<table>
<thead>
<tr>
<th>Log #</th>
<th>Sponsor</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>214</td>
<td>Langevin</td>
<td>This is an increase of $22,650,00 for Navy Railgun, decrease to the Strategic Capabilities Office.</td>
</tr>
<tr>
<td>220r1</td>
<td>Kelly</td>
<td>Create a SPACE-A travel category for Gold Star Families.</td>
</tr>
<tr>
<td>226</td>
<td>Abraham</td>
<td>Adds geographical diversification to the provisions &quot;Diversification of the Science, Technology, Research and engineering Workforce of the DOD.</td>
</tr>
<tr>
<td>256r1</td>
<td>Byrne</td>
<td>Ensures the SECNAV considers price a critical evaluation factor in the procurement of a frigate FFG(X).</td>
</tr>
<tr>
<td>286</td>
<td>Graves</td>
<td>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.</td>
</tr>
<tr>
<td>288r2</td>
<td>Courtney</td>
<td>Reduce funding by $3M in Other Procurement, Air Force, line 34 and increase funding by $3M in Army RDT&amp;E line 40 for medical technology for female servicemember high heat physiological research.</td>
</tr>
<tr>
<td>290</td>
<td>Courtney</td>
<td>Amends the application of miscellaneous technology base policies and programs to the Columbia-class submarine program.</td>
</tr>
<tr>
<td>292r1</td>
<td>Courtney</td>
<td>Reduce funding by $6M in Defense-wide RDT&amp;E line 41 and increase funding by $6M in Air Force RDT&amp;E line 28 for academic-industry partnerships for advanced aerospace materials research.</td>
</tr>
<tr>
<td>295</td>
<td>Trahan</td>
<td>Increase PEO604567N, line 134 by $10 million to retrofit one DDG 51 with the Advanced Conductor Degaussing Mine Protection System.</td>
</tr>
<tr>
<td>296</td>
<td>Trahan</td>
<td>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.</td>
</tr>
<tr>
<td>302r1</td>
<td>Moulton</td>
<td>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.</td>
</tr>
<tr>
<td>311</td>
<td>Gallego</td>
<td>Adjusts funding tables to HAC-D's plus up of $12.5M to Chemical &amp; Biological Defense Program, Applied Research, Line 015 for pathogen and microbiome analysis.</td>
</tr>
<tr>
<td>321r1</td>
<td>Houlahan</td>
<td>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.</td>
</tr>
<tr>
<td>327r1</td>
<td>Haaland</td>
<td>Requests a briefing on cost savings from reduction in use of single-use plastics.</td>
</tr>
<tr>
<td>338r1</td>
<td>DesJarlais</td>
<td>Would increase funding for advanced thermal protection systems by $5,000,000. The amendment would reduce funding for RDT&amp;E defense wide spending, line 041, by $5,000,000.</td>
</tr>
</tbody>
</table>

1 of 2
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<thead>
<tr>
<th>Log #</th>
<th>Sponsor</th>
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</thead>
<tbody>
<tr>
<td>339</td>
<td>Carbajal</td>
<td>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.</td>
</tr>
<tr>
<td>347r1</td>
<td>Haaland</td>
<td>Creating a public database for complaints related to housing units, revised annual audit for financial transparency, annual reporting on privatized housing conditions.</td>
</tr>
<tr>
<td>354r1</td>
<td>Abraham</td>
<td>DRL on intergovernmental service agreement with military installations that directs DOD to provide a report to HASC on the fiscal impacts of intergovernmental service agreements</td>
</tr>
<tr>
<td>356</td>
<td>Sherrill</td>
<td>Increase funding ($5M) for ship concept advanced design (Navy RDT&amp;E); decrease funding ($5M) for Ship-to-Shore Connector (Navy procurement). Amends Division D, sections 4201 and 4101.</td>
</tr>
<tr>
<td>362r1</td>
<td>Thornberry</td>
<td>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.</td>
</tr>
<tr>
<td>365</td>
<td>Thornberry</td>
<td>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.</td>
</tr>
<tr>
<td>368</td>
<td>Thornberry</td>
<td>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.</td>
</tr>
</tbody>
</table>
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.
AMENDMENT TO H.R. 2500
OFFERED BY MR. KELLY OF MISSISSIPPI

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

SEC. 6. SPACE-AVAILABLE TRAVEL ON MILITARY AIRCRAFT FOR CHILDREN AND SURVIVING SPOUSES OF MEMBERS WHO DIE OF HOSTILE ACTION OR TRAINING DUTY.

