

118TH CONGRESS
2D SESSION

S. 4758

To require the Secretary of Defense to carry out a pilot program on using artificial intelligence-enabled software to optimize the workflow and operations of depots, shipyards, and other manufacturing facilities run by the Department of Defense, and for other purposes.

IN THE SENATE OF THE UNITED STATES

JULY 24, 2024

Mr. ROUNDS introduced the following bill; which was read twice and referred to the Committee on Armed Services

A BILL

To require the Secretary of Defense to carry out a pilot program on using artificial intelligence-enabled software to optimize the workflow and operations of depots, shipyards, and other manufacturing facilities run by the Department of Defense, 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. DEPARTMENT OF DEFENSE PILOT PROGRAM**

4 **ON USE OF ARTIFICIAL INTELLIGENCE.**

5 (a) PILOT PROGRAM REQUIRED.—Not later than 60
6 days after the date of the enactment of this Act, the Sec-
7 retary of Defense shall commence carrying out a pilot pro-

1 gram to assess the feasibility and advisability of using ar-
2 tificial intelligence-enabled software to optimize the
3 workflow and operations for—

4 (1) depots, shipyards, or other manufacturing
5 facilities run by the Department of Defense; and

6 (2) contract administration for the Department,
7 including the adjudication and review of contracts
8 managed by the Defense Contract Management
9 Agency.

10 (b) SOFTWARE.—In carrying out the pilot program
11 required by subsection (a), the Secretary shall—

12 (1) use best in breed software platforms;

13 (2) consider industry best practices in the selec-
14 tion of software programs;

15 (3) be implemented based on human centered
16 design practices to best identify the business needs
17 for improvement; and

18 (4) demonstrate connection to enterprise plat-
19 forms of record with relevant data sources.

20 (c) MINIMUM EXPENDITURES.—In carrying out the
21 pilot program required by subsection (a), the Secretary
22 shall expend or obligate not less than \$35,000,000.

23 (d) CONSULTATION.—The Secretary shall carry out
24 the pilot program required by subsection (a)(1) in con-
25 sultation with the Under Secretary of Defense for Acquisi-

1 tion and Sustainment, the Secretary of the Army, Sec-
2 retary of the Navy, and Secretary of the Air Force.

3 (e) REPORT.—Not later than one year after the date
4 of the commencement of the pilot program pursuant to
5 subsection (a), the Secretary shall submit to the Com-
6 mittee on Armed Services of the Senate and the Com-
7 mittee on Armed Services of the House of Representatives
8 a report containing the following information:

9 (1) An evaluation of each software platform
10 used in the pilot program.

11 (2) An analysis of how workflows and oper-
12 ations were modified as part of the pilot program.

13 (3) A quantitative assessment of the impact the
14 software had at each of the locations in which the
15 pilot program was carried out.

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