

AMENDMENT TO H.R. 8038
OFFERED BY MR. KEATING OF MASSACHUSETTS

At the appropriate place, add the following:

1 **SEC. __. STRATEGIES TO PREVENT EXPORT TO IRAN OF**
2 **CERTAIN TECHNOLOGIES RELATED TO UN-**
3 **MANNED AIRCRAFT SYSTEMS.**

4 (a) DEPARTMENT OF COMMERCE STRATEGY.—

5 (1) STRATEGY REQUIRED.—The Secretary of
6 Commerce (in consultation with the Secretary of
7 State, the Secretary of Defense, and the heads of
8 the elements of the intelligence community) shall de-
9 velop a strategy to supplement the existing sanctions
10 regime of the United States against Iran by pre-
11 venting the export to Iran by United States persons
12 regarding technologies used or that may be used in
13 the design, development, production, or operational
14 employment of unmanned aircraft systems by Iran,
15 including the following microelectronics:

16 (A) Microcontrollers.

17 (B) Voltage regulators.

18 (C) Digital signal controllers.

19 (D) GPS modules.

20 (E) Microprocessors.

1 (F) Circuit board components.

2 (2) ELEMENTS.—The strategy under paragraph
3 (1) shall include, at a minimum, the following ele-
4 ments:

5 (A) A process for the Secretary of Com-
6 merce (in coordination with the Secretaries and
7 heads specified in paragraph (1)) to proactively
8 identify—

9 (i) current and emerging technologies
10 used or that may be used by Iran in the
11 design, development, production, or oper-
12 ational employment of unmanned aircraft
13 systems (including critical components
14 thereof); and

15 (ii) United States manufacturers of
16 such technologies.

17 (B) A process for the Secretary of Com-
18 merce (in coordination with the Secretaries and
19 heads specified in paragraph (1)) to proactively
20 identify third-party distributors and resellers of
21 the technologies specified in subparagraph
22 (A)(i) that, through the use of intermediaries
23 with no or nominal operations or assets, or
24 through other mechanisms, contrive to cir-

1 cumvent sanctions and export controls for such
2 items with respect to Iran.

3 (C) A methodology for the Secretary of
4 Commerce to proactively engage the United
5 States manufacturers identified pursuant to the
6 process under subparagraph (A)(ii), to provide
7 such manufacturers with timely updates to the
8 list of third-party distributors and resellers
9 identified pursuant to the process under sub-
10 paragraph (B).

11 (3) SUBMISSION.—Not later than 60 days after
12 the date of the enactment of this Act, the Secretary
13 of Commerce shall submit to the appropriate con-
14 gressional committees the strategy under paragraph
15 (1).

16 (4) FORM.—The report required by subsection
17 (a)(1) shall be submitted in unclassified form, but
18 portions of the report described in paragraphs (1)
19 and (2) may contain a classified annex, so long as
20 such annex is provided separately from the unclassi-
21 fied report.

22 (b) DEPARTMENT OF STATE STRATEGY.—

23 (1) STRATEGY REQUIRED.—The Secretary of
24 State (in coordination with the Secretary of Com-
25 merce, the Secretary of Defense, and the heads of

1 the elements of the intelligence community) shall de-
2 velop a strategy to engage with European and Asian
3 allies and partners of the United States regarding
4 technologies which are used, or may be used, by Iran
5 in the design, development, production, or oper-
6 ational employment of unmanned aircraft systems
7 (including the microelectronics listed in subpara-
8 graphs (A) through (F) of subsection (a)(1)), to pre-
9 vent the export of such technologies to Iran by such
10 allies and partners.

11 (2) ELEMENTS.—The strategy under paragraph
12 (1) shall include, at a minimum, the following ele-
13 ments:

14 (A) A process for the Secretary of State
15 (in consultation with the relevant Secretaries
16 and heads specified in paragraph (1)) to
17 proactively identify foreign manufacturers of
18 the technologies referred to in such paragraph.

19 (B) A process for the Secretary of State to
20 engage with any ally or partner of the United
21 States regarding technologies which have been
22 incorporated into an unmanned aircraft system
23 produced by Iran, for the purpose of synchro-
24 nizing the export control regime of such ally or
25 partner with the United States export controls

1 developed by the Secretary of Commerce pursu-
2 ant to the strategy under subsection (a) with
3 respect to such technology.

4 (3) SUBMISSION.—Not later than 60 days after
5 the date of the enactment of this Act, the Secretary
6 of State shall submit to the appropriate congres-
7 sional committees the strategy under paragraph (1).

8 (4) FORM.—The report required by subsection
9 (b)(1) shall be submitted in unclassified form, but
10 portions of the report described in paragraphs (1)
11 and (2) may contain a classified annex, so long as
12 such annex is provided separately from the unclassi-
13 fied report.

14 (c) REQUIREMENT FOR SECRETARY OF DEFENSE TO
15 DEVELOP RANGE OF OPTIONS.—

16 (1) IN GENERAL.—Not later than 30 days after
17 the date of the enactment of this Act, the Secretary
18 of Defense (in coordination with the Secretary of
19 State and the heads of the elements of the intel-
20 ligence community) shall develop a range of options
21 that may be employed by the Armed Forces of the
22 United States to counter or otherwise deny Iran the
23 ability to acquire technologies used, or that may be
24 used, in the design, development, production, or

1 operational employment of unmanned aircraft sys-
2 tems by Iran, including the following technologies:

3 (A) Microcontrollers.

4 (B) Voltage regulators.

5 (C) Digital signal controllers.

6 (D) GPS modules.

7 (E) Microprocessors.

8 (F) Circuit board components.

9 (G) Computer Aided Design (CAD) soft-
10 ware.

11 (H) Computer numerical control machines.

12 (2) BRIEFING.—Not later than 45 days after
13 the date of the enactment of this Act, the Secretary
14 of Defense shall provide to the appropriate congres-
15 sional committees a briefing on the options devel-
16 oped under paragraph (1).

17 (d) DEFINITIONS.—In this section:

18 (1) APPROPRIATE CONGRESSIONAL COMMIT-
19 TEES.—The term “appropriate congressional com-
20 mittees” means the following:

21 (A) The Committee on Foreign Affairs, the
22 Committee on Armed Services, the Committee
23 on Ways and Means, and the Permanent Select
24 Committee on Intelligence of the House of Rep-
25 resentatives.

1 (B) The Committee on Foreign Relations,
2 the Committee on Armed Services, the Com-
3 mittee on Finance, and the Permanent Select
4 Committee on Intelligence of the Senate.

5 (2) INTELLIGENCE COMMUNITY.—The term
6 “intelligence community” has the meaning given
7 that term in section 3 of the National Security Act
8 of 1957 (50 U.S.C. 3003).

9 (3) UNMANNED AIRCRAFT; UNMANNED AIR-
10 CRAFT SYSTEM.—The terms “unmanned aircraft”
11 and “unmanned aircraft system” have the meanings
12 given those terms in section 130i of title 10, United
13 States Code.