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

(1) by redesignating paragraph (6) as paragraph (7); and

(2) by inserting after paragraph (5) the following new paragraph (6):

"(6) Children (as described by section 1072(2)(D) or section 1110b(b) of this title, as the case may be) and surviving spouses of members of the armed forces who die as a result of hostile action 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 workforce and the operating costs of the workforce across various geographic regions.

   ☒
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 OF THE FFG(X) FRIGATE.

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

SEC. 10. SPECIAL FEDERAL AVIATION REGULATION WORKING GROUP.

(a) IN GENERAL.—Not later than 90 days after the date of the enactment of this Act, the Secretary of Defense, the Secretary of Transportation, and the Secretary of State, shall jointly establish a Special Federal Aviation Regulation (in this section referred to as the “SFAR”) interagency working group to review the current options for the Department of Defense to use contracted United States civil aviation to provide support for Department of Defense missions in areas where a Federal Aviation Administration SFAR is in effect.

(b) DUTIES.—The working group shall—

(1) analyze all options currently available for the Department of Defense to use contracted United States civil aviation to provide support for Department of Defense missions in areas where a Federal Aviation Administration SFAR is in effect;
(2) review existing processes of the Department of Defense, the Federal Aviation Administration, and the Department of State, with respect to the Department of Defense’s use of contracted United States civil aviation in areas where a Federal Aviation Administration SFAR is in effect;

(3) identify any issues, inefficiencies, or concerns with the existing options and processes, including safety of flight, legal considerations, mission delivery, and security considerations; and

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

(e) Members.—

(1) Appointment.—The Secretary of Defense, the Secretary of Transportation, and the Secretary of State shall each appoint not more than 5 members to the working group with expertise in civil aviation safety, state aircraft operations, the provision of contracted aviation support to the Department of Defense, and the coordination of such efforts between the Department of Defense, the De-
partment of State, and the Federal Aviation Administration. The 5 members appointed by the Secretary of Transportation shall include at least 3 members from the Federal Aviation Administration.

(2) QUALIFICATIONS.—All working group members shall be full-time employees of the Federal Government with appropriate security clearances to allow discussion of all classified information and materials necessary to fulfill the working group’s duties pursuant to subsection (b).

(d) REPORT.—Not later than 1 year after the date it is established, the working group shall submit a report on its findings and any recommendations developed pursuant to subsection (b) to the congressional defense committees, the Committee on Commerce, Science, and Transportation of the Senate, and the Committee on Transportation and Infrastructure of the House of Representatives.

(e) TERMINATION.—The working group shall terminate 90 days after the date the report is submitted under subsection (d).

(f) DEFINITIONS.—In this section the following definitions apply:

(1) The term “United States civil aviation” means—
(A) United States air carriers and United States commercial operators;

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

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

(2) The term "Federal Aviation Administration SFAR" means the Special Federal Aviation Regulation included under subpart M of part 91 of title 14, Code of Federal Regulations.
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 TECHNOLOGY BASE POLICIES AND PROGRAMS TO THE COLUMBIA-CLASS SUBMARINE PROGRAM.

2 Notwithstanding subchapter V of chapter 148 of title 10, United States Code (except for sections 2534, 2533a, and 2533b of such title), for a period of one year beginning on the date of the enactment of this Act, the milestone decision authority (as defined in section 2366a of title 10, United States Code) for the Columbia-class submarine program shall ensure that such program maintains the schedule approved under the Milestone B approval (as defined in such section).
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.
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.
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.
AMENDMENT TO H.R. 2500
OFFERED BY MR. MOULTON OF MASSACHUSETTS

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

SEC. 16. CYBER POSTURE REVIEW.

Section 1644 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91) is amended—

(1) in subsection (a), by inserting “, not later than December 31, 2022, and quadrennially thereafter,” before “conduct”;

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

(3) in subsection (c)—

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

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

(C) by inserting after paragraph (8) the following new paragraph:
“(9) An assessment of the potential costs, benefits, and value, if any, of establishing a cyber force as a separate uniformed service.”;

(4) in subsection (d)—

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

(B) in paragraph (2), by striking “The report” and inserting “Each report”; and

(C) by striking paragraph (3); and

(5) in subsection (e), by striking “period beginning on the date that is five years after the date of the enactment of this Act and ending on the date that is 10 years after such date of enactment” and inserting “each eight year period that begins from the date of each review conducted under subsection (a)”.

