

## SUBCOMMITTEE ON READINESS EN BLOC #2

LOG ID	REV	MEMBER	MARKUP LOC	DESCRIPTION	MARKUP ACT
4113	0	Luttrell, Morgan	RDY	Naval Air Systems Command Fleet Readiness Centers Maintenance Repair and Overhaul Analytics	EB 2
4119	0	Kim, Andy	RDY	Notification requirement from the Secretary of the military department that has jurisdiction over such project to any applicable member of Congress no later than 30 days after the date of award of a contract for a military construction project.	EB 2
4135	0	Vasquez, Gabe	RDY	This language makes revises section 10 USC 222e to clarify the requirements for submitting unfunded priorities for military construction.	EB 2
4138	0	Stefanik, Elise	RDY	This DRL requires DoD to brief on Waste to Energy Inclined Rotary Gasifier Technology.	EB 2
4139	2	Slotkin, Elissa	RDY	Briefing on opportunities to leverage proven commercial-off-the-shelf technology to mitigate contested logistics risks in Army Ground Vehicles.	EB 2
4148	2	Slotkin, Elissa	RDY	Requires DoD to procure cleaning products, as identified by the Safer Choice program, to the maximum extent practicable	EB 2
4171	1	Jackson (TX), Ronny	RDY	Directs a briefing on how predictive analytics will be utilized as part of Airman Development Command.	EB 2
4177	0	Garamendi, John	RDY	Report with data-driven rationale for limiting heating, ventilation, and air conditioning chiller competition.	EB 2
4192	1	Garamendi, John	RDY	Report on the Army prepositioned stock afloat.	EB 2
4193	3	Garamendi, John	RDY	Report on the status of the land transfer request to East Bay Regional Park District	EB 2
4198	2	Garamendi, John	RDY	The Defense Logistics Agency Working Capital Fund in a Conflict Scenario	EB 2
4207	0	Garamendi, John	RDY	F-35 Comptroller General review extension and addition of sustainment considerations.	EB 2
4228	2	Garamendi, John	RDY	Report on status of F-35 joint program office to system program office construct for sustainment.	EB 2

LOG ID	REV	MEMBER	MARKUP LOC	DESCRIPTION	MARKUP ACT
4238	1	Sherrill, Mikie	RDY	Requires DoD to assess encroachment on military training activities and aviation safety due to light pollution	EB 2
4257	1	Veasey, Marc	RDY	Directs Secretary of the Navy to brief on current Navy and Marine Corps maintenance operations, evaluating the effectiveness of calendar-based maintenance and potential benefits of digital twin technologies, including cost savings, increased readiness, and improvements.	EB 2
4261	0	Sherrill, Mikie	RDY	Requires the DOD to conduct a study on the training and equipment of firefighter Rapid Intervention Teams (RITs) on DOD military facilities, to ensure that such teams have up-to-date training and equipment on different crisis scenarios including port facility fires.	EB 2
4283	2	Sherrill, Mikie	RDY	Directs the Office of the Asst. Secretary of Defense for Energy, Installations, and Environment to provide a briefing on updates from the PFAS Task Force as well as whether advanced simulation modeling is utilized for PFAS research.	EB 2
4321	1	Mills, Cory	RDY	Directs Department of Defense to prioritize zero water laboratory systems and provide a report on the implementation.	EB 2
4322	0	Vasquez, Gabe	RDY	DRL to include quality of life infrastructure such as housing and schools into the list of RDTE infrastructure in the WSMR report language.	EB 2
4330	1	Golden, Jared F.	RDY	This directs the Secretary of the Army to work with the Secretary of the Navy to report to the committee on the planning and resources needed to ensure that the Kennebec River is properly dredged to ensure the readiness of newly built Naval warships.	EB 2
4333	2	Norcross, Donald	RDY	Briefing from Army on update to Rapid Fielding Initiative equipment list.	EB 2
4335	2	Houlahan, Chrissy	RDY	DRL directing a HASC briefing on DoD efforts to improve indoor environmental conditions in military housing and buildings.	EB 2
4356	0	Jackson (TX), Ronny	RDY	Highlights the needs of helium and directs a briefing on the helium supply. Recognizes the transfer of the Federal Helium Reserve in the Texas Panhandle.	EB 2
4376	2	Graves, Sam	RDY	Prohibits DoD from waiving their safety and security requirements for truck drivers and motor carriers that transport munitions for the Department.	EB 2
4404	2	Waltz, Michael	RDY	Deep Immersion Virtual Reality Training Development	EB 2
4415	1	Lamborn, Doug	RDY	Report on improving the safety and effectiveness of Army training at the Pinon Canyon Maneuver Site, Colorado	EB 2

LOG ID	REV	MEMBER	MARKUP LOC	DESCRIPTION	MARKUP ACT
4433	2	McClellan, Jennifer L.	RDY	Requires DoD to brief HASC on its strategy to comply with the recently announced PFAS Maximum Contaminant Levels announced by the EPA to reduce and prevent PFAS contamination of drinking water.	EB 2
4438	0	Moylan, Jim	RDY	INDOPACOM Minor MILCON Authorities expansion	EB 2
4465	2	Sherrill, Mikie	RDY	Directs SecDef to provide a briefing on the Corps' efforts to train and equip the force with advanced construction technologies, including 3D printing of concrete and other structural materials.	EB 2
4471	1	Kiggans, Jennifer A.	RDY	Requires the Secretary of Defense to provide a briefing on the cost-savings from the base sustainment arrangements under the current Enhanced Defense Cooperation Agreement with the Republic of Poland.	EB 2
4488	3	Gallego, Ruben	RDY	DRL on U.S. logistical supply chain challenges in Southeast Europe.	EB 2
4490	1	Bacon, Don	RDY	Direct a briefing on Air Force unaccompanied housing shortfalls	EB 2
4501	2	Kiggans, Jennifer A.	RDY	Requires a report from the Secretary of Defense on the impact of creating a Military Occupational Specialty or Service Designation relating to Additive Manufacturing.	EB 2
4506	1	Luttrell, Morgan	RDY	Hardened Infrastructure on Guam	EB 2
4509	1	McClellan, Jennifer L.	RDY	Requires DoD to brief HASC on the cost associated with extreme weather imposed damage on military facilities.	EB 2
4514	1	McClellan, Jennifer L.	RDY	Amends DRL on Department of Defense Flood Mapping to include evaluation of compound flood risks in that briefing to HASC.	EB 2
4521	1	Moulton, Seth	RDY	Expedite military construction projects on Guam by adopting revised procedures for property categorized as low or medium risk for containing munitions of explosive concern	EB 2
4532	0	Scott, Austin	RDY	DRL: Directs the Secretary of Defense to provide a briefing to HASC on the status of Military Working Dog facilities across DOD that will identify any issues with current facilities and the timeline and funding to mitigate those issues.	EB 2
4533	1	Slotkin, Elissa	RDY	Direct USD(P&R) to establish military families playground pilot program to design, develop, and construct playgrounds that directly support families enrolled in the Exceptional Family Member Program to increase accessibility and inclusivity of access to playgrounds on U.S. bases	EB 2

LOG ID	REV	MEMBER	MARKUP LOC	DESCRIPTION	MARKUP ACT
4586	0	Luttrell, Morgan	RDY	Cold Weather Layering System Research and Development	EB 2
4587	1	DesJarlais, Scott	RDY	Directs the Secretary of the Air Force to brief the Committee on all base selections for the KC-46 made to date, and to strictly adhere to basing criteria for future decisions.	EB 2
4593	0	Deluzio, Christopher R.	RDY	Requires the Joint Safety Council to review GAO reports on addressing service member fatigue and requires a briefing on steps to address the GAO's findings.	EB 2
4594	0	Jacobs, Sara	RDY	LANGUAGE FOR PERMANENT AUTHORIZATION OF DISTRIBUTION SUPPORT AND SERVICES FOR CONTRACTORS PROGRAM	EB 2
4599	1	Sewell, Terri A.	RDY	This bill language prohibits DoD from contracting with a fuel service provider that has a financial conflict of interest in the fuel network.	EB 2
4621	0	Waltz, Michael	RDY	Market Survey of Domestic Suppliers of Sand and Gravel for Marine Concrete	EB 2

## **Amendment to H.R. 8070**

### **Offered by: Mr. Luttrell of Texas**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **Naval Air Systems Command Fleet Readiness Centers Maintenance Repair and Overhaul Analytics**

The Navy's aging, diverse fleet of aircraft is a challenge for Navy Fleet Readiness Centers (FRCs). Unlike aircraft manufacturing, repair and overhaul involve significant uncertainty in the scope of work and the sequence of work. Uncertainty in repair cycles challenges FRC administration. This increases turnaround time and repair costs across all fleets of aircraft and reduces aircraft availability (readiness) in the fleet. The committee supports Naval Air Systems Command's use of maintenance, repair and overhaul related predictive analytics simulations to achieve improvements in depot efficiency and aircraft readiness. Therefore, the committee directs the Secretary of the Navy to provide a briefing to the House Committee on Armed Services not later than March 1, 2025, on progress and plans to expand existing predictive analytics capabilities across the FRC Enterprise.

