

JAN 16 2014

A BILL FOR AN ACT

RELATING TO FIREARMS.

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

1 SECTION 1. The legislature finds that the process of
2 digital manufacturing technology is used in a variety of
3 industries and trades such as the automotive industry.
4 Automobile engineers and designers use digital manufacturing
5 technology to create a holistic view of a product and process
6 design to produce automobiles more efficiently.

7 However, digital manufacturing technology can also be used
8 to digitally manufacture firearms and ammunition. This
9 technology allows persons to manufacture firearms in a private
10 setting and sell these digitally manufactured firearms to the
11 public. These types of firearms are fully functional, are made
12 at a low cost because they are made from plastic or powdered
13 metals, and bear no serial numbers or other markings to indicate
14 their point of origin. Furthermore, because these weapons are
15 made from small amounts of metal, if at all, and may be carried
16 as separate parts that do not resemble the shape or nature of a
17 firearm or ammunition, these weapons are not detected by metal



1 detectors used or inspections conducted by law enforcement
2 officers.

3 The legislature further finds that existing laws relating
4 to firearms do not prohibit the manufacturing, use, or sale of
5 digital manufacturing firearms in Hawaii, which can increase the
6 number of firearms and the risk of danger and violence.

7 The purpose of this Act is to prohibit the manufacturing,
8 use, and sale of digitally manufactured firearms and ammunition.

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

12 **"§134- Digital manufacturing technology; prohibitions;**
13 **penalty.** (a) It shall be unlawful for any person to knowingly
14 or intentionally manufacture, through the use of digital
15 manufacturing technology, any firearm, ammunition, or any piece
16 or part thereof that:

17 (1) When fully assembled or in pieces or parts, resembles
18 or depicts the shape or nature of a firearm,
19 ammunition, or any piece or part thereof; or

20 (2) When fully assembled or in pieces or parts, resembles
21 or depicts the shape or nature of a firearm,
22 ammunition, or any piece or part thereof and when



1 inspected by law enforcement or by the use of law
2 enforcement technology, cannot be detected or
3 identified as a firearm, ammunition, or any piece or
4 part thereof,

5 unless the person possesses a license to manufacture firearms
6 pursuant to title 18 United States Code section 923(a).

7 (b) It shall be unlawful for any person to knowingly or
8 intentionally use any firearm, ammunition, or any piece or part
9 thereof, manufactured through the use of digital manufacturing
10 technology, that:

11 (1) When fully assembled or in pieces or parts, resembles
12 or depicts the shape or nature of a firearm,
13 ammunition, or any piece or part thereof; or

14 (2) When fully assembled or in pieces or parts, resembles
15 or depicts the shape or nature of a firearm,
16 ammunition, or any piece or part thereof and when
17 inspected by law enforcement or by the use of law
18 enforcement technology, cannot be detected or
19 identified as a firearm, ammunition, or any piece or
20 part thereof,

21 unless the person possesses a license to manufacture firearms
22 pursuant to title 18 United States Code section 923(a).



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1 (c) It shall be unlawful for any person to knowingly or
 2 intentionally possess, sell, deliver, barter, trade, gift,
 3 transfer, or acquire any firearm manufactured through the use of
 4 digital manufacturing technology.

5 (d) Violation of subsection (a), (b), or (c) shall be a
 6 class C felony.

7 (e) For purposes of this section, "digital manufacturing
 8 technology" means the use of an integrated, computer-based
 9 system comprising simulation, three-dimensional visualization,
 10 analytics, and various collaboration tools to create product and
 11 manufacturing process definitions simultaneously. "Digital
 12 manufacturing technology" includes but is not limited to
 13 computer numerical control mills, three-dimensional printers,
 14 and laser cutting machines."

15 SECTION 3. This Act does not affect rights and duties that
 16 matured, penalties that were incurred, and proceedings that were
 17 begun before its effective date.

18 SECTION 4. New statutory material is underscored.

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

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INTRODUCED BY: 



S.B. NO. 2257

Report Title:

Firearms; Digital Manufacturing Technology; Penalties

Description:

Prohibits the manufacturing, use, and sale of digitally manufactured firearms and ammunition.

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