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## A BILL FOR AN ACT

RELATING TO FIREARMS CREATED BY DIGITAL MANUFACTURING  
TECHNOLOGY.

**BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:**

1           SECTION 1. We live in an era of technological change, and  
2 technology is beneficial when used responsibly. For instance,  
3 the process of digital manufacturing technology has been used  
4 very successfully in a variety of fields, such as the automotive  
5 industry. The collaboration between manufacturing engineers and  
6 designers creates a holistic view of product and process design,  
7 whereby automobiles are made more efficiently.

8           However, technology can sometimes go too far and be too  
9 innovative, as in the case of digitally manufactured firearms.  
10 The legislature finds that the laws of Hawaii do not address  
11 situations involving digital manufacturing technology when used  
12 to create firearms. This situation is a problem, because  
13 technology can now be used to manufacture firearms in the  
14 privacy of a person's home or office. As a result, it is a  
15 totally unregulated field. Because these firearms are made from  
16 plastic or powdered metals, they are inexpensive, bear no serial  
17 numbers or other markings to indicate their point of origin, and



1 are fully functional, thereby increasing the danger caused by  
2 firearms in our community.

3 The purpose of this Act is to protect the community from  
4 the unregulated manufacture of firearms by prohibiting:

- 5 (1) The use of unlicensed digital manufacturing technology  
6 to manufacture firearms; and  
7 (2) The possession or transfer of such firearms.

8 SECTION 2. Chapter 134, Hawaii Revised Statutes, is  
9 amended by adding a new section to be appropriately designated  
10 and to read as follows:

11 "§134- Use of digital manufacturing technology to  
12 manufacture firearms; prohibited. (a) No person shall  
13 knowingly or intentionally use digital manufacturing technology  
14 to create any firearm, or any piece or part thereof, unless such  
15 person possesses a license to manufacture firearms under 18  
16 United States Code section 923(a).

17 (b) No person shall knowingly or intentionally possess,  
18 sell, barter, trade, gift, transfer, or acquire any firearm  
19 manufactured through the use of digital manufacturing  
20 technology.

21 (c) Any person who violates subsections (a) or (b) shall  
22 be guilty of a class C felony.



1           (d) As used in this section, "digital manufacturing  
2 technology" means an integrated, computer-based system  
3 consisting of simulation, three-dimensional visualization,  
4 analytics, and various collaborative tools to create product and  
5 manufacturing process definitions simultaneously. This  
6 technology includes but is not limited to computer numerical  
7 control mills, three-dimensional printers, and laser cutting  
8 machines."

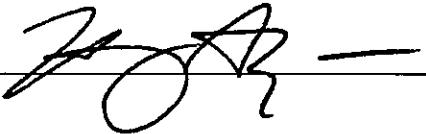
9           SECTION 3. This Act does not affect rights and duties that  
10 matured, penalties that were incurred, and proceedings that were  
11 begun before its effective date.

12           SECTION 4. New statutory material is underscored.

13           SECTION 5. This Act shall take effect upon its approval.

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INTRODUCED BY: \_\_\_\_\_



JAN 17 2014



**Report Title:**

Digital Manufacturing Technology; Firearms

**Description:**

Prohibits the use, sale, and possession of firearms manufactured: (1) Using digital manufacturing technology; and (2) By a person who is not licensed under federal law to do so.

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