**AMENDMENT TO H.R. 8070**  
**OFFERED BY MR. KIM OF NEW JERSEY**

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

1 **SEC. 28 \_\_\_\_ . NOTIFICATION TO MEMBERS OF CONGRESS**  
2 **FOR AWARDS OF CONTRACTS FOR MILITARY**  
3 **CONSTRUCTION PROJECTS.**

4 (a) NOTIFICATION REQUIRED.—Not later than 30  
5 days after the date of award of a contract for a military  
6 construction project, the Secretary of the military depart-  
7 ment that has jurisdiction over such project shall notify  
8 any applicable Member of Congress representing the  
9 State—

10 (1) in which such contract will be performed; or

11 (2) for which the contractor awarded such con-  
12 tract is a constituent of such Member.

13 (b) ELEMENTS.—A notification under subsection (a)  
14 shall include the following:

15 (1) The proposed value of the contract.

16 (2) The contractor awarded the contract.

- 1           (3) A brief description of the project that is the
- 2           subject of the contract, including the location in
- 3           which the contract will be performed.



**AMENDMENT TO H.R. 8070**  
**OFFERED BY MR. VASQUEZ OF NEW MEXICO**

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

1 **SEC. 2\_\_\_. MODIFICATION TO ANNUAL REPORT ON UN-**  
2 **FUNDED PRIORITIES OF THE UNDER SEC-**  
3 **RETARY OF DEFENSE FOR RESEARCH AND**  
4 **ENGINEERING.**

5 The second section 222e of title 10, United States  
6 Code, is amended—

7 (1) in subsection (a), by striking “the Secretary  
8 of Defense shall” and inserting “the Secretary of  
9 Defense, after coordinating with the Secretaries of  
10 the military departments, shall”; and

11 (2) in subsection (e)—

12 (A) in paragraph (1), by striking “and” at  
13 the end;

14 (B) in paragraph (2), by striking the pe-  
15 riod at the end and inserting “; and”; and

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



2

1           “(3) in the case of military construction project,  
2           has reached a stage of planning and design that is  
3           sufficient to support a reliable cost estimate.”.



## **Amendment to H.R. 8070**

**Offered by: Ms. Stefanik**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### **Waste to a Liquid Fuel for the Department of Defense**

The committee recognizes the importance of the development of trash to liquid fuel technology to eliminate the need for burn pits as well as generating a fuel that can be used by ships, generators, and vehicles. Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services, not later than December 1, 2024, on the Waste to Energy Inclined Rotary Gasifier technology. The briefing shall include:

- (1) an assessment of the usefulness of Waste to Energy Inclined Rotary Gasifier technology; and
- (2) the current stage of testing for the Inclined Rotary Gasifier Waste to Energy.

## Amendment to H.R. 8070

**Offered by: Ms. Elissa Slotkin**

In the appropriate place in the report to accompany H.R. 8070, insert the following:

### Briefing on Mitigating Contested Logistics Risks in Army Ground Vehicles

The committee notes the diverse operational roles of the tactical wheeled vehicle fleet, including disaster response, expeditionary force projection, and air defense missions. To accomplish these missions and to address the power gap that exists in tactical formations given the proliferation of energy dependent soldier kit and systems, enhancement of onboard power capabilities is critical. The committee further recognizes that robust onboard power systems enhance operational capability through silent drive and silent watch, carry low electronic signatures, and reduce detectability – all while increasing exportable power, reducing fuel demand, extending vehicle range and mission duration. This results in enhanced soldier capability, reduced logistical burdens, and safer transport.

The committee recognizes that leveraging proven commercial-off-the-shelf technology for hybrid-electric drive systems has the potential to significantly enhance the tactical wheeled vehicle operational performance, reduce research and development costs, and prolong operational on-station time duration with fewer maintenance requirements. The committee notes that hybrid systems still leverage existing fuel infrastructure, augment the fleet's ability to transport equipment and supplies, improve protection for personnel and mission-critical equipment, and reduce acoustic and thermal signatures. These measures increase lethality in covert and stealth operations. The committee encourages the Army to continue pursuit of hybrid propulsion technologies in future tactical vehicle procurement.

Therefore, the committee directs the Secretary of the Army to provide a briefing to the House Committee on Armed Services not later than February 1, 2025, assessing opportunities that leverage proven commercial-off-the-shelf technology for hybrid electric drive systems that enhances tactical wheeled vehicle operational performance and reduces research and development cost and prolongs operational durations with fewer maintenance requirements.

**AMENDMENT TO H.R. 8070**  
**OFFERED BY MS. SLOTKIN OF MICHIGAN**

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

1 **SEC. 8 \_\_\_\_. PROCUREMENT OF CLEANING PRODUCTS.**

2       The Secretary shall, to the maximum extent prac-  
3 ticable, only procure cleaning products that are identified  
4 by—

5           (1) the Safer Choice program; or

6           (2) an independent third-party organization  
7 that provides certifications in a manner consistent  
8 with the Safer Choice program.



**Amendment to H.R. 8070**  
**National Defense Authorization Act for Fiscal Year 2025**

**Offered by: Mr. Jackson of Texas**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

Airman Development Command Predictive Analytics

The committee supports efforts by the Department of the Air Force to utilize predictive analytics simulations to achieve improvements in aircrew and technical training production and to support the integration of the next generation of fighter and trainer aircraft. The committee is aware that Air Education and Training Command will be redesignated as Airman Development Command to become the enterprise-wide integrator for Airman development, training, and education. The committee believes that the use of predictive analytics has produced cost savings and efficiencies throughout Air Education and Training Command.

Therefore, to ensure a continuation of cost savings and efficiencies during the redesignation, the committee directs the Secretary of the Air Force to provide a briefing to the House Committee on Armed Services not later than January 31, 2025, on the plan for integration of predictive analytics as part of Airman Development Command. The briefing shall include:

- (1) methods by which data analytics can be utilized to improve efficiency in fighter and trainer aircraft squadrons; and
- (2) an identification of how such methods can provide support for training at technical training installations.

## **Amendment to H.R. 8070**

**Offered by: Mr. John Garamendi of California**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

**Report on Heating, Ventilation, and Air Conditioning Chiller Replacement  
Standardization Project Lifecycle Cost Analysis**

The committee acknowledges the potential positive impacts from the Air Force Civil Engineering Center (AFCEC) class justification and authorization for other than full and open competition as part of the heating, ventilation, and air conditioning chiller replacement standardization project. However, the committee finds it imperative that decisions to limit full and open competition are grounded in data and metrics which justify the decision. Therefore, the committee directs the Assistant Secretary of Defense for Energy, Installations, and Environment to submit a briefing to House Committee on Armed Services by December 31, 2024, on the rationale for class justification and authorization for other than full and open competition to include a total cost to own analysis for heating, ventilation, and air conditioning chiller replacement standardization project.

## Amendment to H.R. 8070

**Offered by: Mr. John Garamendi of California**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### Report on Army Prepositioned Stock

The committee recognizes that the Army is considering options to optimize survivability and availability of critical assets for contested logistics in the Indo-Pacific theater. Therefore, the committee directs the Secretary of the Army, in coordination with the Commander of United States Indo-Pacific Command to submit a report to the House Committee on Armed Services by December 31, 2024, on Army Prepositioned Stock – Three (APS-3). The report shall include:

- (1) a description of the risks and benefits comparing mobile Army Prepositioned Stocks afloat to fixed-site Army Prepositioned Stocks on land;
- (2) a timeline for implementation;
- (3) potential onshore site locations;
- (4) cost comparison of onshore and afloat options in the Indo-Pacific theater;
- (5) authorities and actions that would be required for any onshoring decision;
- (6) an analysis of the long-term operational and capability impacts of decommissioning APS-3 ships to a reduced operating status, relocating afloat stock ashore, and eliminating ready-to-sail vessels in the Indo-Pacific area of responsibility;
- (7) the transition plan for the current Military Sealift Command controlled ships to include cost to transfer and long-term sustainment and maintenance implications; and
- (8) a description of the risks associated with relying on Department of Transportation Maritime Administration ships with a minimum five-day activation standard to quickly respond to operational areas and support ground forces if needed for long-term operations.

