

116TH CONGRESS  
1ST SESSION

# H. R. 2450

To establish a demonstration program at a military installation in the United States to evaluate the feasibility and benefits of using innovative technologies and systems to assist in the management of military installations, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

MAY 1, 2019

Mr. CARTER of Texas (for himself and Mr. VELA) introduced the following bill; which was referred to the Committee on Armed Services

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## A BILL

To establish a demonstration program at a military installation in the United States to evaluate the feasibility and benefits of using innovative technologies and systems to assist in the management of military installations, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Military Base Oper-  
5 ations and Infrastructure Innovative Management Act”.

1 **SEC. 2. DEMONSTRATION PROGRAM TO EVALUATE POTEN-**  
2 **TIAL OPERATIONAL EFFICIENCIES AND COST**  
3 **SAVINGS OF USING INNOVATIVE TECH-**  
4 **NOLOGIES ON MILITARY INSTALLATIONS.**

5 (a) DEMONSTRATION PROGRAM REQUIRED.—The  
6 Secretary of Defense shall establish a demonstration pro-  
7 gram at a military installation in the United States, se-  
8 lected as provided in subsection (c), to evaluate the feasi-  
9 bility and benefits of employing innovative technologies,  
10 systems, and sensors to assist in the management of mili-  
11 tary installations to enhance operations services, commu-  
12 nications, safety, energy use, traffic management, air  
13 quality, and related operational and community services.

14 (b) ELEMENTS OF DEMONSTRATION PROGRAM.—  
15 Under the demonstration program, the Secretary shall  
16 evaluate innovative technologies, systems, and sensors—

17 (1) to identify systems and service operations of  
18 a military installation that can be monitored and  
19 managed remotely using sensors or software;

20 (2) to promote the quality and performance of  
21 operations at a military installation by improved sys-  
22 tems and services performance to manage installa-  
23 tion safety and security vehicles, improve installation  
24 traffic flows, and establish maintenance schedules  
25 that maximize the expected life of an item and elimi-  
26 nate costly break-fix responses;

1           (3) to assist installation commanders and other  
2           installation managers in using technologies that are  
3           readily available to improve, enhance, and modernize  
4           methods and technologies to manage installations;  
5           and

6           (4) to develop a framework and model plan to  
7           expand the use of innovative technologies to other  
8           military installations that results in readiness oper-  
9           ational improvements and identifiable cost savings to  
10          the Department of Defense.

11          (c) MINIMUM CRITERIA FOR SELECTION OF MILI-  
12          TARY INSTALLATION.—In an effort to determine the ca-  
13          pacity and capability of using innovative technologies, sys-  
14          tems, and sensors at military installations, the Secretary  
15          of Defense shall select as the site of the demonstration  
16          program a military installation that—

17                (1) has a combined day-time, on-site population  
18                (including dependents and civilian personnel) of at  
19                least 65,000 persons;

20                (2) provides both ground training and expedi-  
21                tionary aviation training activities; and

22                (3) is located within 75 miles of a military com-  
23                mand headquarters focused on the use of advanced  
24                technology.

1 (d) COVERED SYSTEMS.—The military installation  
2 operations to be evaluated under the demonstration pro-  
3 gram shall include—

- 4 (1) emergency response;
- 5 (2) building energy use;
- 6 (3) traffic control;
- 7 (4) waste management;
- 8 (5) street lighting and other security lighting;
- 9 (6) air quality monitoring;
- 10 (7) perimeter security integrity and access con-  
11 trol;
- 12 (8) maintenance of family recreational facilities;
- 13 (9) aviation operations, including the scheduling  
14 of training operations consistent with weather mini-  
15 mums; and
- 16 (10) managing scheduled maintenance of instal-  
17 lation infrastructure and mechanical systems.

18 (e) EVALUATION CRITERIA.—The use of innovative  
19 technologies, systems, and sensors to manage military in-  
20 stallation operations described in subsection (d) shall be  
21 evaluated on the basis of their—

- 22 (1) operational benefits and efficiencies over  
23 current methods of management;
- 24 (2) cost savings;
- 25 (3) enhancement of safety;

- 1 (4) enhancement of service life;
- 2 (5) energy savings; and
- 3 (6) enhancements to training, readiness, and
- 4 morale.

5 (f) AUTHORIZATION OF APPROPRIATIONS.—There is  
6 authorized to be appropriated to the Secretary of Defense  
7 to carry out the demonstration program—

- 8 (1) \$15,000,000 for fiscal year 2020; and
- 9 (2) \$5,000,000 for fiscal year 2021.

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