(a), title VII, § 7203(a)(1), Oct. 13, 1994, 108 Stat. 3249, 3253, 3254, 3347, 3379; Pub. L. 104-106, div. D, title XLI, § 4101(a), 4102(a), title XLII, § 4202(a)(1), title XLIII, § 4321(b)(4), (5), Feb. 10, 1996, 110 Stat. 642, 643, 652, 672; Pub. L. 104-320, §§ 7(a)(1), 11(c)(1), Oct. 19, 1996, 110 Stat. 3871, 3873; Pub. L. 105-85, div. A, title VIII, §§ 841(b), 850(f)(3)(B), title X, § 1073(a)(42), (43), Nov. 18, 1997, 111 Stat. 1843, 1850, 1902; Pub. L. 107-107, div. A, title X, § 1048(b)(2), Dec. 28, 2001, 115 Stat. 1225; Pub. L. 107-217, § 3(b)(3), Aug. 21, 2002, 116 Stat. 1295; Pub. L. 108-375, div. A, title VIII, § 815, Oct. 28, 2004, 118 Stat. 2015; Pub. L. 109-364, div. A, title X, § 1071(a)(2), Oct. 17, 2006, 120 Stat. 2398; Pub. L. 110-181, div. A, title VIII, § 844(b), Jan. 28, 2008, 122 Stat. 239; Pub. L. 110-417, [div. A], title VIII, § 862(b), Oct. 14, 2008, 122 Stat. 4546; Pub. L. 111-350, § 5(b)(12), Jan. 4, 2011, 124 Stat. 3843; Pub. L. 115-91, div. A, title XVII, § 1709(b)(2), Dec. 12, 2017, 131 Stat. 1809; Pub. L. 115-232, div. A, title VIII, §§ 812(a)(2)(C)(v), 836(c)(2), Aug. 13, 2018, 132 Stat. 1847, 1864; Pub. L. 116-92, div. A, title IX, § 902(39), title XVII, § 1731(a)(37), Dec. 20, 2019, 133 Stat. 1547, 1814; Pub. L. 116-283, div. A, title XVIII, § 1811(c)(2)-(5), (d)(2)-(9), Jan. 1, 2021, 134 Stat. 4165-4170, related to competition requirements for contracts. See, generally, sections 3201, 3203, 3204, and 3205 of this title.

Statutory Notes and Related Subsidiaries**EFFECTIVE DATE OF REPEAL**

Repeal effective Jan. 1, 2022, with additional provisions for delayed implementation and applicability of existing law, see section 1801(d) of Pub. L. 116-283, set out as a note preceding section 3001 of this title.

[§ 2304a. Renumbered § 3403]**Editorial Notes****CODIFICATION**

Another section 2304a was renumbered section 3901 of this title.