

En Bloc Amendments to H.R. 2500

Full Committee En Bloc # 6

| Log # | Sponsor | Description |
|-------|------------|--|
| 214 | Langevin | This is an increase of \$22,650,00 for Navy Railgun, decrease to the Strategic Capabilities Office. |
| 220r1 | Kelly | Create a SPACE-A travel category for Gold Star Families. |
| 226 | Abraham | Adds geographical diversification to the provisions "Diversification of the Science, Technology, Research and engineering Workforce of the DOD. |
| 256r1 | Byrne | Ensures the SECNAV considers price a critical evaluation factor in the procurement of a frigate FFG(X). |
| 286 | Graves | Establishes an interagency working group to review DoD use of contracted US civil aviation in mission areas where a Special Federal Aviation Regulation is in effect. |
| 288r2 | Courtney | Reduce funding by \$3M in Other Procurement, Air Force, line 34 and increase funding by \$3M in Army RDT&E line 40 for medical technology for female servicemember high heat physiological research. |
| 290 | Courtney | Amends the application of miscellaneous technology base policies and programs to the Columbia-class submarine program. |
| 292r1 | Courtney | Reduce funding by \$6M in Defense-wide RDT&E line 41 and increase funding by \$6M in Air Force RDT&E line 28 for academic-industry partnerships for advanced aerospace materials research. |
| 295 | Trahan | Increase PEO604567N, line 134 by \$10 million to retrofit one DDG 51 with the Advanced Conductor Degaussing Mine Protection System. |
| 296 | Trahan | Adds \$5 million to the Marine Corps Advanced Technology Demo line (PE 0603640M) for four new MAARS 2.0 for the Marine Corps Warfighter Lab. |
| 302r1 | Moulton | Requires the Secretary of Defense to complete a Quadrennial Cyber Posture Review, and includes a requirement to assess the value of establishing a Cyber Force as a separate uniformed service. |
| 311 | Gallego | Adjusts funding tables to HAC-D's plus up of \$12.5M to Chemical & Biological Defense Program, Applied Research, Line 015 for pathogen and microbiome analysis. |
| 321r1 | Houlahan | This amendment fences 25% of the funding for the VH-92A until the Department reports to Congress on the impact of changes to the manufacturing base on the program. |
| 327r1 | Haaland | Requests a briefing on cost savings from reduction in use of single-use plastics. |
| 338r1 | DesJarlais | Would increase funding for advanced thermal protection systems by \$5,000,000. The amendment would reduce funding for RDT&E defense wide spending, line 041, by \$5,000,000. |

**Full Committee
En Bloc # 6**

| Log # | Sponsor | Description |
|--------------|-------------------|---|
| 339 | Carbajal | Once a service member submits N-426 form, the military department is required to certify the servicemember's honorable service within five days for active duty and three weeks for the reserved force. |
| 347r1 | Haaland | Creating a public database for complaints related to housing units, revised annual audit for financial transparency, annual reporting on privatized housing conditions. |
| 354r1 | Abraham | DRL on intergovernmental service agreement with military instalations that directs DOD to provide a report to HASC on the fiscal impacts of intergovernmental service agreements |
| 356 | Sherrill | Increase funding (\$5M) for ship concept advanced design (Navy RDT&E); decrease funding (\$5M) for Ship-to-Shore Connector (Navy procurement). Amends Division D, sections 4201 and 4101. |
| 362r1 | Thornberry | Creates a pilot program within DOD to encourage engagement with commercial technology companies through the SBIR program, and modifies other elements of the innovation architecture within DOD. |
| 365 | Thornberry | Amends the timeline for DOD Clearinghouse review of applications for energy projects that may have an adverse impact on military operations and readiness from 60 days to 90 days to better align with current operations. |
| 368 | Thornberry | Amends Sec 183a(d)(2)(E) of title 10 USC to delegate authority for a final findings on geographic areas of concern for purposes of energy projects with adverse impacts on military operations and readiness down to the Deputy Assistant Secretary of Defense level. |

AMENDMENT TO H.R. 2500

OFFERED BY MR. LANGEVIN

(funding table amendment)

In section 4201 of division D, relating to research, development, test and evaluation, Navy, increase the amount for innovative naval prototypes (INP) advanced technology development, Line 027, by \$22,650,000.

In section 4201, relating to research, development, test and evaluation, Office of the Secretary of Defense, decrease the amount for advanced innovative technologies, Line 096m by \$22,650,000.

log done

AMENDMENT TO H.R. 2500
OFFERED BY MR. KELLY OF MISSISSIPPI

At the appropriate place in title VI, insert the following:

1 **SEC. 6** . **SPACE-AVAILABLE TRAVEL ON MILITARY AIR-**
2 **CRAFT FOR CHILDREN AND SURVIVING**
3 **SPOUSES OF MEMBERS WHO DIE OF HOSTILE**
4 **ACTION OR TRAINING DUTY.**

5 Section 2641b(c) of title 10, United States Code, is
6 amended—

7 (1) by redesignating paragraph (6) as para-
8 graph (7); and

9 (2) by inserting after paragraph (5) the fol-
10 lowing new paragraph (6):

11 “(6) Children (as described by section
12 1072(2)(D) or section 1110b(b) of this title, as the
13 case may be) and surviving spouses of members of
14 the armed forces who die as a result of hostile action
15 or training duty.”