×
AMENDMENT TO H.R. 2500
OFFERED BY MR. GALLEGÓ
(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.
AMENDMENT TO H.R. 2500
OFFERED BY MS. HOULAHAN OF PENNSYLVANIA

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

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

(a) LIMITATION.—Of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2020 for procurement for the VH-92A helicopter, not more than 75 percent may be obligated or expended until the date on which the Secretary of Navy submits to the Committee on Armed Services of the House of Representatives the report required under subsection (b).

(b) REPORT REQUIRED.—The Secretary of the Navy shall submit to the Committee on Armed Services of the House of Representatives a report assessing the status of the VH-92A helicopter program industrial base and the potential impact of proposed manufacturing base changes on the acquisition program. The report shall include a description of—

(1) estimated effects on the manufacturing readiness level of the VH-92 program due to
planned changes to the program manufacturing base;

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

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

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

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

SEC. 5. TIME REQUIREMENTS FOR CERTIFICATION OF HONORABLE SERVICE.

Upon the submission to the Secretary of a military department or a designated commissioned officer serving in the pay grade O-6 or higher by a member of the Armed Forces of a completed United States Citizenship and Immigration Services Form N-426, the Secretary or the Officer shall—

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

(2) in the case of a member of the Armed Forces who has served or is serving honorably in a Reserve Component of the Armed Forces, provide such certification by not later than three weeks from receiving the form; and
(3) in the case of a member of the Armed Forces whose service has been other than honorable, provide to the member notice that a certification of honorable service will not be provided and justification for why such certification will not be provided—

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

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

2 (a) COMPLAINT DATABASE AND FINANCIAL TRANSPARENCY.—

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

4 “§ 2887. Complaint database

5 “(a) DATABASE REQUIRED.—The Secretary of Defense shall establish a database that is available to the public of complaints relating to housing units under this subchapter.

6 “(b) FILING OF COMPLAINTS.—The Secretary shall ensure that a tenant of a housing unit under this subchapter may file a complaint relating to such housing unit for inclusion in the database under subsection (a).

7 “(c) RESPONSE BY LANDLORD.—(1) The Secretary shall include in any contract with a landlord responsible for a housing unit under this subchapter a requirement
that the landlord respond to any complaints included in
the database under subsection (a) that relate to the hous-
ing unit.

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

"§2888. Financial transparency

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

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

"(A) Base management fees for managing the
housing units.

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

"(i) Metrics upon which such incentive fees
are paid.
“(ii) Whether incentive fees were paid in full or withheld in part or in full during the year covered by the publication, and if so, why.

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

“(D) Preferred return fees relating to the housing units.

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

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

“(G) Provider’s financial relationship with and use of subsidiaries and third parties to manage/implement housing agreements.”.

(2) Clerical Amendment.—The table of sections at the beginning of such subchapter is amended by inserting after the item relating to section 2886 the following new items:

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

(b) Annual Reports on Privatized Military Housing.—Section 2884 of title 10, United States Code, is amended by adding at the end the following new subsection:

“(d) Annual Report on Housing.—(1) Not less frequently than annually, the Secretary of Defense shall
submit to the congressional defense committees and publish on a publicly available website of the Department of Defense a report on housing units under this subchapter, disaggregated by military installation.

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

“(A) An assessment of the condition of housing units under this subchapter based on the average age of those units and the estimated time until recapitalization.

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

“(C) An assessment of maintenance response times and completion of maintenance requests relating to such housing units.

“(D) An assessment of dispute resolution relating to such housing units, which must include an analysis of all denied tenant requests to withhold rent payments, or where the dispute resolution process resulted in a favorable outcome for the housing provider.

“(E) An assessment of overall customer service for tenants of such housing units.
“(F) A description of the results of any no-notice housing inspections conducted for such housing units.

“(G) The results of any resident surveys conducted with respect to such housing units.”
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 IGSAs 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 ISGAs 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 IGSAs, the feasibility of returning a portion of the savings realized from IGSAs back to the installations, and the overall fiscal impact to the services of IGSAs.
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.
AMENDMENT TO H.R. 2500
OFFERED BY MR. THORNBERRY OF TEXAS

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

SEC. 8. IMPROVEMENTS TO CERTAIN DEFENSE INNOVATION PROGRAMS.

