

AMENDMENT TO RULES COMMITTEE PRINT 115-

23

OFFERED BY MR. YOUNG OF ALASKA

Add at the end of title XVI the following new subtitle:

1 **Subtitle H—Advancing America’s**
2 **Missile Defense Act of 2017**

3 **SEC. 1699D. SHORT TITLE.**

4 This subtitle may be cited as the “Advancing Amer-
5 ica’s Missile Defense Act of 2017”.

6 **SEC. 1699E. SENSE OF CONGRESS ON CURRENT STATE OF**
7 **UNITED STATES MISSILE DEFENSE, FUTURE**
8 **INVESTMENT, AND ACCELERATING CAPABILI-**
9 **TIES TO OUTPACE CURRENT THREATS.**

10 (a) SENSE OF CONGRESS.—It is the sense of Con-
11 gress that the Secretary of Defense should use the upcom-
12 ing Ballistic Missile Defense Review (BMDR) and the
13 Missile Defeat Review (MDR) to accelerate the develop-
14 ment of new and existing means to sustain and increase
15 the capacity, capability, and reliability of the ground-based
16 midcourse defense element of the ballistic missile defense
17 system and other missile defense programs.

1 (b) ACCELERATION OF DEVELOPMENT OF CERTAIN
2 ADVANCED MISSILE DEFENSE TECHNOLOGIES TOWARD
3 FIELDING.—

4 (1) IN GENERAL.—To the degree practicable,
5 the Director of the Missile Defense Agency shall use
6 the policies of the Department of Defense to accel-
7 erate the development, testing, and fielding of the
8 redesigned kill vehicle, the multi-object kill vehicle,
9 the C3 booster, a space-based sensor layer, an air-
10 borne laser on unmanned aerial vehicles, and a po-
11 tential additional missile defense site, including the
12 completion of any outstanding environmental impact
13 statements (EISs) for an additional missile defense
14 site on the East Coast or in the Midwest regions of
15 the United States.

16 (2) PRIORITY.—The Director shall prioritize
17 the development of capabilities listed in paragraph
18 (1) subject to annual authorization and appropria-
19 tion of funding.

20 (3) DEVELOPMENT.—The Director shall use
21 sound acquisition processes and program manage-
22 ment to develop the capabilities set forth in para-
23 graph (1).

1 **SEC. 1699F. AUTHORIZATION TO INCREASE CURRENT**
2 **GROUND-BASED MIDCOURSE DEFENSE CA-**
3 **PACITY BY 28 GROUND-BASED INTERCEP-**
4 **TORS.**

5 (a) INCREASE IN CAPACITY.—The Secretary of De-
6 fense shall, subject to the annual authorization of appro-
7 priations and the annual appropriation of funds for Na-
8 tional Missile Defense, increase the number of United
9 States ground-based interceptors by up to 28.

10 (b) REPORT TO CONGRESS.—

11 (1) IN GENERAL.—Unless otherwise directed or
12 recommended by the BMDR, not later than 90 days
13 after the date of the enactment of this Act, the Di-
14 rector of the Missile Defense Agency shall submit to
15 the congressional defense committees a report on in-
16 frastructure requirements and costs associated to in-
17 crease the number of ground-based interceptors at
18 Missile Field 1 and Missile Field 2 at Fort Greely
19 to 20 ground-based interceptors each.

20 (2) CONTENTS.—The report required by para-
21 graph (1) shall include the following:

22 (A) An analysis of the strategic, oper-
23 ational, and tactical benefits of adding addi-
24 tional ground-based interceptors at each missile
25 field.

1 (B) A detailed description of the infra-
2 structure needed and costs associated with ex-
3 panding each missile field.

4 (C) An identification of any environmental,
5 technical, or logistical barriers to expanding
6 each missile field.

7 (D) Any analysis of alternatively using
8 Missile Field 4 and Missile Field 5 to increase
9 the number of ground-based interceptors.

10 (3) FORM.—The report submitted under para-
11 graph (1) shall be submitted in unclassified form,
12 but may include a classified annex.