AMENDMENT TO H.R. 2500
OFFERED BY MR. ABRAHAM OF LOUISIANA

At the end of section 216(a)(2) (Log 69202), add
the following new subparagraph:

- 1 (D) The geographical diversification of the
- 2 workforce and the operating costs of the work-
- 3 force across various geographic regions.



Log 256 pl
revised

AMENDMENT TO H.R. 2500
OFFERED BY MR. BYRNE OF ALABAMA

At the appropriate place in title VIII, insert the following new section:

1 **SEC. 8__ . CONSIDERATION OF PRICE IN PROCUREMENT**
2 **OF THE FFG(X) FRIGATE.**

3 In evaluating proposals for a contract to procure a
4 FFG(X) frigate, the Secretary of the Navy shall ensure
5 price is a critical evaluation factor set forth in the request
6 for proposal (solicitation number N0002419R2300) for
7 the procurement of the frigate.



AMENDMENT TO H.R. 2500**OFFERED BY MR. GRAVES OF MISSOURI**

At the appropriate place in title X, insert the following:

1 **SEC. 10___ . SPECIAL FEDERAL AVIATION REGULATION**
2 **WORKING GROUP.**

3 (a) **IN GENERAL.**—Not later than 90 days after the
4 date of the enactment of this Act, the Secretary of De-
5 fense, the Secretary of Transportation, and the Secretary
6 of State, shall jointly establish a Special Federal Aviation
7 Regulation (in this section referred to as the “SFAR”)
8 interagency working group to review the current options
9 for the Department of Defense to use contracted United
10 States civil aviation to provide support for Department of
11 Defense missions in areas where a Federal Aviation Ad-
12 ministration SFAR is in effect.

13 (b) **DUTIES.**—The working group shall—

14 (1) analyze all options currently available for
15 the Department of Defense to use contracted United
16 States civil aviation to provide support for Depart-
17 ment of Defense missions in areas where a Federal
18 Aviation Administration SFAR is in effect;

1 (2) review existing processes of the Department
2 of Defense, the Federal Aviation Administration,
3 and the Department of State, with respect to the
4 Department of Defense's use of contracted United
5 States civil aviation in areas where a Federal Avia-
6 tion Administration SFAR is in effect;

7 (3) identify any issues, inefficiencies, or con-
8 cerns with the existing options and processes, includ-
9 ing safety of flight, legal considerations, mission de-
10 livery, and security considerations; and

11 (4) develop recommendations, if any, to improve
12 existing processes or expand the options available for
13 the Department of Defense to use contracted United
14 States civil aviation to provide support to Depart-
15 ment of Defense missions in areas where a Federal
16 Aviation Administration SFAR is in effect.

17 (c) MEMBERS.—

18 (1) APPOINTMENT.—The Secretary of Defense,
19 the Secretary of Transportation, and the Secretary
20 of State shall each appoint not more than 5 mem-
21 bers to the working group with expertise in civil
22 aviation safety, state aircraft operations, the provi-
23 sion of contracted aviation support to the Depart-
24 ment of Defense, and the coordination of such ef-
25 forts between the Department of Defense, the De-

1 partment of State, and the Federal Aviation Admin-
2 istration. The 5 members appointed by the Secretary
3 of Transportation shall include at least 3 members
4 from the Federal Aviation Administration.

5 (2) QUALIFICATIONS.—All working group mem-
6 bers shall be full-time employees of the Federal Gov-
7 ernment with appropriate security clearances to
8 allow discussion of all classified information and ma-
9 terials necessary to fulfill the working group's duties
10 pursuant to subsection (b).

11 (d) REPORT.—Not later than 1 year after the date
12 it is established, the working group shall submit a report
13 on its findings and any recommendations developed pursu-
14 ant to subsection (b) to the congressional defense commit-
15 tees, the Committee on Commerce, Science, and Transpor-
16 tation of the Senate, and the Committee on Transpor-
17 tation and Infrastructure of the House of Representatives.

18 (e) TERMINATION.—The working group shall termi-
19 nate 90 days after the date the report is submitted under
20 subsection (d).

21 (f) DEFINITIONS.—In this section the following defi-
22 nitions apply:

23 (1) The term “United States civil aviation”
24 means—

1 (A) United States air carriers and United
2 States commercial operators;

3 (B) persons exercising the privileges of an
4 airman certificate issued by the FAA, except
5 such persons operating United States-registered
6 aircraft for a foreign air carrier; and

7 (C) operators of civil aircraft registered in
8 the United States, except where the operator of
9 such aircraft is a foreign air carrier.

10 (2) The term "Federal Aviation Administration
11 SFAR" means the Special Federal Aviation Regula-
12 tion included under subpart M of part 91 of title 14,
13 Code of Federal Regulations.



LOG 288 r2
Revised
LOG 288

AMENDMENT TO H.R. 2500

OFFERED BY MR. COURTNEY

(funding table amendment)

In section 4201 of division D, relating to Research, Development, Test, and Evaluation, Army, increase the amount for Medical Technology, Line 040, by \$3,000,000.