## Amendment to H.R. 8070

Offered by: Mr. John Garamendi of California

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### Report on the status of Land transfer to East Bay Regional Park District

The committee is aware of concerns about the timeline for transfer of the former Oakland, California Army Base property to the East Bay Regional Park District. Therefore, the committee directs the Secretary of the Army to provide a briefing to the House Committee on Armed Services not later than December 31, 2024, on the following:

- (1) the current status of the cleanup efforts;
- (2) the timeline for completion of cleanup and transfer;
- (3) opportunities for the cleanup and transfer of certain partials on a more rapid timeline; and
- (4) obstacles to completion of the transfer and clean up in whole or in part.



## **Amendment to H.R. 8070**

### **Offered by: Mr. John Garamendi of California**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **The Defense Logistics Agency Working Capital Fund in a Conflict Scenario**

The committee notes the effectiveness of the Defense Logistics Agency's (DLA) Working Capital Fund (WCF) in providing the military services with components of critical weapons systems. The WCF functions through a revolving fund, which allows sales to fund operating costs and protects operations from interruptions in the annual appropriations process. Through the WCF, DLA is tasked with managing the supply chain and ensuring incentives are aligned to keep components in production and available to the services in a timely manner. DLA's continued efforts and outreach with the defense industrial base and small businesses have ensured the military services have mission critical components needed to conduct global operations.

The committee notes the WCF has been instrumental in peacetime operations. However, the committee is concerned that the revolving fund may not be the right funding model to ensure the military services are prepared for a conflict scenario. For example, the committee notes Class IX military-unique repair parts required for maintenance often require long production times and are the least agile in surges in capacity. Under the WCF model, however, the military services are incentivized to purchase what is needed in the short-term, at the expense of what may be needed to position the services to have ample supply of Class IX components in a contingency. The committee notes that while DLA has worked with the military services to better predict mission critical component needs, including how production lead times can influence delivery, DLA and the services do not have a plan to reconcile the WCF model with requirements in a contested environment.

Therefore, the committee directs the Secretary of Defense, in coordination with the Joint Staff and the Assistant Secretary of Defense for Sustainment, to provide a briefing to the House Committee on Armed Services on the following not later than April 1, 2025:

(1) the efficacy of the WCF model in ensuring services are prepared for a conflict scenario in a contested environment with prepositioned parts and equipment;

(2) the risks faced by military services with Class IX parts in a conflict scenario; and

(3) a potential alternative model for funding Class IX weapons.

**AMENDMENT TO H.R. 8070**  
**OFFERED BY MR. GARAMENDI OF CALIFORNIA**

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

1 **SEC. 3\_\_\_. MODIFICATIONS TO COMPTROLLER GENERAL**  
2 **ANNUAL REVIEWS OF F-35 SUSTAINMENT EF-**  
3 **FORTS.**

4 Section 357 of the National Defense Authorization  
5 Act for Fiscal Year 2022 (Public Law 117–81) is amend-  
6 ed—

7 (1) in subsection (a)—

8 (A) in the matter preceding paragraph (1),  
9 by striking “2022, 2023, 2024, and 2025” and  
10 inserting “2025, 2026, and 2027”;

11 (B) in paragraph (1)—

12 (i) by striking “(including” and in-  
13 serting “, which may include”; and

14 (ii) by striking the closing paren-  
15 thesis;

16 (C) in paragraph (2), by striking “ as a re-  
17 sult of such review”; and

18 (2) in subsection (b) by striking “of the fol-  
19 lowing:” and all that follows through the period at

1 the end of paragraph (4) and inserting “of matters  
2 regarding the sustainment or affordability of the F-  
3 35 Lighting II aircraft program that the Comp-  
4 troller General, after consulting with staff from the  
5 Committees on Armed Services of the House of Rep-  
6 resentatives and the Senate, determines to be of crit-  
7 ical importance to the long-term viability of such  
8 program.”.



## **Amendment to H.R. 8070**

### **Offered by: Mr. John Garamendi of California**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **Report on the F-35 Joint Program Office Transition**

The committee is concerned with the availability and sustainability of the F-35. The committee also notes the National Defense Authorization Act for Fiscal Year 2022 (Public Law No: 117-81) directed that all functions relating to the management, planning, and execution of sustainment activities for the F-35 aircraft program will transition from the F-35 Joint Program Office to the Secretary of the Air Force and the Secretary of the Navy no later than October 1, 2027. The committee understands each of the military services may identify unique requirements, particularly pertaining to sustainment requirements, during the transition to service-specific management. Therefore, the committee directs the Secretary of Defense, in coordination with the Secretary of the Navy and the Secretary of the Air Force, to provide a briefing to the House Committee on Armed Services not later than March 1, 2025, on the transition plan to include the timelines, risks, and preparations to address unique service component sustainment requirements.

**AMENDMENT TO H.R. 8070**  
**OFFERED BY MS. SHERRILL OF NEW JERSEY**

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

1 **SEC. 17 \_\_\_\_ . REDUCTION OF LIGHT POLLUTION AT DEPART-**  
2 **MENT OF DEFENSE FACILITIES.**

3 (a) AUDIT.—

4 (1) IN GENERAL.—Not later than 18 months  
5 after the date of the enactment of this Act, and con-  
6 currently with the study required under subsection  
7 (b), the Secretary of Defense shall complete an audit  
8 of light pollution at the facilities selected pursuant  
9 to paragraph (2). Under such audit, the Secretary  
10 shall—

11 (A) evaluate the lighting used at such fa-  
12 cilities, with a focus on unshielded lighting;

13 (B) determine whether any lighting fix-  
14 tures are unnecessary;

15 (C) determine whether any areas—

16 (i) are unnecessarily lit; or

17 (ii) are overlit and are suitable for  
18 lower ambient light under United Facilities  
19 Criteria 3–530–01;

1 (D) identify any lighting or design trends  
2 across such facilities that contribute to light  
3 pollution; and

4 (E) include a plan for reducing unneces-  
5 sary lighting, overlit areas, and other sources of  
6 light pollution at such facilities.

7 (2) AUDITED FACILITIES.—The Secretary of  
8 Defense shall—

9 (A) select the Department of Defense fa-  
10 cilities to be included in the audit under para-  
11 graph (1); and

12 (B) to the extent practicable, ensure that  
13 the group of such selected facilities is a rep-  
14 resentative sample of Department of Defense  
15 facilities with respect to size, form, function,  
16 and geographic location.

17 (3) PLAN DEADLINE.—Not later than 6 months  
18 after the audit required under paragraph (1) is com-  
19 pleted, the Secretary of Defense shall implement the  
20 plan included in such audit.

21 (b) STUDY.—Not later than 18 months after the date  
22 of the enactment of this Act, and concurrently with the  
23 audit required under subsection (a)(1), the Secretary of  
24 Defense shall conduct a study of light pollution at Depart-

1 ment of Defense facilities. In conducting the study, the  
2 Secretary shall—

3 (1) examine how light pollution affects Depart-  
4 ment of Defense operations and readiness;

5 (2) examine how light pollution affects biodiver-  
6 sity near Department of Defense facilities;

7 (3) evaluate the effectiveness of compatible use  
8 buffer zones and other techniques already in use to  
9 mitigate light pollution and its harmful effects at  
10 Department of Defense facilities;

11 (4) evaluate the necessity and purpose of any  
12 unshielded lights at Department of Defense facili-  
13 ties;

14 (5) examine the use of additional light pollution  
15 mitigation technologies, processes, and policies to  
16 mitigate light pollution at Department of Defense  
17 facilities, including increasing the use of warm-light  
18 and low-output light-emitting diode lights and de-  
19 creasing the use of cool-light and high-output light-  
20 emitting diode lights;

21 (6) examine the feasibility of establishing dark  
22 sky standards for Department of Defense facilities;

23 (7) identify and analyze Federal, State, and  
24 local rules, regulations, and policies that support or  
25 inhibit the ability of the Secretary of Defense to



1 mitigate light pollution at Department of Defense  
2 facilities; and

3 (8) evaluate ongoing and potential additional  
4 initiatives at Department of Defense facilities to reg-  
5 ulate lighting standards, including how such initia-  
6 tives could be expanded without compromising na-  
7 tional security or the mission, safety, or security of  
8 any such facility.