13 **SEC. 1699G. MISSILE DEFENSE AGENCY REPORT ON IN-**
14 **CREASING NUMBER OF GROUND-BASED**
15 **INTERCEPTORS UP TO 100.**

16 (a) SENSE OF CONGRESS.—It is the sense of Con-
17 gress that it is the policy of the United States to maintain
18 and improve, with the allies of the United States, an effec-
19 tive, robust layered missile defense system capable of de-
20 fending the citizens of the United States residing in terri-
21 tories and States of the United States, allies of the United
22 States, and deployed Armed Forces of the United States.

23 (b) REPORT TO CONGRESS.—

24 (1) IN GENERAL.—Unless otherwise directed or
25 recommended by the BMDR, not later than 90 days

1 after the date of the enactment of this Act, the Di-
2 rector of the Missile Defense Agency shall submit to
3 the congressional defense committees a report on the
4 costs and benefits of increasing the capacity of the
5 ground-based midcourse defense element of the bal-
6 listic missile defense system.

7 (2) CONTENTS.—The report required by para-
8 graph (1) shall include the following:

9 (A) An identification of potential sites—
10 new or existing—to allow for the increase of up
11 to 100 ground-based interceptors.

12 (B) An analysis of the strategic, oper-
13 ational, tactical, and cost benefits of each site.

14 (C) A description of any environmental,
15 legal, or tactical challenges associated with each
16 site.

17 (D) A detailed description of the infra-
18 structure needed and costs associated with each
19 site.

20 (E) A summary of any completed or out-
21 standing environmental impact statements
22 (EIS) on each site.

23 (F) An operational evaluation and cost
24 analysis of the deployment of transportable
25 ground-based interceptors, including an identi-

1 fication of potential sites, including in the east-
2 ern United States and at Vandenberg Air Force
3 Base, and an examination of any environ-
4 mental, legal, or tactical challenges associated
5 with such deployments, including to any sites
6 identified in subparagraph (A).

7 (G) A determination of the appropriate
8 fleet mix of ground-based interceptor kill vehi-
9 cles and boosters to maximize overall system ef-
10 fectiveness and increase its capacity and capa-
11 bility, including the costs and benefits of contin-
12 ued inclusion of capability enhancement II
13 (CE-II) Block 1 interceptors after the fielding
14 of the redesigned kill vehicle.

15 (H) A description of the planned improve-
16 ments to homeland ballistic missile defense sen-
17 sor and discrimination capabilities and an as-
18 sessment of the expected operational benefits of
19 such improvements to homeland ballistic missile
20 defense.

21 (I) The costs and benefits of
22 supplementing ground-based midcourse defense
23 elements with other, more distributed, elements,
24 including both Aegis ships and Aegis Ashore in-
25 stallations with Standard Missile-3 Block IIA

1 and other interceptors in Hawaii and at other
2 locations for homeland missile defense.

3 (3) FORM.—The report required by paragraph
4 (1) shall be submitted in unclassified form, but may
5 include a classified annex.

6 **SEC. 1699H. EVALUATION AND EVOLUTION OF TERRES-**
7 **TRIAL GROUND-BASED MIDCOURSE DEFENSE**
8 **SENSORS.**

9 (a) REPORT TO CONGRESS.—

10 (1) IN GENERAL.—Unless otherwise directed or
11 recommended by the BMDR, not later than 90 days
12 after the date of the enactment of this Act, the Di-
13 rector of the Missile Defense Agency, in coordination
14 with the Secretary of the Air Force, shall submit to
15 the congressional defense committees a report on the
16 status of the integrated layers of missile defense ra-
17 dars.

18 (2) CONTENTS.—The report required by para-
19 graph (1) shall include the following:

20 (A) A detailed analysis of the expected im-
21 provements resulting from the integration of
22 the Long Range Discrimination Radar into the
23 missile defense system architecture of the
24 United States, including—

1 (i) any adjustments to homeland mis-
2 sile defense tactics, techniques, and proce-
3 dures;

4 (ii) possible adjustments to ground-
5 based midcourse defense shot-doctrine and
6 required interceptor capacity;

7 (iii) possibilities for direct integration
8 with Fort Greely's Command and Control
9 node; and

10 (iv) impacts on regional missile de-
11 fense systems including Aegis Ballistic
12 Missile Defense, Aegis Ashore, and Ter-
13 minal High Altitude Area Defense.