In section 4101 of division D, relating to Other Procurement, Air Force, reduce the amount for Wide Area Surveillance (WAS), Line 034, by \$3,000,000.

AMENDMENT TO H.R. 2500
OFFERED BY MR. COURTNEY OF CONNECTICUT

At the appropriate place in title VIII, insert the following new section:

1 **SEC. 8__.** **APPLICATION OF MISCELLANEOUS TECH-**
2 **NOLOGY BASE POLICIES AND PROGRAMS TO**
3 **THE COLUMBIA-CLASS SUBMARINE PRO-**
4 **GRAM.**

5 Notwithstanding subchapter V of chapter 148 of title
6 10, United States Code (except for sections 2534, 2533a,
7 and 2533b of such title), for a period of one year begin-
8 ning on the date of the enactment of this Act, the mile-
9 stone decision authority (as defined in section 2366a of
10 title 10, United States Code) for the Columbia-class sub-
11 marine program shall ensure that such program maintains
12 the schedule approved under the Milestone B approval (as
13 defined in such section).



Log 292r1

AMENDMENT TO H.R. 2500
OFFERED BY MR. COURTNEY
(funding table amendment)

In section 4201 of division D, relating to Research, Development, Test, and Evaluation, Air Force, increase the amount for Manufacturing Technology Program, Line 28, by \$6,000,000.

In section 4201 of division D, relating to Research, Development, Test, and Evaluation, Defense-wide, reduce the amount for Technology Innovation, Line 41, by \$6,000,000.

AN AMENDMENT TO H.R. 2500 OFFERED BY Ms. Trahan

(funding table amendment)

Table Reductions:

In Section 4201 of division D, relating to Research, Development, Test and Evaluation, Navy, PE0603564N line 045, reduce the amount by \$10,000,000.

Table Increases:

In Section 4201 of division D, relating to Research, Development, Test and Evaluation, Navy, PE0604567N line 134, increase the amount for Advanced Degaussing System by \$10,000,000.

AMENDMENT TO H.R. 2500

OFFERED BY MS. TRAHAN

(funding table amendment)

In section 4201 of division D, relating to Advanced Technology Development, Navy, increase the amount for Modular Advanced Armed Robotic System 2.0 under USMC ADVANCED TECHNOLOGY DEMONSTRATION, PE 0603640M Line 019, by \$5,000,000.

In section 4101 of division D, relating to Other Procurement, Army, reduce the amount for AUTOMATED DATA PROCESSING EQUIP, Line 113, by \$5,000,000.

Log 3/20/19

AMENDMENT TO H.R. 2500

OFFERED BY MR. MOULTON OF MASSACHUSETTS

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

1 **SEC. 16___ . CYBER POSTURE REVIEW.**

2 Section 1644 of the National Defense Authorization
3 Act for Fiscal Year 2018 (Public Law 115–91) is amend-
4 ed—

5 (1) in subsection (a), by inserting “, not later
6 than December 31, 2022, and quadrennially there-
7 after,” before “conduct”;

8 (2) in subsection (b), by striking “the review”
9 and inserting “each review”;

10 (3) in subsection (c)—

11 (A) in the matter preceding paragraph (1),
12 by striking “The review” and inserting “Each
13 review”;

14 (B) by redesignating paragraph (9) as
15 paragraph (10); and

16 (C) by inserting after paragraph (8) the
17 following new paragraph:

1 “(9) An assessment of the potential costs, bene-
2 fits, and value, if any, of establishing a cyber force
3 as a separate uniformed service.”;

4 (4) in subsection (d)—

5 (A) in paragraph (1), by striking “the
6 cyber” and inserting “each cyber”;

7 (B) in paragraph (2), by striking “The re-
8 port” and inserting “Each report”; and

9 (C) by striking paragraph (3); and

10 (5) in subsection (e), by striking “period begin-
11 ning on the date that is five years after the date of
12 the enactment of this Act and ending on the date
13 that is 10 years after such date of enactment” and
14 inserting “each eight year period that begins from
15 the date of each review conducted under subsection
16 (a)”.



Log 311

AMENDMENT TO H.R. 2500

OFFERED BY MR. GALLEGO

(funding table amendment)

In section 0400 of division D, relating to Defense-wide research, development, testing, and evaluation, increase the amount for Chemical and Biological Defense Program, Applied Research, Line 015, by \$12,500,000.

In section 0400 of division D, relating to research, development, testing, and evaluation, OSD, reduce the amount for advanced innovative technologies, Line 096, by \$12,500,000.

4201

Log 32/c1

AMENDMENT TO H.R. 2500
OFFERED BY Ms. HOULAHAN OF PENNSYLVANIA

At the appropriate place in title I, insert the following new section:

1 **SEC. 1** . **LIMITATION ON AVAILABILITY OF FUNDS FOR**
2 **VH-92A HELICOPTER.**

3 (a) **LIMITATION.**—Of the funds authorized to be ap-
4 propriated by this Act or otherwise made available for fis-
5 cal year 2020 for procurement for the VH-92A helicopter,
6 not more than 75 percent may be obligated or expended
7 until the date on which the Secretary of Navy submits to
8 the Committee on Armed Services of the House of Rep-
9 resentatives the report required under subsection (b).