9 (c) REPORT.—Not later than 6 months after the com-  
10 pletion of the audit required under subsection (a)(1) and  
11 the study required under subsection (b), the Secretary of  
12 Defense shall submit to the Committee on Armed Services  
13 of the House of Representatives, the Committee on Nat-  
14 ural Resources of the House of Representatives, the Com-  
15 mittee on Armed Services of the Senate, and the Com-  
16 mittee on Energy and Natural Resources of the Senate  
17 a report, which shall include—

18 (1) the results of the audit required under sub-  
19 section (a)(1), including the methodology, findings,  
20 and recommendations of such audit;

21 (2) the results of the study required under sub-  
22 section (b), including unclassified examples of how  
23 light pollution affects Department of Defense oper-  
24 ations and readiness;

1           (3) identification of the funds, resources, and  
2           additional authorities required to execute any plans  
3           or recommendations developed pursuant to the study  
4           required under subsection (b);

5           (4) recommendations for expanding or starting  
6           collaborative efforts with local communities that are  
7           located near Department of Defense facilities to  
8           limit light pollution;

9           (5) recommendations for protecting biodiversity  
10          near Department of Defense facilities from light pol-  
11          lution without harming Department of Defense oper-  
12          ations and readiness; and

13          (6) recommendations on whether and, if appli-  
14          cable, how the Department of Defense could create  
15          and implement dark sky standards for Department  
16          of Defense facilities.

17          (d) PILOT PROJECTS.—The Secretary of Defense  
18          may establish pilot projects to reduce light pollution at De-  
19          partment of Defense facilities based on the results of the  
20          study required under subsection (b).

21          (e) DEPARTMENT SECURITY.—The Secretary of De-  
22          fense shall ensure that the safety, security, and readiness  
23          of the Department of Defense is not negatively affected  
24          by—

25                 (1) the audit required under subsection (a)(1);

1           (2) the implementation of the plan included in  
2 such audit; or

3           (3) any pilot project established under sub-  
4 section (d).

5 (f) DEFINITIONS.—In this section:

6           (1) The term “dark sky standards” means a  
7 group of policies, guidelines, or requirements that—

8               (A) reduce light pollution;

9               (B) limit artificial light to areas where  
10 such light is intended to be used; and

11               (C) protect the natural darkness of an out-  
12 door location.

13           (2) The term “Department of Defense facility”  
14 means any structure, building, training area, or  
15 other infrastructure of a military installation, includ-  
16 ing a roadway or defense access road, and any other  
17 area on the grounds of a military installation that  
18 is under the jurisdiction of the Secretary of Defense  
19 or the Secretary of a military department.

20           (3) The term “light pollution” means artificial  
21 light that emanates from buildings or other human-  
22 made structures that—

23               (A) expands onto adjacent properties and  
24 is unnecessary in regards to the purpose or use  
25 of such adjacent property; or

7

1 (B) degrades the visibility of the sky at  
2 night.



## **Amendment to H.R. 8070**

### **Offered by: Mr. Veasey of Texas**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **NAVAL AIR SYSTEMS COMMAND CONDITION BASED MAINTENANCE**

The committee supports Naval Air Systems Command's initiatives for a conditions-based maintenance system, which utilizes artificial intelligence, predictive analytics, and other advanced technologies to improve the readiness of aircraft and reduce costs associated with scheduled maintenance. Premature maintenance on an aircraft, prompted by arbitrary timelines rather than actual need, can drastically increase costs while decreasing aircraft readiness. The committee believes that maximizing the use of digital twin technologies, using new forms of artificial intelligence and predictive analytics, can provide the Navy with greater aircraft availability, thereby improving pilot readiness and mission-capable rates. Therefore, the committee directs the Secretary of the Navy, in coordination with the Commander, Naval Air Systems Command, to provide a briefing to the House Committee on Armed Services by April 1, 2025, on current maintenance operations for Navy and Marine Corps aircraft. This briefing shall include:

- (1) an analysis of the effectiveness of the current calendar-based maintenance schedule;
- (2) an assessment of potential cost-savings, increased readiness, and improvements to availability that could be achieved by utilizing sensorless digital twin technologies;
- (3) a timeline for deployment of sensorless digital twin technologies that includes the utilization of artificial intelligence and predictive analytics; and
- (4) any plans to accelerate the deployment of such technologies.

**AMENDMENT TO H.R. 8070**  
**OFFERED BY MS. SHERRILL OF NEW JERSEY**

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

1 **SEC. 3 \_\_\_\_ . STUDY ON FIREFIGHTER RAPID INTERVENTION**  
2 **TEAM TRAINING AND EQUIPMENT AT DE-**  
3 **PARTMENT OF DEFENSE FACILITIES.**

4 (a) STUDY.—The Secretary of Defense shall conduct  
5 a study of the training standards for firefighter rapid  
6 intervention teams and the use of equipment by such  
7 teams at Department of Defense facilities. Such study  
8 shall include—

9 (1) an identification of such training standards  
10 and equipment that, as of the date of the enactment  
11 of this Act, are in use by such teams and the extent  
12 to which such training and equipment is standard  
13 across firefighter rapid intervention teams located at  
14 different Department facilities;

15 (2) an identification of such training standards  
16 and equipment that, as of the date of the enactment  
17 of this Act, are in use by such teams at Department  
18 naval and port facilities and a determination by the  
19 Secretary of whether such training and equipment is

1 sufficient to prepare such teams for fires on the var-  
2 ious ships that dock at such facilities; and

3 (3) a description of any incident that—

4 (A) occurred during the ten-year period  
5 preceding the date of the enactment of this Act  
6 in which a firefighter was injured or killed at  
7 a Department facility; and

8 (B) the Secretary finds could have been  
9 prevented if the firefighters involved had re-  
10 ceived different training or equipment; and

11 (b) REPORT TO CONGRESS.—Not later than Sep-  
12 tember 30, 2025, the Secretary of Defense shall submit  
13 to the Committees on Armed Services of the Senate and  
14 House of Representatives a report containing the results  
15 of the study required under subsection (a).

16 (c) FIREFIGHTER RAPID INTERVENTION TEAM DE-  
17 FINED.—In this section, the term “firefighter rapid inter-  
18 vention team” means a designated firefighting crew that  
19 serves as a stand-by rescue team at the scenes of fires  
20 and other emergencies and is available for the immediate  
21 search and rescue of missing, trapped, or injured fire-  
22 fighters if required.



Offered by: Ms. Sherrill

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### Update on Per- and Polyfluoroalkyl Substances (PFAS) Task Force Activities

The committee recognizes the positive efforts of the Department of Defense in creating the PFAS Task Force to address the threat PFAS poses to members of the Armed Services, the American public, and the environment. The committee commends the Task Force and the department for their efforts to mitigate and eliminate the use of Aqueous Film Forming Foam (AFFF), fulfill its cleanup responsibilities related to PFAS, understand the impacts of PFAS on human health, expand PFAS-related public outreach, and support PFAS research efforts.

The committee also commends the department for its work in researching PFAS, including efforts to understand the best treatment plans for PFAS; ecotoxicity of PFAS; fate, transport, and characterization of PFAS; and research regarding PFAS-free AFFF. Furthermore, the department has provided important investments in the Strategic Environment Research and Development Program (SERDP) and the Environmental Research and Development Program (ESTCP) to advance technologies to expedite the PFAS cleanup process of more than 170 projects since 2011, as well as the development of PFAS-free alternatives to AFFF. However, SERDP-ESTCP believes that significant improvements in the current understanding of PFAS toxicity and behavior in the environment are still needed.

The committee believes that advanced modeling and simulation can be used to comprehensively understand and address the behavior of PFAS through a multi-faceted approach involving the development of simulation modeling to optimize the design and operations of PFAS treatment process to eliminate contaminants.

The committee directs the Assistant Secretary of Defense for Energy, Installations, and Environment to provide a briefing to the House Committee on Armed Services by March 1, 2025, on the following:

- (1) an update of the projected timeline for ceasing use of AFFF, including whether the department will meet the requirement to phase out usage by October 1, 2024;
- (2) new information the department has identified about the impacts of PFAS on human health;
- (3) plans to continue PFAS related public outreach; and
- (4) research efforts on PFAS, including knowledge gained and discoveries from PFAS research, utilization of advanced modeling and simulation to



understand PFAS behavior and if this technology is applicable to the Department of Defense.

## **Amendment to H.R. 8070**

**Offered by: Mr. Mills of Florida**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### **Laboratory Systems to Address Water Scarcity**

The US Army recognizes the emergence of water scarcity as an issue of concern and includes water efficiency statements and goals in sustainability directives in the Department of Defense Strategic Sustainability Performance Plan. The committee is aware of advancements in laboratory equipment which operates with zero water input or connection to municipal water systems. The committee remains concerned that water scarcity is a national security risk and priority should be given to modernize military treatment facilities with zero water systems when feasible.

Therefore, the committee directs the Director of the Defense Health Agency to provide a briefing to the House Committee on Armed Services by 31 January 2025, on the plans to implement laboratory systems and their impact on the water supply in the communities they reside.

## **Amendment to H.R. 8070**

### **Offered by: Mr. Vasquez of New Mexico**

In the portion of the report to accompany H.R. 8070 titled “White Sands Missile Range Infrastructure Requirements”, insert at “(1) areas where existing facilities”, the following new text: “, including but not limited to, test ranges and facilities, storage facilities, administrative buildings, housing facilities, and schools/childcare facilities”.

