

Senate File 2208 - Introduced

SENATE FILE 2208
BY COMMITTEE ON TECHNOLOGY

(SUCCESSOR TO SSB 3010)

A BILL FOR

1 An Act relating to the prohibition of geoengineering
2 activities, providing penalties, and including effective
3 date provisions.
4 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

1 Section 1. NEW SECTION. 708C.1 Definitions.

2 As used in this chapter:

- 3 1. "*Cloud seeding*" means a type of weather modification
4 that attempts to change the amount or type of condensation
5 or precipitation by dispersing chemicals, including but not
6 limited to silver iodide, potassium iodide, and dry ice, into
7 the air by means of aircraft or ground generators.
- 8 2. "*Department*" means the department of public safety.
- 9 3. "*Polluting atmospheric activity*" means the deliberate
10 discharge of any solid, liquid, gaseous, or thermal irritant,
11 contaminant, or substance, including smoke, vapor, soot,
12 fume, aerosol plume, acid, alkali, chemical, artificially
13 produced electric field, magnetic field, electromagnetic field,
14 electromagnetic pulse, sound wave, sound pollution, light
15 pollution, microwave, and all artificially produced ionizing or
16 nonionizing radiation or waste conducted in the atmosphere that
17 may have harmful consequences upon health, the environment, or
18 agriculture with the intent to manipulate or alter the weather.
- 19 4. "*Weather engineering*" means the deliberate manipulation
20 or alteration of the environment for the purpose of changing
21 the weather or climate by artificial means, typically
22 involving the deliberate release of polluting emissions in the
23 atmosphere via cloud seeding, for small-scale, large-scale, and
24 global-scale alteration of the environment.

25 Sec. 2. NEW SECTION. 708C.2 Prohibited acts.

26 A person shall not engage in polluting atmospheric activity,
27 cloud seeding, or any other type of weather engineering, or
28 use an unmarked or unidentified aircraft or other vehicle or
29 facility to engage in polluting atmospheric activity, cloud
30 seeding, or any other type of weather engineering, unless
31 otherwise provided by law.

32 Sec. 3. NEW SECTION. 708C.3 Penalties and enforcement.

33 1. The department shall immediately issue a cease and desist
34 order to a person suspected of violating section 708C.2. A
35 cease and desist order issued under this section shall have the

1 weight of a court order and any violation shall be punished in
2 accordance with subsection 2.

3 2. A person who violates section 708C.2 commits a class "D"
4 felony. A separate offense is committed by the person for each
5 day during which the violation has been conducted, repeated,
6 or continued.

7 Sec. 4. EFFECTIVE DATE. This Act, being deemed of immediate
8 importance, takes effect upon enactment.

9

EXPLANATION

10 The inclusion of this explanation does not constitute agreement with
11 the explanation's substance by the members of the general assembly.

12 This bill relates to geoengineering by creating penalties
13 and enforcement procedures for persons engaging in such
14 practices. A person who engages in polluting atmospheric
15 activity, cloud seeding, or weather engineering with the intent
16 to manipulate or alter the weather commits a class "D" felony.
17 A class "D" felony is punishable by confinement for no more
18 than five years and a fine of at least \$1,025, but not more
19 than \$10,245. Each day the person violates this restriction
20 is treated as a separate offense. Additionally, if these
21 practices are suspected, the department of public safety (DPS)
22 is authorized to issue the suspected person a cease and desist
23 letter having the weight of a court order.

24 The bill takes effect upon enactment.