10 (b) **REPORT REQUIRED.**—The Secretary of the Navy
11 shall submit to the Committee on Armed Services of the
12 House of Representatives a report assessing the status of
13 the VH-92A helicopter program industrial base and the
14 potential impact of proposed manufacturing base changes
15 on the acquisition program. The report shall include a de-
16 scription of—

17 (1) estimated effects on the manufacturing
18 readiness level of the VH-92 program due to

MTG #2

1 planned changes to the program manufacturing
2 base;

3 (2) the estimated costs and assessment of cost
4 risk to the program due to planned changes to the
5 program manufacturing base;

6 (3) any estimated schedule impacts, including
7 impacts on delivery dates for the remaining low-rate
8 initial production lots and full rate production, re-
9 sulting from changes to the manufacturing base;

10 (4) an assessment of the effect of changes to
11 the manufacturing base on VH-92A sustainment;
12 and

13 (5) the impact of such changes on production
14 and sustainment capacity for the MH-60 and CH-
15 53K helicopters of the Navy.



Log 3d7r1

**Amendment to H.R. 2500
National Defense Authorization Act for Fiscal Year 2020**

Offered by: Congresswoman Deb Haaland

In the appropriate place in the report to accompany H.R. 2500, insert the following new Directive Report Language:

Reducing Costs Associated with Single-use Plastics

The Committee notes the growing costs associated with the recycling and disposal of single-use plastics, and particularly single-use plastic water bottles. The Committee directs the Assistant Secretary of Defense for Sustainment to provide a briefing to the House Committee on Armed Services by February 1, 2020, on efforts and opportunities to reduce expenditures on, and waste from, single-use plastics, with a focus on single-use plastic water bottles. The briefing should address—

- (1) Costs associated with the procurement and disposal of single-use plastics;
- (2) Current and planned efforts to reduce procurement and disposal of single-use plastics, and estimated cost and waste savings from such efforts, to include any public information campaigns; and
- (3) Additional opportunities to avoid costs and waste from single-use plastics, and estimated cost and waste savings from such efforts.

AMENDMENT TO H.R. 2500

OFFERED BY DR. DESJARLAIS

(funding table amendment)

In section 4201 of Division A, relating to materials, increase the amount for Advanced Thermal Protection Systems, Line 004, by \$5,000,000.

In section 4201 of division A, relating to RDT&E Defense Wide, reduce the amount for Technology Innovation, line 041, by \$5,000,000

AMENDMENT TO H.R. 2500
OFFERED BY MR. CARBAJAL OF CALIFORNIA

At the appropriate place in title V, insert the following:

1 **SEC. 5___.** **TIME REQUIREMENTS FOR CERTIFICATION OF**
2 **HONORABLE SERVICE.**

3 Upon the submission to the Secretary of a military
4 department or a designated commissioned officer serving
5 in the pay grade O-6 or higher by a member of the Armed
6 Forces of a completed United States Citizenship and Im-
7 migration Services Form N-426, the Secretary or the Of-
8 ficer shall—

9 (1) in the case of a member of the Armed
10 Forces who has served or is serving honorably on ac-
11 tive duty, provide certification that the nature of the
12 member's service has been honorable by not later
13 than five days from receiving the form;

14 (2) in the case of a member of the Armed
15 Forces who has served or is serving honorably in a
16 Reserve Component of the Armed Forces, provide
17 such certification by not later than three weeks from
18 receiving the form; and

1 (3) in the case of a member of the Armed
2 Forces whose service has been other than honorable,
3 provide to the member notice that a certification of
4 honorable service will not be provided and justifica-
5 tion for why such certification will not be provided—

6 (A) in the case of a member who has
7 served or is serving on active duty, by not later
8 than five days from receiving the form; and

9 (B) in the case of a member who has
10 served or is serving in a Reserve Component, by
11 not later than three weeks from receiving the
12 form.



log 347 n1

AMENDMENT TO H.R. 2500
OFFERED BY MS. HAALAND OF NEW MEXICO

Add at the end of subtitle B of title XXVIII the following new section:

1 **SEC. 28** . **IMPROVEMENT OF PRIVATIZED MILITARY**
2 **HOUSING.**

3 (a) **COMPLAINT DATABASE AND FINANCIAL TRANS-**
4 **PARENCY.—**

5 (1) **IN GENERAL.—**Subchapter IV of chapter
6 169 of title 10, United States Code, is amended by
7 adding at the end the following new sections:

8 **“§ 2887. Complaint database**

9 “(a) **DATABASE REQUIRED.—**The Secretary of De-
10 fense shall establish a database that is available to the
11 public of complaints relating to housing units under this
12 subchapter.

13 “(b) **FILING OF COMPLAINTS.—**The Secretary shall
14 ensure that a tenant of a housing unit under this sub-
15 chapter may file a complaint relating to such housing unit
16 for inclusion in the database under subsection (a).