(a) ALIGNMENT OF THE SMALL BUSINESS INNOVATION RESEARCH PROGRAM AND SMALL BUSINESS TECHNOLOGY TRANSFER PROGRAM OF THE DEPARTMENT OF DEFENSE WITH THE NATIONAL DEFENSE SCIENCE AND TECHNOLOGY STRATEGY.—

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

(A) in subsection (g)(3)(B), by striking "in the 1992 report" and all that follows through "that authority" and inserting "in the National Defense Science and Technology Strategy established under section 218 of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Public Law 115–232; 132 Stat. 1679)"; and


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

(1) SENSE OF CONGRESS.—It is the sense of Congress that the Administrator of the Small Business Administration should promulgate regulations
to carry out the requirements under section 9(dd) of
the Small Business Act (15 U.S.C. 638(dd)) that—

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

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

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

(2) DOMESTIC INVESTMENT PILOT PROGRAM.—

(A) IN GENERAL.—Not later than 1 year
after the date of the enactment of this Act and
notwithstanding the requirements of section
9(dd) of the Small Business Act (15 U.S.C
638(dd)), the Secretary of Defense shall create
and administer a program to be known as the
"Domestic Investment Pilot Program" under
which the Secretary and the service acquisition
executive for each military department may
make a SBIR award to a small business concern that is majority-owned by multiple United States-owned venture capital operating companies, hedge funds, or private equity firms without providing the written determination described under paragraph (2) of such section 9(dd).

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

(C) EVALUATION CRITERIA.—In carrying out the Domestic Investment Pilot Program, the Secretary of Defense may not use investment of venture capital or investment from hedge funds or private equity firms as a criterion for the award of contracts under the SBIR program or STTR program.
(D) ANNUAL REPORTING.—The Secretary of Defense shall include as part of each annual report required under section 9(b)(7) of the Small Business Act (15 U.S.C. 638(9)(b)(7))—

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

(ii) the number of proposals received from small business concerns that are majority-owned by multiple venture capital operating companies, hedge funds, or private equity firms for the Domestic Investment Pilot Program; and

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

(E) TERMINATION.—The Domestic Investment Pilot Program established under this subsection shall terminate on September 30, 2022.

(3) DEFINITIONS.—In this section:

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

(B) SMALL BUSINESS ACT DEFINITIONS.—The terms “small business concern”, “venture capital operating company”, “hedge fund”, and
"private equity firm" have the meanings given to those terms, respectively, in section 3 of the Small Business Act (15 U.S.C 632).

(c) Cybersecurity Technical Assistance for SBIR and STTR Programs.—

(1) In general.—The Secretary of Defense may enter into an agreement with 1 or more vendors selected under section (9)(q)(2) of the Small Business Act (15 U.S.C. 638(q)(2)) to provide small business concerns engaged in SBIR or STTR projects with cybersecurity technical assistance, such as access to a network of cybersecurity experts and engineers engaged in designing and implementing cybersecurity practices.

(2) Amounts.—In carrying out paragraph (1), the Secretary of Defense may provide the amounts described under section (9)(q)(3) of such Act (15 U.S.C. 638(q)(3)) to a recipient that meets the eligibility requirements under the applicable subparagraph, if the recipient requests to seek cybersecurity technical assistance from an individual or entity other than a vendor selected as described in paragraph (1).

(d) Phase 0 Proof of Concept Partnership Program for the Department of Defense.—Section
9(jj) of the Small Business Act (15 U.S.C. 638) is amended—

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

(2) by striking “The Director” each place it appears and inserting “A covered agency head”;

(3) by striking “the Director” each place it appears and inserting “a covered agency head”;

(4) in paragraph (2)—

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

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

“(i) with respect to the STTR program of the National Institutes of Health, the Director of the National Institutes of Health; or

“(ii) with respect to the STTR program of the Department of Defense, the Secretary of Defense;”;

(B) in subparagraph (C), by striking “in the National Institutes of Health’s STTR program” and inserting “in either the STTR program of the Department of Defense or the
STTR program of the National Institutes of Health”; and

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

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

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

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

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

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

(ii) the percent of funds made available under the program for Small Business
Innovation Research Program projects;

and

(iii) a list of Small Business Innovation Research Program projects that received funding under the program that were included in major defense acquisition programs (as defined in section 2430 of title 10, United States Code) and other defense acquisition programs that meet critical national security needs; and

(B) an assessment on the effectiveness of the program in stimulating innovation technologies, reducing acquisition or lifecycle costs, addressing technical risk, and improving the timeliness and thoroughness of test and evaluation outcomes.

