

116TH CONGRESS
2D SESSION

H. R. 6928

To require the Consumer Product Safety Commission to conduct a study on three-dimensional printing, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

MAY 19, 2020

Mr. BURGESS introduced the following bill; which was referred to the Committee on Energy and Commerce, and in addition to the Committees on Science, Space, and Technology, and Foreign Affairs, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

A BILL

To require the Consumer Product Safety Commission to conduct a study on three-dimensional printing, 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 “Advancing 3D Printing
5 Act”.

6 **SEC. 2. THREE-DIMENSIONAL PRINTING STUDY.**

7 (a) IN GENERAL.—

1 (1) STUDY REQUIRED.—Not later than 2 years
2 after the date of the enactment of this Act, the Con-
3 sumer Product Safety Commission, in coordination
4 with the head of any other appropriate Federal
5 agency, shall conduct a study on the impact of
6 three-dimensional printing on United States busi-
7 nesses conducting interstate commerce.

8 (2) REQUIREMENTS FOR STUDY.—In con-
9 ducting the study, the Commission shall do the fol-
10 lowing:

11 (A) Conduct a survey of three-dimensional
12 printing through outreach to participating enti-
13 ties to—

14 (i) establish a list of the industry sec-
15 tors that develop and use three-dimen-
16 sional printing;

17 (ii) establish a list of public-private
18 partnerships focused on promoting the
19 adoption, and use of three-dimensional
20 printing;

21 (iii) provide a description of the ways
22 such industry sectors develop, use, or pro-
23 mote the use of three-dimensional printing;
24 and

1 (iv) provide a description of some of
2 the advantages or disadvantages three-di-
3 mensional printing may present.

4 (B) Conduct a survey of Federal activity
5 related to three-dimensional printing to—

6 (i) establish a comprehensive list of
7 Federal agencies asserting jurisdiction over
8 entities and industry sectors identified
9 under subparagraph (A)(i);

10 (ii) identify all interagency activities
11 related to three-dimensional printing;

12 (iii) develop a brief description of the
13 jurisdiction and expertise of the Federal
14 agencies as it relates to three-dimensional
15 printing; and

16 (iv) identify each Federal rule, regula-
17 tion, guideline, policy, and other Federal
18 activity implemented by each Federal agen-
19 cy related to three-dimensional printing.

20 (C) Conduct an international survey of
21 other countries to establish a compendium at
22 least 10 and not more than 15 countries con-
23 sisting of each country's national strategy on
24 three-dimensional printing to determine where

1 the United States ranks with respect to the
2 adoption of three-dimensional printing.

3 (D) Conduct a survey of the marketplace
4 and supply chain of three-dimensional printing
5 to—

6 (i) assess the severity of risks posed
7 to such marketplace and supply chain;

8 (ii) review the ability of foreign gov-
9 ernments or third parties to exploit such
10 supply chain in a manner that raises risks
11 to the economic and national security of
12 the United States; and

13 (iii) identify emerging risks and long-
14 term trends in such marketplace and sup-
15 ply chain.

16 (b) REPORT TO CONGRESS.—Not later than 6
17 months after the completion of the study required pursu-
18 ant to subsection (a), the Commission, in coordination
19 with the head of any other appropriate Federal agency,
20 shall submit to the Committee on Energy and Commerce
21 of the House of Representatives and the Committee on
22 Commerce, Science, and Transportation of the Senate a
23 report that contains—

24 (1) the results of the study conducted under
25 subsection (a); and

1 (2) recommendations to—

2 (A) address any duplicative Federal rule,
3 regulation, guideline, policy, and other Federal
4 activity acting as a barrier to the adoption of
5 three-dimensional printing;

6 (B) develop and implement a comprehen-
7 sive plan to promote the growth of the adoption
8 of three-dimensional printing;

9 (C) develop policies that States can adopt
10 to encourage the growth of three-dimensional
11 printing;

12 (D) develop a national strategy to advance
13 the position in the world of business sectors in
14 the United States on the adoption of three-di-
15 mensional printing;

16 (E) develop strategies to mitigate current
17 and emerging risks to the marketplace and sup-
18 ply chain of three-dimensional printing; and

19 (F) develop legislation to accomplish such
20 recommendations.

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