17 “(c) **RESPONSE BY LANDLORD.—**(1) The Secretary
18 shall include in any contract with a landlord responsible
19 for a housing unit under this subchapter a requirement

1 that the landlord respond to any complaints included in
2 the database under subsection (a) that relate to the hous-
3 ing unit.

4 “(2) Any response under paragraph (1) shall be in-
5 cluded in the database under subsection (a).

6 **“§ 2888. Financial transparency**

7 “(a) AUDITS OF AGREEMENTS WITH PARTNERS.—

8 (1) Not less frequently than annually, the Comptroller
9 General of the United States, in accordance with best
10 audit practices, shall randomly select one small, medium,
11 and large military installation participating in the Military
12 Privatized Housing Initiative for the purposes of con-
13 ducting a full financial audit of the privatized housing
14 project or projects at each installation. The results of au-
15 dits conducted under this section shall be provided to the
16 Secretary of Defense and the Committees on Armed Serv-
17 ices of the Senate and the House of Representatives.

18 “(2) Audits conducted under paragraph (1) shall in-
19 clude an analysis, at a minimum, of the following:

20 “(A) Base management fees for managing the
21 housing units.

22 “(B) Incentive fees relating to the housing
23 units, including details on the following:

24 “(i) Metrics upon which such incentive fees
25 are paid.

1 “(ii) Whether incentive fees were paid in
2 full or withheld in part or in full during the
3 year covered by the publication, and if so, why.

4 “(C) Asset management fees relating to the
5 housing units.

6 “(D) Preferred return fees relating to the hous-
7 ing units.

8 “(E) Any deferred fees or other fees relating to
9 the housing units.

10 “(F) Residual cash flow distributions relating
11 to the housing units.

12 “(G) Provider’s financial relationship with and
13 use of subsidiaries and third parties to manage/im-
14 plement housing agreements.”.

15 (2) CLERICAL AMENDMENT.—The table of sec-
16 tions at the beginning of such subchapter is amend-
17 ed by inserting after the item relating to section
18 2886 the following new items:

 “2887. Complaint database.
 “2888. Financial transparency.”.

19 (b) ANNUAL REPORTS ON PRIVATIZED MILITARY
20 HOUSING.—Section 2884 of title 10, United States Code,
21 is amended by adding at the end the following new sub-
22 section:

23 “(d) ANNUAL REPORT ON HOUSING.—(1) Not less
24 frequently than annually, the Secretary of Defense shall

1 submit to the congressional defense committees and pub-
2 lish on a publicly available website of the Department of
3 Defense a report on housing units under this subchapter,
4 disaggregated by military installation.

5 “(2) Each report submitted under paragraph (1)
6 shall include the following:

7 “(A) An assessment of the condition of housing
8 units under this subchapter based on the average
9 age of those units and the estimated time until re-
10 capitalization.

11 “(B) An analysis of complaints of tenants of
12 such housing units.

13 “(C) An assessment of maintenance response
14 times and completion of maintenance requests relat-
15 ing to such housing units.

16 “(D) An assessment of dispute resolution relat-
17 ing to such housing units, which must include an
18 analysis of all denied tenant requests to withhold
19 rent payments, or where the dispute resolution proc-
20 ess resulted in a favorable outcome for the housing
21 provider.

22 “(E) An assessment of overall customer service
23 for tenants of such housing units.

1 “(F) A description of the results of any no-no-
2 tice housing inspections conducted for such housing
3 units.

4 “(G) The results of any resident surveys con-
5 ducted with respect to such housing units.”.



Log 354 R1

**Amendment to H.R. 2500
National Defense Authorization Act for Fiscal Year 2020**

Offered by: Dr. Abraham of Louisiana

In the appropriate place in the report to accompany H.R. 2500, insert the following new Directive Report Language:

Report on fiscal impacts of Intergovernmental Service Agreements

The committee is aware that many military installations have entered into Intergovernmental Service Agreements (IGSA). These IGSA's allow the Department of Defense and State or Local Governments to provide, receive, or share installation support services. The committee is also aware that many of these IGSA's have resulted in millions of dollars in cost savings to DoD. The savings realized by these agreements are not returned to the installation that has used them to reduce costs. Therefore, the committee directs the Secretary of Defense to submit a report to the House Committee on Armed Service by December 31, 2019, on the actual cost savings realized by IGSA's, the feasibility of returning a portion of the savings realized from IGSA's back to the installations, and the overall fiscal impact to the services of IGSA's.

AMENDMENT TO H.R. 2500

OFFERED BY MS. SHERRILL OF NEW JERSEY

(funding table amendment)

In section 4201 of division D, relating to research, development, test and evaluation, Navy, increase the amount for ship concept advanced design, Line 044, by \$5,000,000.

In section 4101 of division D, relating to procurement, Navy, reduce the amount for ship to shore connector, Line 024, by \$5,000,000.