## **Amendment to H.R. 8070**

**Offered by: Mr. Jared Golden**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### **Kennebec River Dredging**

The committee continues to support the Memorandum of Agreement (Agreement No. W13G8683320001) signed in January 2020 denoting responsibilities between the Department of the Army and the Department of the Navy for the regular maintenance of the Kennebec River Federal Navigation Channel. The committee is concerned that the channel is not currently being maintained to the required depth on an annual basis, affecting the movement of Navy surface combatants. Therefore, the committee directs the Secretary of the Navy, in coordination with the Secretary of the Army, to provide a briefing to the House Committee on Armed Services not later than December 31, 2024, on the appropriate resources and planning to ensure that the channel is being maintained to the required depths – per the Memorandum of Agreement – to ensure the navigability of the Kennebec River for the test, trial and delivery of newly constructed Navy surface combatants to the Atlantic Ocean.

## **Amendment to H.R. 8070**

**Offered by: Mr. Norcross**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### **Rapid Fielding Initiative List update**

The committee is aware that the Army's Rapid Fielding Initiative (RFI) provides the fastest possible acquisition of clothing, accessories, and equipment to support deploying and deployed soldiers. The committee is concerned, however, that current clothing, accessories, and equipment acquired by the RFI does not meet the various climate and environmental demands of all regions to which soldiers have deployed or could deploy. The committee understands that a standing RFI List exists that identifies individual equipment that every soldier receives for deployment including uniform items, boots, eye protection, knee and elbow pads, and many other items worn or used by soldiers. The RFI List, however, has not been updated in over four years while the strategic interest and locations for Army deployments and operations has shifted from arid climates to arctic, sub-arctic, and tropical regions. Accordingly, the committee directs the Assistant Secretary of the Army for Acquisition, Logistics, and Technology, in coordination with the Vice Chief of Staff of the Army, to provide a briefing not later than March 31, 2025, to the House Committee on Armed Services on plans to update the current Rapid Fielding Initiative List, additions and deletions from the list, and plans to provide for subsequent periodic updates.

## **Amendment to H.R. 8070**

### **Offered by: Ms. Houlahan**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### Health and Safety of Military Housing and Buildings

The committee recognizes the critical role that health and safety conditions in military housing and buildings have in the recruitment, retention, and readiness of service members. The committee supports the efforts of the Military Departments to improve indoor environmental conditions, including air, water, and lighting quality as well as to target certifiable standards for indoor spaces that promote the health, well-being, resilience and quality of life for service members and their families.

Therefore, not later than March 1, 2025, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services on the efforts made by the Military Departments to improve indoor environmental conditions in military housing and buildings. For each Military Department, the briefing should include:

(1) a description of initiatives undertaken to improve indoor environmental conditions;

(2) a description of efforts to consider or adhere to third-party, independent indoor health certifications, designations or benchmarks for military housing and facilities;

(3) planned actions and milestones to improve indoor environmental conditions;

(4) information on methodology used or proposed to measure and test indoor environmental conditions; and

(5) a description of the process for evaluating and selecting solutions to improve indoor environmental conditions.

## **Amendment to H.R. 8070**

### **Offered by: Mr. Jackson of Texas**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### National Security Implications of Helium Supply

The committee understands that helium is a critical resource for the United States' national security, utilized by the Department of Defense to develop weapons, conduct undersea operations, detect enemy submarines, and ensure resilient communications. The committee is aware that the Federal Helium Reserve in the Texas Panhandle supplies nearly 30 percent of the United States' total helium production. The committee is also aware that the Federal Helium Reserve is currently being transferred to the private sector. The committee notes that any loss of production from this facility would have a negative impact on the United States' national security and could disrupt military operations globally. Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than April 1, 2025, on the current helium needs across the Department of Defense and a comprehensive assessment of the impacts any impediments to a consistent supply of helium would have on the United States' military readiness.

**AMENDMENT TO H.R. 8070**  
**OFFERED BY MR. GRAVES OF MISSOURI**

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

1 **SEC. 8 \_\_\_\_. PROHIBITION ON CERTAIN TRANSPORTATION**

2 **CONTRACTS.**

3 (a) IN GENERAL.—The Secretary of Defense may not  
4 award a contract or order to a transportation service pro-  
5 vider for any shipment that requires any transportation  
6 protective service if such transportation service provider  
7 is not authorized by the Department of Defense to trans-  
8 port cargo requiring such a service.

9 (b) TRANSPORTATION REQUIREMENT WAIVER LIM-  
10 ITS.—The Secretary of Defense may not, except by issuing  
11 a rule, waive or reduce—

12 (1) any requirement regarding transportation  
13 protective services for any transportation service  
14 provider; or

15 (2) any security clearance requirements for  
16 drivers of transportation service providers.

17 (c) TRANSPORTATION PROTECTIVE SERVICE; TRANS-  
18 PORTATION SERVICE PROVIDER DEFINED.—In this sec-  
19 tion, the terms “transportation protective service” and



1 “transportation service provider” have the meanings given  
2 such terms, respectively, in the publication of the Military  
3 Surface Deployment and Distribution Command entitled  
4 “MILITARY FREIGHT TRAFFIC UNIFIED RULES  
5 PUBLICATION-1 (MFTURP-1)”, issued September 12,  
6 2022, or any successor thereto.



## **Amendment to H.R. 8070**

**Offered by: Mr. Waltz**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### **Deep Immersion Virtual Reality Training Development**

The committee recognizes that military personnel need to have access to continuous training that is interconnected, immersive, and data-driven to instill trust and confidence in a range of high-stress situations. By leveraging existing technologies such as virtual reality and artificial intelligence, military training programs could replicate high-stakes scenarios and evoke real-life reactions without putting personnel at risk. Combining human intuition and creativity with machine learning could help airmen master essential skills under pressure, allowing them to become more competent and confident in being able to manage their judgements, communications, and actions in combat and crisis situations.

Therefore, the committee directs the Secretary of the Air Force, in consultation with the Chief of the Digital Transformation Office, to provide a briefing to the House Committee on Armed Services not later than December 1, 2024, on its efforts to develop portable training modules fusing emerging virtual reality technologies that feature customized scenario construction to address evolving threats and unfamiliar environments at the small-unit level.

## Amendment to H.R. 8070

**Offered by: Mr. Lamborn**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### Improving the Safety and Effectiveness of Army Training at the Piñon Canyon Maneuver Site, Colorado

The committee has long been aware that when the Army initially acquired title to the ~235,000 acres of property comprising the Pinon Canyon Maneuver Site (PCMS), the land was acquired subject to a pre-existing easement granted to a privately owned natural gas pipeline running approximately 26 miles underneath the maneuver area. The committee has been briefed by the Army that training events have been conducted safely to date, to include 13 brigade combat team (BCT) sized rotations since 2007 and an average of 1,325 discrete smaller scale, lower echelon events per year. Nevertheless, the buried natural gas pipeline requires heavy vehicles to cross the pipeline in a perpendicular manner, limits live-fire training above 50 caliber munitions, prohibits the use of duded munitions, and limits freedom of maneuver and options for future training scenarios. The committee is further aware that a June 2019 incident caused a fire plume that burned for 13 days, requiring the pipeline owner/operator to reroute the flow of gas while repairs were made. While no soldiers were injured and the fire was contained within the boundaries of PCMS, the committee is interested in exploring options to improve the safety and effectiveness of Army training at the PCMS.

To assist the committee in developing options for future oversight, the committee directs the Assistant Secretary of the Army (Installations, Energy and Environment) to provide a brief to the House Committee on Armed Services not later than March 15, 2025. The briefing shall include the following:

- (1) perform an evaluation of any foreseeable risks of wildfires or impacts to soldier training;
- (2) provide an assessment of the risks and limitations on training attributable to the pipeline in the PCMS, options to minimize the aforementioned risks, and pipeline recapitalization options including (a) relocating the pipeline, (b) relocating air blending stations and rerouting the gas to allow the pipeline traversing PCMS to be abandoned in place, (c) requesting military construction funds to buyout the easements from the pipeline owner/operator; and

- (3) the feasibility of a state, county, or local government in Colorado forming a public-private partnership (such as a business improvement district with the gas pipeline owner/operator in order to help implement a preferred pipeline recapitalization option.

## Amendment to H.R. 8070

### Offered by: Ms. McClellan

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### Briefing on Department of Defense Strategy to Comply with PFAS Maximum Contaminant Levels

The committee recognizes that perfluoroalkyl and polyfluoroalkyl substances (PFAS) also known as “forever chemicals” have been linked to increased risk of various cancers, heart disease, high cholesterol, liver disease, and other health conditions. The Committee acknowledges that Department of Defense facilities have been a leading source of PFAS contamination in water systems due to stormwater runoff from the use of firefighting foams and other materials that contain PFAS.