14 (B) A detailed comparison of the capabili-
15 ties of Long Range Discrimination Radar and
16 the COBRA DANE radar, including—

17 (i) the unique capabilities of each
18 radar;

19 (ii) the overlapping capabilities of
20 each radar; and

21 (iii) the advantages and disadvantages
22 of each radar's location.

23 (C) A modernization plan and costs for the
24 long-term continued operations and mainte-
25 nance of the COBRA DANE radar or a plan to

1 replace its capability if COBRA DANE cannot
2 remain operational, and the costs associated
3 with each plan.

4 (b) ASSESSMENT BY COMPTROLLER GENERAL OF
5 THE UNITED STATES.—Not later than 90 days after the
6 date on which the Director submits the report under sub-
7 section (a)(1), the Comptroller General of the United
8 States shall—

9 (1) complete a review of the plan required by
10 subsection (a)(2)(C); and

11 (2) submit to the congressional defense commit-
12 tees a report on such review that includes the find-
13 ings and recommendations of the Comptroller Gen-
14 eral.

15 (c) FORM.—The reports submitted subsections (a)
16 and (b) shall be submitted in unclassified form, but may
17 include a classified annex.

18 **SEC. 1699I. AUTHORIZATION FOR MORE GROUND-BASED**
19 **MIDCOURSE DEFENSE TESTING.**

20 (a) SENSE OF CONGRESS.—It is the sense of Con-
21 gress that—

22 (1) at a minimum, the Missile Defense Agency
23 should continue to flight test the ground-based mid-
24 course defense element at least once each fiscal year;

1 (2) the Department of Defense should allocate
2 increased funding to homeland missile defense test-
3 ing to ensure that our defenses continue to evolve
4 faster than the threats against which they are pos-
5 tured to defend while pursuing a robust acquisition
6 process;

7 (3) in order to rapidly innovate, develop, and
8 field new technologies, the Director of the Missile
9 Defense Agency should continue to focus testing
10 campaigns on delivering increased capabilities to the
11 Armed Forces as quickly as possible; and

12 (4) the Director of the Missile Defense Agency
13 should seek to establish a more prudent balance be-
14 tween risk mitigation and the more rapid testing
15 pace needed to quickly develop and deliver new capa-
16 bilities to the Armed Forces.

17 (b) REPORT TO CONGRESS.—

18 (1) IN GENERAL.—Unless otherwise directed or
19 recommended by the BMDR, not later than 90 days
20 after the date of the enactment of this Act, the Di-
21 rector of the Missile Defense Agency shall submit to
22 the congressional defense committees a revised mis-
23 sile defense testing campaign plan that accelerates
24 the development and deployment of new missile de-
25 fense technologies.

1 (2) CONTENTS.—The report required by para-
2 graph (1) shall include the following:

3 (A) A detailed analysis of the costs and
4 benefits of accelerating each following pro-
5 grams:

6 (i) Redesigned kill vehicle.

7 (ii) Multi-object kill vehicle.

8 (iii) Configuration-3 booster.

9 (iv) Lasers mounted on small un-
10 manned aerial vehicles.

11 (v) Space-based missile defense sensor
12 architecture.

13 (vi) Such additional technologies as
14 the Director considers appropriate.

15 (B) A new deployment timeline for each of
16 the programs in listed in subparagraph (A) or
17 a detailed description of why the current
18 timeline for deployment technologies under
19 those programs is most suitable.

20 (C) An identification of any funding or pol-
21 icy restrictions that would slow down the de-
22 ployment of the technologies under the pro-
23 grams listed in subparagraph (A).

24 (D) A risk assessment of the potential
25 cost-overruns and deployment delays that may

1 be encountered in the expedited development
2 process of the capabilities under paragraph (1).

3 (c) REPORT ON FUNDING PROFILE.—The Director
4 shall include with the budget justification materials sub-
5 mitted to Congress in support of the budget of the Depart-
6 ment of Defense for fiscal year 2018 (as submitted with
7 the budget of the President under section 1105(a) of title
8 31, United States Code) a report on the funding profile
9 necessary for the new testing campaign plan required by
10 subsection (b)(1).