Revised
Log 362 H

AMENDMENT TO H.R. 2500

OFFERED BY MR. THORNBERRY OF TEXAS

At the appropriate place in title VIII, insert the following new section:

1 **SEC. 8. IMPROVEMENTS TO CERTAIN DEFENSE INNOVA-**
2 **TION PROGRAMS.**

3 (a) ALIGNMENT OF THE SMALL BUSINESS INNOVA-
4 TION RESEARCH PROGRAM AND SMALL BUSINESS TECH-
5 NOLOGY TRANSFER PROGRAM OF THE DEPARTMENT OF
6 DEFENSE WITH THE NATIONAL DEFENSE SCIENCE AND
7 TECHNOLOGY STRATEGY.—

8 (1) IN GENERAL.—The Secretary of Defense
9 and Secretaries of the military departments shall, to
10 the extent practicable, align the research topics se-
11 lected for activities conducted under the Small Busi-
12 ness Innovation Research Program and Small Busi-
13 ness Technology Transfer Program (as defined
14 under section 9 of the Small Business Act (15
15 U.S.C. 638) with the National Defense Science and
16 Technology Strategy established under section 218
17 of the John. S. McCain National Defense Authoriza-
18 tion Act for Fiscal Year 2019 (Public Law 115–232;
19 132 Stat. 1679).

1 (2) USE OF NATIONAL DEFENSE SCIENCE AND
2 TECHNOLOGY STRATEGY TO DETERMINE RESEARCH
3 TOPICS.—Section 9 of the Small Business Act (15
4 U.S.C. 638) is amended—

5 (A) in subsection (g)(3)(B), by striking “,
6 in the 1992 report” and all that follows through
7 “that authority” and inserting “in the National
8 Defense Science and Technology Strategy es-
9 tablished under section 218 of the John. S.
10 McCain National Defense Authorization Act for
11 Fiscal Year 2019 (Public Law 115–232; 132
12 Stat. 1679)”; and

13 (B) in subsection (o)(3)(B), by striking “,
14 in accordance with section 2522 of title 10,
15 United States Code” and inserting “in the Na-
16 tional Defense Science and Technology Strategy
17 established under section 218 of the John. S.
18 McCain National Defense Authorization Act for
19 Fiscal Year 2019 (Public Law 115–232; 132
20 Stat. 1679)”.

21 (b) PILOT PROGRAM FOR DOMESTIC INVESTMENT
22 UNDER THE SBIR PROGRAM.—

23 (1) SENSE OF CONGRESS.—It is the sense of
24 Congress that the Administrator of the Small Busi-
25 ness Administration should promulgate regulations

1 to carry out the requirements under section 9(dd) of
2 the Small Business Act (15 U.S.C. 638(dd)) that—

3 (A) permit small business concerns that
4 are majority-owned by multiple venture capital
5 operating companies, hedge funds, or private
6 equity firms to participate in the SBIR pro-
7 gram in accordance with such section;

8 (B) provide specific information regarding
9 eligibility, participation, and affiliation rules to
10 such small business concerns; and

11 (C) preserve and maintain the integrity of
12 the SBIR program as a program for small busi-
13 ness concerns in the United States by prohib-
14 iting large entities or foreign-owned entities
15 from participation in the SBIR program.

16 (2) DOMESTIC INVESTMENT PILOT PROGRAM.—

17 (A) IN GENERAL.—Not later than 1 year
18 after the date of the enactment of this Act and
19 notwithstanding the requirements of section
20 9(dd) of the Small Business Act (15 U.S.C
21 638(dd)), the Secretary of Defense shall create
22 and administer a program to be known as the
23 “Domestic Investment Pilot Program” under
24 which the Secretary and the service acquisition
25 executive for each military department may

1 make a SBIR award to a small business con-
2 cern that is majority-owned by multiple United
3 States-owned venture capital operating compa-
4 nies, hedge funds, or private equity firms with-
5 out providing the written determination de-
6 scribed under paragraph (2) of such section
7 9(dd).

8 (B) LIMITATION.—The Secretary of De-
9 fense may award not more than 10 percent of
10 the funds allocated for the SBIR program of
11 the Department of Defense under section 9(f)
12 of the Small Business Act (15 U.S.C 638(f)) to
13 small business concerns that are owned in ma-
14 jority part by multiple venture capital operating
15 companies, hedge funds, or private equity firms
16 through competitive, merit-based procedures
17 that are open to all eligible small business con-
18 cerns.

19 (C) EVALUATION CRITERIA.—In carrying
20 out the Domestic Investment Pilot Program,
21 the Secretary of Defense may not use invest-
22 ment of venture capital or investment from
23 hedge funds or private equity firms as a cri-
24 terion for the award of contracts under the
25 SBIR program or STTR program.

1 (D) ANNUAL REPORTING.—The Secretary
2 of Defense shall include as part of each annual
3 report required under section 9(b)(7) of the
4 Small Business Act (15 U.S.C 638(9)(b)(7))
5)—

6 (i) information on the implementation
7 of the Domestic Investment Pilot Program;

8 (ii) the number of proposals received
9 from small business concerns that are ma-
10 jority-owned by multiple venture capital
11 operating companies, hedge funds, or pri-
12 vate equity firms for the Domestic Invest-
13 ment Pilot Program; and

14 (iii) the number of awards made to
15 such small business concerns.

16 (E) TERMINATION.—The Domestic Invest-
17 ment Pilot Program established under this sub-
18 section shall terminate on September 30, 2022.