The committee notes that on April 10, 2024, the Environmental Protection Agency (EPA) established legally enforceable Maximum Contaminant Levels (MCLs) for drinking water at 4.0 parts per trillion each for perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS) and 10 parts per trillion each for perfluorohexane sulfonate (PFHxS), perfluorononanoic acid (PFNA), and hexafluoropropylene oxide-dimer acid (HFPO-DA). Recognizing the importance of addressing PFAS contamination to preserve the health of our servicemembers, their families, and surrounding communities, the committee directs the Assistant Secretary of Defense for Energy, Installations, and Environment to brief the House Committee on Armed Services not later than October 1, 2025, on its strategy to comply with the EPA’s PFAS MCLs. This briefing should include:

- (1) which sites are testing at levels above the MCLs based on current data and what are the PFAS levels at those sites;
- (2) how the Department plans to measure the impact of PFAS released in communities surrounding DoD facilities on drinking water quality;
- (3) steps the Department will plan to take to comply with the MCLs;
- (4) expected timeline for compliance with the MCLs;
- (5) potential barriers to compliance with the MCLs;
- (6) cost analysis of funding needed to comply with the MCLs;
- (7) authorities the Department will need from Congress, if any, to comply with the MCLs; and
- (8) how the Department plans to handle the PFAS waste generated from water treatment and filtration.

**AMENDMENT TO H.R. 8070**  
**OFFERED BY MR. MOYLAN OF GUAM**

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

1 **SEC. \_\_\_\_ . EXPANSION OF AUTHORIZED THRESHOLD FOR**  
2 **CERTAIN MINOR MILITARY CONSTRUCTION**  
3 **PROJECTS WITHIN AREA OF RESPONSIBILITY**  
4 **OF UNITED STATES INDO-PACIFIC COMMAND.**

5 Subsection (a) of section 2810 of the National De-  
6 fense Authorization Act for Fiscal Year 2024 (Public Law  
7 118–31) is amended by striking “\$15,000,000” and in-  
8 serting “\$20,000,000”.



## **Amendment to H.R. 8070**

**Offered by: Ms. Sherrill**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### **3D Printing for Construction**

The committee notes that advances in innovative construction technologies, including 3D printing, that are currently being developed in the commercial sector offer the possibility of significantly increasing the speed of construction and lowering cost. The committee is concerned that Department of Defense acquisition processes and training are not keeping pace with these emerging technologies.

The committee therefore directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services no later than December 31, 2024, on the Department's efforts to ensure that acquisition processes and training keep pace with innovations in advanced construction technologies.

## **Amendment to H.R. 8070**

**Offered by: Mrs. Kiggans**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### **Briefing on Cost-Savings from Increased Foreign Cost-Sharing in US Military Basing**

The committee recognizes the substantial contributions made to maintain U.S. forces operating in Eastern Europe by the Republic of Poland following the signing of the Enhanced Defense Cooperation Agreement (EDCA) of 2020 with the United States. The agreement allowed for substantial contributions by the Polish government toward the cost of maintaining these forces, including the construction and maintenance of training areas and facilities, as well as logistics support services. To better understand how this model may be replicated elsewhere, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than March 1<sup>st</sup>, 2025, on the viability of implementing similar cost-sharing arrangements between the U.S. and other partner nations where U.S. forces are currently stationed. The briefing should include:

- (1) projected cost savings over a 10-year window, beginning on October 1, 2024, between using Polish-Provided Infrastructure (PPL), as defined in the 2020 EDCA compared to projected cost of facility construction and maintenance by the United States;
- (2) projected cost savings over a 10 year window, beginning on October 1, 2024, between using Poland-Provided Logistics Support (PPLS), as defined in the 2020 EDCA;
- (3) identification of partners where a similar cost-sharing agreement could provide substantial cost savings; and
- (4) description of how the cost-sharing agreement affects readiness and effectiveness of US military forces stationed in Poland that are operating under the terms of the cost-sharing agreement.



## **Amendment to H.R. 8070**

### **Offered by: Mr. Gallego**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **United States Logistical Supply Chain Challenges in Southeast Europe**

The committee recognizes the important role of Mediterranean and Southeast European allies and partners in bolstering the security of the region and across the Atlantic. The committee also notes the work of U.S. Transportation Command (USTRANSCOM) and U.S. European Command (USEUCOM) in strengthening and improving logistics chains in Southeast Europe. Therefore, the committee directs the Secretary of Defense to provide a briefing not later than April 1, 2025 to the House Committee on Armed Services that includes the following:

- (1) an identification and assessment of efforts by USTRANSCOM and USEUCOM to overcome logistical supply chain challenges in Southeast Europe for the purposes of improving military readiness and capabilities, including but not limited to increasing assets, equipment, and parts in additional locations to increase the capacity and speed of force flows to Europe;
- (2) an analysis of current force posture in Southeast Europe and logistical supply chain needs; and
- (3) any other information as the Secretary of Defense deems appropriate.

**Amendment to H.R. 8070**  
**National Defense Authorization Act for Fiscal Year 2025**

**Offered by Mr. Bacon of Nebraska**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

**Air Force Junior Enlisted Unaccompanied Housing Shortfalls**

The committee is aware the United States Air Force is experiencing shortfalls in unaccompanied housing (UH) which forces junior Airmen to leave dormitory housing and live on the local economy well before the requirements of the Air Force. Therefore, the committee directs the Secretary of the Air Force to submit a briefing to the House Committee on Armed Services not later than January 17, 2025, on efforts to increase unaccompanied housing capacity in the Air Force. The brief should include the following:

- (1) the top fifteen locations where the UH shortfalls are most acute and the basis for such shortfall including lack of housing or suboptimal living conditions as measured by the Air Force's Building Condition Index;
- (2) a summary of the number of Airmen with less than 3 years of service who were required to depart UH housing by location for fiscal years of 2023, 2024, and 2025;
- (3) a description of efforts to address the UH shortage within the next twenty-four months and a summary of any lease agreements and intergovernmental support agreements executed for this purpose;
- (4) a summary of recommendations exclusive of military construction funds that could be deployed to address the UH shortage within twenty-four months and the estimated impact that commercializing unaccompanied housing would have on capacity shortfalls; and
- (5) additional statutory authorities required to address this shortage.

**Amendment to HR 8070**

**Offered by: Mrs. Kiggans**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

Briefing on the creation of a Military Occupational Specialty or Service Designation  
Relating to Additive Manufacturing

The committee notes that efforts should be made to improve the military services' ability to employ the most advanced manufacturing and maintenance techniques available. The committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than January 1, 2025, on the feasibility of creating an additional Military Occupational Specialty (MOS) or Service Designation (SD) in the field of Additive Manufacturing to improve repair capacity of the military services. The briefing should include the following:

- (1) the projected change in productivity or hours of work due to the creation of an additional MOS or SD;
- (2) the impact of the creation of an additional MOS or SD on the repair backlog experienced by military maintenance teams; and
- (3) the impact of the creation of an additional MOS or SD on spare parts capacity among those military services that employ additive manufacturing machines as part of their spare parts stockpile or manufacturing process.

## **Amendment to H.R. 8070**

### **Offered by: Mr. Luttrell of Texas**

In the portion of the report to accompany H.R. 8070 titled “Hardened Infrastructure on Guam”, insert after “utility of hardened structures on Guam” the following new text: “, both traditional and modular constructions,”.

## **Amendment to H.R. 8070**

**Offered by: Ms. McClellan**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### Department of Defense Briefing on Extreme Weather Damage to Military Installations

The Committee recognizes that extreme weather events have caused considerable damage to military installations, particularly installations in coastal regions. The Committee further recognizes that damage from extreme weather events has major repercussions to the safety and readiness of our military personnel and can defer valuable financial resources that would otherwise go to modernization and maintenance programs. Given the readiness implications of damage from extreme weather events, the Committee directs the Secretary of Defense to brief the House Committee on Armed Services no later than October 1, 2025, on the damage to military installations caused by extreme weather events and associated financial costs. This briefing should include:

- (1) cost analysis of damage to military installations caused by extreme weather events over the last 10 years;
- (2) analysis of whether damage to military installations resulted from or was exacerbated by deferred maintenance or modernization;
- (3) the current estimate of maintenance backlogs by military department and steps each Department will take to address such backlogs; and
- (4) a list of installation resilience plans that have been completed pursuant to the requirement in the National Defense Authorization Act for Fiscal Year 2020, and a list of installation resilience plans the military departments plan to undertake over the next five years.