(f) Establishment of Joint Reserve Detachments at Defense Innovation Unit.—

(1) Establishment.—The Secretary of Defense, in consultation with the Secretaries of the military departments, shall establish not fewer than three joint reserve detachments (referred to in this section as “Detachments”) at locations of the Defense Innovation Unit—
(A) to support engagement and collaboration with commercial innovation hubs; and

(B) to accelerate the transition and adoption of commercial technologies for national security purposes.

(2) COMPOSITION.—Each Detachment shall be composed of members of the reserve components who possess relevant private sector experience in the fields of business, acquisition, intelligence, engineering, technology transfer, science, mathematics, contracting, procurement, logistics, cyberspace security, or such other fields as are determined to be relevant by the Under Secretary of Defense for Research and Engineering.

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

(A) Each Detachment shall provide the Department of Defense with expertise, analysis, alternatives for innovation, and opportunities for greater engagement and collaboration between the defense innovation ecosystem and commercial industry.

(B) Each Detachment shall, on an ongoing basis—
(i) recruit, retain, and employ members of the reserve components who possess relevant private sector experience, as described in paragraph (2);

(ii) partner with the military services, the combatant commands, and other Department of Defense organizations to seek and rapidly prototype advanced commercial solutions while lowering the barrier to entry to serve defense requirements;

(iii) increase awareness of—

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

(II) the technology requirements of the Department of Defense as identified in the National Defense Science and Technology Strategy developed under section 218 of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Public Law 115–232; 132 Stat. 1679);

(iv) capitalize on the growing investment in research and development made by the commercial industry in assessing and maturing dual-use technologies; and
(v) carry out such other activities as may be directed by the Under Secretary of Defense for Research and Engineering.

(4) **Deadline for Establishment of Detachments.**—The Secretary of Defense shall ensure that—

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

(B) all three Detachments required under subsection (a) are established on or before October 1, 2022.

(5) **Implementation Report.**—

(A) **In General.**—Not later than 120 days after the date of the enactment of this Act, the Under Secretary of Defense for Research and Engineering shall submit to the congressional defense committees a report that includes—

(i) an organizational plan for the Detachments;

(ii) the estimated costs of establishing the Detachments;

(iii) a timeline specifying when each Detachment will attain initial operational
capability and full operational capability, respectively.

(B) CONSULTATION.—In preparing the report required under subparagraph (A), the Under Secretary of Defense for Research and Engineering shall consult with the Director of the Defense Innovation Unit and the head of each military service.

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

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

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

“(5) REQUIRED EXPENDITURE AMOUNTS FOR THE DEPARTMENT OF DEFENSE.—With respect to fiscal year 2020 and each fiscal year thereafter, paragraph (1)(I) shall apply to the Department of Defense with ‘4.0 percent’ substituted for ‘3.2 percent’.”.
AMENDMENT TO H.R. 2500
OFFERED BY MR. THORNBERY OF TEXAS

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

1 SEC. 3. TIMELINE FOR CLEARINGHOUSE REVIEW OF APPLICATIONS FOR ENERGY PROJECTS THAT MAY HAVE AN ADVERSE IMPACT ON MILITARY OPERATIONS AND READINESS.

2 Section 183a(e)(1) of title 10, United States Code, is amended by striking "60 days" and inserting "90 days".
AMENDMENT TO H.R. 2500
OFFERED BY MR. THORNBERRY OF TEXAS

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

SEC. 3. AUTHORITY TO MAKE FINAL FINDING ON DESIGNATION OF GEOGRAPHIC AREAS OF CONCERN FOR PURPOSES OF ENERGY PROJECTS WITH ADVERSE IMPACTS ON MILITARY OPERATIONS AND READINESS.

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

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

(2) by inserting “an Assistant Secretary of Defense, or a Deputy Assistant Secretary of Defense” after “Deputy Under Secretary of Defense”.

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