19 (3) DEFINITIONS.—In this section:

20 (A) SBIR.—The term “SBIR” has the
21 meaning given in section 9(e) of the Small
22 Business Act (15 U.S.C 638(c)).

23 (B) SMALL BUSINESS ACT DEFINITIONS.—
24 The terms “small business concern”, “venture
25 capital operating company”, “hedge fund”, and

1 “private equity firm” have the meanings given
2 those terms, respectively, in section 3 of the
3 Small Business Act (15 U.S.C 632).

4 (c) CYBERSECURITY TECHNICAL ASSISTANCE FOR
5 SBIR AND STTR PROGRAMS.—

6 (1) IN GENERAL.—The Secretary of Defense
7 may enter into an agreement with 1 or more vendors
8 selected under section (9)(q)(2) of the Small Busi-
9 ness Act (15 U.S.C. 638(q)(2)) to provide small
10 business concerns engaged in SBIR or STTR
11 projects with cybersecurity technical assistance ,
12 such as access to a network of cybersecurity experts
13 and engineers engaged in designing and imple-
14 menting cybersecurity practices.

15 (2) AMOUNTS.—In carrying out paragraph (1),
16 the Secretary of Defense may provide the amounts
17 described under section (9)(q)(3) of such Act (15
18 U.S.C. 638(q)(3)) to a recipient that meets the eligi-
19 bility requirements under the applicable subpara-
20 graph, if the recipient requests to seek cybersecurity
21 technical assistance from an individual or entity
22 other than a vendor selected as described in para-
23 graph (1).

24 (d) PHASE 0 PROOF OF CONCEPT PARTNERSHIP
25 PROGRAM FOR THE DEPARTMENT OF DEFENSE.—Section

1 9(jj) of the Small Business Act (15 U.S.C. 638) is amend-
2 ed—

3 (1) in paragraph (1), by striking “The Director
4 of the National Institutes of Health” and inserting
5 “A covered agency head”;

6 (2) by striking “The Director” each place it ap-
7 pears and inserting “A covered agency head”;

8 (3) by striking “the Director” each place it ap-
9 pears and inserting “a covered agency head”;

10 (4) in paragraph (2)—

11 (A) by amending subparagraph (A) to read
12 as follows:

13 “(A) the term ‘covered agency head’
14 means—

15 “(i) with respect to the STTR pro-
16 gram of the National Institutes of Health,
17 the Director of the National Institutes of
18 Health; or

19 “(ii) with respect to the STTR pro-
20 gram of the Department of Defense, the
21 Secretary of Defense;” and

22 (B) in subparagraph (C), by striking “in
23 the National Institutes of Health’s STTR pro-
24 gram” and inserting “in either the STTR pro-
25 gram of the Department of Defense or the

1 STTR program of the National Institutes of
2 Health”; and

3 (5) in paragraph (4)(A), by inserting “partici-
4 pating in the STTR program administered by such
5 agency head” after “a qualifying institution”.

6 (e) MODIFICATION TO THE DEFENSE RESEARCH AND
7 DEVELOPMENT RAPID INNOVATION PROGRAM.—

8 (1) INCREASE TO FUNDING.—Section
9 2359a(b)(3) of title 10, United States Code, is
10 amended by striking “\$3,000,000” and inserting
11 “\$6,000,000”.

12 (2) REPORT.—Not later than 180 days after
13 the date of the enactment of this Act, the Secretary
14 of Defense shall submit to the congressional defense
15 committees a report on the program established
16 under section 2359a(b)(3) of title 10, United States
17 Code, (commonly known as the “Defense Research
18 and Development Rapid Innovation Program”),
19 which shall include—

20 (A) with respect to the two fiscal years
21 preceding the submission of the report—

22 (i) a description of the total number
23 of proposals funded under the program;

24 (ii) the percent of funds made avail-
25 able under the program for Small Business

1 Innovation Research Program projects;
2 and

3 (iii) a list of Small Business Innova-
4 tion Research Program projects that re-
5 ceived funding under the program that
6 were included in major defense acquisition
7 programs (as defined in section 2430 of
8 title 10, United States Code) and other de-
9 fense acquisition programs that meet crit-
10 ical national security needs; and

11 (B) an assessment on the effectiveness of
12 the program in stimulating innovation tech-
13 nologies, reducing acquisition or lifecycle costs,
14 addressing technical risk, and improving the
15 timeliness and thoroughness of test and evalua-
16 tion outcomes.

17 (f) ESTABLISHMENT OF JOINT RESERVE DETACH-
18 MENTS AT DEFENSE INNOVATION UNIT.—

19 (1) ESTABLISHMENT.—The Secretary of De-
20 fense, in consultation with the Secretaries of the
21 military departments, shall establish not fewer than
22 three joint reserve detachments (referred to in this
23 section as “Detachments”) at locations of the De-
24 fense Innovation Unit—

1 (A) to support engagement and collabora-
2 tion with commercial innovation hubs; and

3 (B) to accelerate the transition and adop-
4 tion of commercial technologies for national se-
5 curity purposes.