## **Amendment to H.R. 8070**

**Offered by: Ms. McClellan**

### **Inclusion of Compound Flood Risks in DoD Flood Mapping Briefing**

In the portion of the report to accompany H.R. 8070 titled “Department of Defense Flood Mapping” insert after “but not limited to, the Federal Emergency Management Agency” the following:

(4) the extent to which the Department considers compound flooding risks that occur when multiple flood hazards converge during severe weather events;

(5) an evaluation of military installations' changing vulnerability to flood and compound flood risks by 2050 and 2100, using data such as those available from the National Oceanic and Atmospheric Administration, Federal Emergency Management Agency, Army Corps of Engineers, and other Federal agencies;

(6) an inventory of present and future-projected flood and compound flood risks for each military installation, to include the fiscal exposure of repairing or replacing facilities at risk of damage from disasters; and

(7) potential mitigation strategies for such flood and compound flood risks and applicable costs, including construction activities, structure fortification activities, and structure relocation activities that enable adaptation to these risks.

**AMENDMENT TO H.R. 8070**  
**OFFERED BY MR. MOULTON OF MASSACHUSETTS**

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

1 **SEC. 28** \_\_\_\_. **SURVEY AND PROCEDURES FOR MUNITIONS OF**  
2 **EXPLOSIVE CONCERN ON MILITARY INSTAL-**  
3 **LATIONS IN GUAM.**

4 (a) **SURVEY REQUIRED.**—Not later than 180 days  
5 after the date of the enactment of this Act, the Secretary  
6 of Defense shall conduct a survey of the military installa-  
7 tions on Guam, using available technologies to charac-  
8 terize the real property of such military installations as  
9 being at high, medium, or low risk for containing muni-  
10 tions of explosive concern.

11 (b) **PROCEDURES REQUIRED.**—Not later than 180  
12 days after the date of completion of the survey, the Sec-  
13 retary shall issue procedures for such real property char-  
14 acterized as low- and medium-risk to expedite military  
15 construction projects relating to such real property to the  
16 maximum extent as is safely practicable.

17 (c) **BRIEFING REQUIRED.**—Not later than 30 days  
18 after the date of issuance of the procedures described in  
19 subsection (b), Secretary shall provide to the Committees

1 on Armed Services of the Senate and the House of Rep-  
2 resentatives a briefing on the results of the survey con-  
3 ducted under subsection (a), the procedures described in  
4 subsection (b), and how such procedures will expedite the  
5 completion of military construction projects on Guam.





## **Amendment to H.R. 8070**

### **Offered by: Mr. Austin Scott of Georgia**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **Operational Readiness of Military Working Dogs**

The committee understands that Military Working Dogs (MWD) play a vital role in protecting military personnel and civilians by detecting explosives, drugs, and other threats. The committee also understands that MWDs provide unique capabilities that complement our military forces at home and deployed around the world, provide access to terrain that may be difficult for humans, detect threats that might be missed by technology or human senses alone, and provide valuable support in various missions, including search and rescue operations. The committee is concerned that our MWDs are not receiving the support required when it comes to facilities to house, train, and care for these MWDs.

Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than March 1, 2025, on the status of MWD facilities across the Department of Defense that will identify any issues with current facilities and the timeline and funding to mitigate those issues.

**AMENDMENT TO H.R. 8070**  
**OFFERED BY MS. SLOTKIN OF MICHIGAN**

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

1 **SEC. [\_\_\_]. PILOT PROGRAM TO ESTABLISH INCLUSIVE**  
2 **PLAYGROUNDS FOR MILITARY FAMILIES EN-**  
3 **ROLLED IN EXCEPTIONAL FAMILY MEMBER**  
4 **PROGRAM OF THE DEPARTMENT OF DE-**  
5 **FENSE.**

6 (a) ESTABLISHMENT.—

7 (1) IN GENERAL.—Not later than January 1,  
8 2026, the Under Secretary of Defense for Personnel  
9 and Readiness (in this section referred to as the  
10 “Under Secretary”) shall establish a military fami-  
11 lies playground pilot program (in this section re-  
12 ferred to as the “Program”) to design, develop, and  
13 construct playgrounds that directly support families  
14 enrolled in the Exceptional Family Member Program  
15 to increase the accessibility and inclusivity of access  
16 to playgrounds on military installations.

17 (2) GOVERNING BODY.—

18 (A) IN GENERAL.—The Under Secretary of  
19 Defense, the Secretaries of the military depart-

1           ments, and any other individual that the Sec-  
2           retary of Defense considers appropriate, shall  
3           form a governing body to oversee and be re-  
4           sponsible for administration of the Program.

5           (B) INCLUSION OF EFMP COMMUNITY.—  
6           The governing body required by subparagraph  
7           (A) shall, at a minimum, include one represent-  
8           ative of families enrolled in the Exceptional  
9           Family Member Program.

10          (3) OBJECTIVE.—The objective of the Program  
11          is to create a more accessible and inclusive environ-  
12          ment for military families, especially families en-  
13          rolled in the Exceptional Family Member Program,  
14          by designing, developing, and constructing inclusive  
15          playgrounds that—

16                 (A) incorporate the principles of universal  
17                 access and design;

18                 (B) welcome children and families to de-  
19                 velop physically, cognitively, socially, and emo-  
20                 tionally;

21                 (C) are accessible and ensure all children,  
22                 including children with visible and non-visible  
23                 disabilities (as defined in section 3 of the Amer-  
24                 icans with Disabilities Act of 1990 (42 U.S.C.

1           12102)), have play options to help such children  
2           grow and learn; and

3           (D) balance a play experience that is bene-  
4           ficial to all children, including children with  
5           visible and non-visible disabilities, at all stages  
6           of development and at all levels of sensory en-  
7           gagement.

8           (4) ADMINISTRATION.—In carrying out the  
9           Program, the Under Secretary shall—

10           (A) select not fewer than 6 military instal-  
11           lations located within the continental United  
12           States that have the largest communities of  
13           families enrolled in the Exceptional Family  
14           Member Program;

15           (B) design, develop, and construct one in-  
16           clusive playground at each military installation  
17           selected under subparagraph (A); and

18           (C) establish policies, procedures, and  
19           standards for developing and constructing inclu-  
20           sive playgrounds under the Program.

21           (5) UPGRADING EXISTING PLAYGROUNDS.—The  
22           Under Secretary may carry out the requirement  
23           under paragraph (4)(B) to construct an inclusive  
24           playground at each military installation selected  
25           under paragraph (4)(A) by upgrading an existing

1 playground at the installation to meet the require-  
2 ments of the Program.

3 (b) STRATEGY.—

4 (1) IN GENERAL.—Not later than March 28,  
5 2025, the Under Secretary shall submit to the Com-  
6 mittees on Armed Services of the Senate and the  
7 House of Representatives a strategy for the imple-  
8 mentation of the Program.

9 (2) ELEMENTS.—The strategy required by  
10 paragraph (1) shall include the following:

11 (A) A governance structure for the Pro-  
12 gram, including—

13 (i) the officials tasked with oversight  
14 of the Program;

15 (ii) the format of the governing body  
16 of the Program established under sub-  
17 section (a)(2);

18 (iii) the functions and duties of the  
19 governing body with respect to establishing  
20 and maintaining the Program; and

21 (iv) mechanisms for coordinating with  
22 the military departments.

23 (B) With respect to the selection of mili-  
24 tary installations under subsection (a)(4)—

1 (i) an identification of each military  
2 installation;

3 (ii) the rationale for selecting each  
4 military installation; and

5 (iii) any other information the Under  
6 Secretary considers appropriate.

7 (C) A description of objectives for the first  
8 3 fiscal years of the Program, including—

9 (i) a description of, and a rational for  
10 selecting, those objectives;

11 (ii) an identification of milestones to-  
12 ward achieving those objectives; and

13 (iii) metrics for evaluating success in  
14 achieving those objectives.

15 (D) A description of opportunities and po-  
16 tential timelines for future expansion of the  
17 Program, as appropriate.

18 (E) A list of additional authorities, appro-  
19 priations, or other support from Congress nec-  
20 essary to ensure the success of the Program.

21 (F) Any other information the Under Sec-  
22 retary considers appropriate.



## **Amendment to H.R. 8070**

### **Offered by: Mr. Luttrell of Texas**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **Cold Weather Layering System Research and Development**

The committee understands the importance of service members being given the appropriate equipment to be able to perform at a peak performance in extreme conditions. The committee recognizes that advances in cold weather layering systems hold the potential to dramatically minimize the number of layers necessary to outfit service members in extreme environments, reducing costs, and materially improving logistics considerations. However, the committee is concerned that the industrial base responsible for manufacturing cold weather layering systems is too reliant on foreign sourcing and manufacturing, and that more is needed to invest in the U.S. domestic industrial base. Therefore, the committee directs the Deputy Assistant Secretary of the Navy for Research, Development, Test and Evaluation to provide a briefing to the House Committee on Armed Services by January 1, 2025, on efforts to identify, utilize, and enable domestic manufacturers of cold weather layering systems when determining requirements for procurement of future cold weather layering systems.