6 (2) COMPOSITION.—Each Detachment shall be
7 composed of members of the reserve components
8 who possess relevant private sector experience in the
9 fields of business, acquisition, intelligence, engineer-
10 ing, technology transfer, science, mathematics, con-
11 tracting, procurement, logistics, cyberspace security,
12 or such other fields as are determined to be relevant
13 by the Under Secretary of Defense for Research and
14 Engineering.

15 (3) RESPONSIBILITIES.—The Detachments
16 shall have the following responsibilities:

17 (A) Each Detachment shall provide the
18 Department of Defense with expertise, analysis,
19 alternatives for innovation, and opportunities
20 for greater engagement and collaboration be-
21 tween the defense innovation ecosystem and
22 commercial industry.

23 (B) Each Detachment shall, on an ongoing
24 basis—

1 (i) recruit, retain, and employ mem-
2 bers of the reserve components who pos-
3 sess relevant private sector experience, as
4 described in paragraph (2);

5 (ii) partner with the military services,
6 the combatant commands, and other De-
7 partment of Defense organizations to seek
8 and rapidly prototype advanced commercial
9 solutions while lowering the barrier to
10 entry to serve defense requirements;

11 (iii) increase awareness of—

12 (I) the technology portfolios of
13 the Defense Innovation Unit; and

14 (II) the technology requirements
15 of the Department of Defense as iden-
16 tified in the National Defense Science
17 and Technology Strategy developed
18 under section 218 of the John S.
19 McCain National Defense Authoriza-
20 tion Act for Fiscal Year 2019 (Public
21 Law 115–232; 132 Stat. 1679);

22 (iv) capitalize on the growing invest-
23 ment in research and development made by
24 the commercial industry in assessing and
25 maturing dual-use technologies; and

1 (v) carry out such other activities as
2 may be directed by the Under Secretary of
3 Defense for Research and Engineering.

4 (4) DEADLINE FOR ESTABLISHMENT OF DE-
5 TACHMENTS.—The Secretary of Defense shall en-
6 sure that—

7 (A) at least one Detachment is established
8 on or before October 1, 2020; and

9 (B) all three Detachments required under
10 subsection (a) are established on or before Oc-
11 tober 1, 2022.

12 (5) IMPLEMENTATION REPORT.—

13 (A) IN GENERAL.—Not later than 120
14 days after the date of the enactment of this
15 Act, the Under Secretary of Defense for Re-
16 search and Engineering shall submit to the con-
17 gressional defense committees a report that in-
18 cludes—

19 (i) an organizational plan for the De-
20 tachments;

21 (ii) the estimated costs of establishing
22 the Detachments;

23 (iii) a timeline specifying when each
24 Detachment will attain initial operational

1 capability and full operational capability,
2 respectively.

3 (B) CONSULTATION.—In preparing the re-
4 port required under subparagraph (A), the
5 Under Secretary of Defense for Research and
6 Engineering shall consult with the Director of
7 the Defense Innovation Unit and the head of
8 each military service.

9 (g) MODIFICATION TO DEPARTMENT OF DEFENSE
10 SBIR EXPENDITURES.—Section 9(f) of the Small Busi-
11 ness Act (15 U.S.C. 638(f)) is amended—

12 (1) in paragraph (1)(I), by inserting “, except
13 as provided in paragraph (5)” after “thereafter,”
14 and inserting “fiscal years 2017 through 2019;
15 and”; and

16 (2) by adding at the end the following new
17 paragraph:

18 “(5) REQUIRED EXPENDITURE AMOUNTS FOR
19 THE DEPARTMENT OF DEFENSE.—With respect to
20 fiscal year 2020 and each fiscal year thereafter,
21 paragraph (1)(I) shall apply to the Department of
22 Defense with ‘4.0 percent’ substituted for ‘3.2 per-
23 cent.’”.



AMENDMENT TO H.R. 2500
OFFERED BY MR. THORNBERRY OF TEXAS

At the appropriate place in title III, insert the following:

1 **SEC. 3 ____ . TIMELINE FOR CLEARINGHOUSE REVIEW OF AP-**
2 **PLICATIONS FOR ENERGY PROJECTS THAT**
3 **MAY HAVE AN ADVERSE IMPACT ON MILI-**
4 **TARY OPERATIONS AND READINESS.**

5 Section 183a(e)(1) of title 10, United States Code,
6 is amended by striking “60 days” and inserting “90
7 days”.



AMENDMENT TO H.R. 2500
OFFERED BY MR. THORNBERRY OF TEXAS

At the appropriate place in title III, insert the following:

1 **SEC. 3 ____ . AUTHORITY TO MAKE FINAL FINDING ON DES-**
2 **IGNATION OF GEOGRAPHIC AREAS OF CON-**
3 **CERN FOR PURPOSES OF ENERGY PROJECTS**
4 **WITH ADVERSE IMPACTS ON MILITARY OPER-**
5 **ATIONS AND READINESS.**

6 Section 183a(d)(2)(E) of title 10, United States
7 Code, is amended—

8 (1) by striking “or a Principal” and inserting
9 “a”; and

10 (2) by inserting “, an Assistant Secretary of
11 Defense, or a Deputy Assistant Secretary of De-
12 fense” after “Deputy Under Secretary of Defense”.