## **Amendment to H.R. 8070**

### **Offered by: Mr. DesJarlais**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **Base Selection for Tanker Recapitalization**

The committee recognizes the Department of the Air Force's need for change in order to remain competitive in an era of Great Power Competition. Part of this change includes the need for a tanker capability that can ensure the Air Force's need to project power globally. The committee is concerned about the aging tanker fleet, particularly in the Air National Guard. Many of the KC-135s in service are over 60 years old, leading to increased maintenance costs and decreased reliability. This aging fleet also faces risks associated with structural fatigue and obsolescence. Because of the wide-reaching repercussions associated with these decisions, the committee remains interested in the Air Force's base selection.

Therefore, the committee directs the Secretary of the Air Force to provide a briefing to the House Committee on Armed Services by December 31, 2024, on all basing decisions for the KC-46A refueling tankers made to date. Further, the committee implores the Department to strictly adhere to the basing criteria outlined by the Secretary.



**AMENDMENT TO H.R. 8070**  
**OFFERED BY MR. DELUZIO OF PENNSYLVANIA**

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

1 **SEC. 3\_\_\_ . JOINT SAFETY COUNCIL REVIEW OF COMP-**  
2 **TROLLER GENERAL REPORT ON FATIGUE OF**  
3 **MEMBERS OF THE ARMED FORCES.**

4 (a) REVIEW.—Not later than 180 days after the date  
5 of the enactment of this Act, the Joint Safety Council es-  
6 tablished under section 185 of title 10, United States  
7 Code, shall review the issues identified in the report of  
8 the Comptroller General of the United States titled “Mili-  
9 tary Readiness: Comprehensive Approach Needed to Ad-  
10 dress Service Member Fatigue and Manage Related Ef-  
11 forts” (GAO-24-105917), including—

12 (1) insufficient oversight authority at the De-  
13 partment of Defense level;

14 (2) a lack of assigned leadership on fatigue-re-  
15 lated matters within the Armed Forces; and

16 (3) fragmented fatigue-related research efforts  
17 across the Department;

18 (b) BRIEFING.—Not later than September 1, 2025,  
19 the Joint Safety Council shall provide to the congressional

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1 defense committees a briefing on the steps the Council is  
2 taking to address the findings of the Comptroller General  
3 and to reinvigorate efforts to limit the fatigue of members  
4 of the Armed Forces.



**AMENDMENT TO H.R. 8070**  
**OFFERED BY MS. JACOBS OF CALIFORNIA**

At the appropriate place in subtitle E of title VIII,  
insert the following:

1 **SEC. 8 \_\_\_\_ . UPDATE AND EXTEND THE AUTHORIZATION OF**  
2 **DISTRIBUTION SUPPORT AND SERVICES FOR**  
3 **CONTRACTORS PROGRAM.**

4 (a) PERMANENT AUTHORIZATION AND REMOVAL OF  
5 LIMITATION.—Section 883 of the National Defense Au-  
6 thorization Act for Fiscal Year 2017 (10 U.S.C. 4291 note  
7 prec.) is amended—

8 (1) in subsection (b)—

9 (A) by striking paragraph (2); and

10 (B) by striking “CONTRACTS.—” through  
11 “Any storage” and inserting “CONTRACTS.—  
12 Any storage”; and

13 (2) in subsection (g), by striking “pilot pro-  
14 gram” and all that follows through “of this Act”  
15 and inserting the following: “program shall expire on  
16 December 31, 2039”.

17 (b) REMOVAL OF PILOT PROGRAM REFERENCES.—  
18 Such section is further amended—

1 (1) in the section heading, by striking  
2 “**PILOT**”;

3 (2) in subsection (a), by striking “eight-year  
4 pilot”; and

5 (3) in subsections (b), (d), (e), and (f) by strik-  
6 ing “pilot” each place it appears.

7 (c) **EXPANSION**.—Such section is further amended—

8 (1) in the section heading, by striking “**WEAP-**  
9 **ON SYSTEMS**”;

10 (2) in subsection (a), by striking “for the pro-  
11 duction, modification, maintenance, or repair of a  
12 weapon system that is”; and

13 (3) in subsection (c), by striking “described in  
14 subsection (a) are” and inserting “entered into by  
15 the Department include”.

16 (d) **AMENDMENTS TO REGULATIONS**.—Subsection  
17 (d) of such section is further amended—

18 (1) in paragraph (1)—

19 (A) in the matter preceding subparagraph

20 (A)—

21 (i) by striking “the solicitation of of-  
22 fers for a contract described in subsection  
23 (a),” and inserting “notifying a contractor  
24 or potential contractor”; and

1 (ii) by striking “are to” and inserting  
2 “may”;

3 (B) in subparagraph (A), by striking “to  
4 any contractor awarded the contract, but only”;  
5 and

6 (C) in subparagraph (B), by striking “to  
7 be made”; and

8 (2) in paragraph (6), by striking “shall in-  
9 clude” and all that follows and inserting the fol-  
10 lowing: “shall include a requirement that any failure  
11 by the contractor to perform the supported contract  
12 is not excusable based on use of the support con-  
13 tract, and the contractor is to remain responsible for  
14 performance of the primary contract.”.

15 (e) REPEAL OF REPORT REQUIREMENTS.—Sub-  
16 section (f) of such section is further amended—

17 (1) in paragraph (1), by striking “Not later  
18 than” and all that follows through “the Secretary”  
19 and inserting the following: “Not later than five  
20 years after the date of the enactment of the Na-  
21 tional Defense Authorization Act for Fiscal Year  
22 2025, and every 5 years thereafter, the Secretary”;  
23 and

24 (2) in paragraph (2), by striking “Not later  
25 than” and all that follows through “the Comp-

1 troller” and inserting the following: “Not later than  
2 five years after the date of the enactment of the Na-  
3 tional Defense Authorization Act for Fiscal Year  
4 2025, and every 5 years thereafter, the Comp-  
5 troller”.



**AMENDMENT TO H.R. 8070**  
**OFFERED BY MS. SEWELL OF ALABAMA**

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

1 **SEC. 8 \_\_\_\_ . NO CONFLICTS OF INTEREST FOR FUEL SERV-**  
2 **ICES FINANCIAL MANAGEMENT CONTRACTS.**

3 (a) **CONTRACTING PROHIBITION.**—The Department  
4 of Defense shall not—

5 (1) contract with a fuel service provider (includ-  
6 ing any fuel supplier or broker), or a contractor who  
7 has subcontracted with a fuel service provider, to  
8 oversee the financial management of, or the proc-  
9 essing of fuel transactions for, the Department’s fuel  
10 network; or

11 (2) make any fuel purchases through a fuel net-  
12 work managed by a fuel service provider and admin-  
13 istered under a no-cost contract.

14 (b) **WAIVER.**—The Secretary of Defense may waive  
15 the prohibition under subsection (a) if the Secretary  
16 makes a determination that such waiver is vital to the na-  
17 tional security of the United States; and submits to Con-  
18 gress a report justifying the use of such waiver and the

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1 importance of such waiver to the national security of the  
2 United States.





**AMENDMENT TO H.R. 8070**  
**OFFERED BY MR. WALTZ OF FLORIDA**

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

1 **SEC. 28** \_\_\_\_ . **MARKET SURVEY OF DOMESTIC SUPPLIERS OF**  
2 **SAND AND GRAVEL FOR MARINE CONCRETE.**

3 (a) **MARKET SURVEY REQUIRED.**—Not later than 90  
4 days after the date of the enactment of this Act, the Sec-  
5 retary of Defense shall conduct a market survey of domes-  
6 tic entities that—

7 (1) are capable of supplying sand and gravel  
8 that conforms with the standards found in the Uni-  
9 fied Facilities Guide Criteria 03–31–29 (relating to  
10 marine concrete with service life modeling); and

11 (2) have the associated marine logistical capaci-  
12 ty to load and transport the such sand and gravel  
13 to the geographic area covered by the United States  
14 Indo-Pacific Command.

15 (b) **REPORT TO CONGRESS.**—Not later than 30 days  
16 after completing the market survey under subsection (a),  
17 the Secretary of Defense shall submit to the congressional  
18 defense committees a report that includes the results of  
19 the market survey and an assessment of whether there is

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- 1 access to sufficient domestic sources of sand and gravel
- 2 to meet national security and military construction re-
- 3 quirements.

