

live fuze, or any classified or hazardous material. It is not flight certified.

d. The SDB II Practical Explosive Ordnance Disposal Trainer (PEST) is an EOD training unit with sections and internal sub-assemblies which are identical to, or correlate to, the external hardware, sections and internal subassemblies of the tactical AUR. The PEST does not contain energetics, a live fuze, classified or hazardous material. It is not flight certified.

e. The SDB II single round container, nomenclature CNU-714/U, is airtight sealable and contains a BIT harness assembly that allows for BIT testing and software reprogramming without the need for removing the cover assembly. The base assembly contains a humidity indicator, a breather valve, and a desiccant port/BIT access cover on the aft side of the container. There are also two forklift pockets located on the base assembly. Internally, the CNU-714/U contains separate upper and lower cradle assemblies. The lower cradle assembly is attached to the base assembly on top of four wire rope shock insulators, which provide shock isolation during transport. The upper cradle assembly provides an interface with standard Air Force loading equipment. The CNU-714/U lower cradle assembly contains indexing blocks that allow multiple lower cradle assemblies to be placed on the ground, side-by-side, for quick loading of a BRU-61.

f. The SDB II dual round container, nomenclature CNU-715/U, is airtight sealable and contains two BIT harness assemblies that allow for BIT testing and software reprogramming without the need for removing the cover assembly. The base assembly contains a breather valve and a desiccant port/BIT access cover on the aft side of the container. The dual container has two separate lower cradle assemblies. Each lower cradle assembly is attached to the base assembly on top of four wire rope shock insulators, which provide shock isolation during transport. The lower cradles of the CNU-715/U are not detachable from the base assembly. The cover assembly contains a humidity indicator and four latch assemblies to aid in the stacking of CNU-715/U containers on top of each other. There are also two sets of forklift pockets, laterally and longitudinally, located on the base assembly.

4. The AGM-158B Joint Air-to-Surface Standoff Missile Extended Range (JASSM ER) is an extended range low-observable, highly survivable subsonic cruise missile designed to penetrate next generation air defense systems en-route to target. It is designed to kill hard, medium hardened, soft and area type targets. The extended range over the baseline was obtained by going from a turbo jet to a turbo-fan engine and by reconfiguring the fuel tanks for added capacity. Classification of the technical data and information on the AGM-158's performance, capabilities, systems, subsystems, operations, and maintenance will range from UNCLASSIFIED to SECRET.

a. The AGM-158B Joint Air-to-Surface Standoff Missile (JASSM) software-in-the-Loop (SIL) testing assets are required for software development, integration, and test in the lab environment as well as ground mount operations before STV or Live Fire assets can be loaded on the aircraft to execute Airworthiness, Flight Test, and Live Fire events. These assets are for testing in the contiguous United States and will not be exported. Software development will be to the extent necessary to produce Engineering Releases needed to conduct airworthiness, integration and live fire testing. Testing equipment is CLASSIFIED.

b. The AGM-158B-2 JASSM Separation Test Vehicle (STV) is equipped with Intelligent Test Instrumentation Kit (iTIK).

These assets will be used as part of the airworthiness data collection process to ensure safe separation of the munition from the aircraft. These missiles will be handled and stored in custom individual containers. These two (2) missiles are for testing in the contiguous United States and will not be exported. Software development will be to the extent necessary to produce Engineering Releases needed to conduct airworthiness, integration and live fire testing.

c. The AGM-158B-2 (JASSM) Instrumented Test Vehicle (ITV) is equipped with iTIK. This asset will be utilized to capture flight data information in a "Captive Carry" configuration. The information collected will ensure the munition can be safely carried and is required as part of the airworthiness process prior to launch of the STV, JTV, and the Live Fire asset. These missiles will be handled and stored in custom individual containers. This missile is for testing in the contiguous United States and will not be exported. Software development will be to the extent necessary to produce Engineering Releases needed to conduct airworthiness, integration and live fire testing.

d. The AGM-158B-2 JASSM Jettison Test Vehicle (JTV) is not equipped with an iTIK. These assets will be used as part of the airworthiness data collection process to ensure safe jettison of the munition from the aircraft. These missiles will be handled and stored in custom individual containers. These two (2) missiles are for testing in the contiguous United States and will not be exported. Software development will be to the extent necessary to produce Engineering Releases needed to conduct airworthiness, integration and live fire testing.

e. The AGM-158B-2 JASSM Maintenance Training Missile (DATM) is a missile for maintenance (Weapon Load Crew) training with container.

5. The GBU-31 Joint Direct Attack Munition (JDAM) is a 2,000-lb Internal Navigation System/Global Positioning System (INS/GPS) guided precision air-to-ground munition. The GBU-31 consists of a KMU-556 warhead specific tail kit, and MK-84 bomb body.

6. The GBU-38 Joint Direct Attack Munition (JDAM) is a 500-lb Internal Navigation System/Global Positioning System (INS/GPS) guided precision air-to-ground munition. The GBU-38 consists of a KMU-572 warhead specific tail kit, and MK-82 bomb body.

7. The GBU-54 Laser Joint Direct Attack Munition (LJDAM) is a 500-lb JDAM which incorporates all the capabilities of the JDAM guidance tail kit and adds a precision laser guidance set. The LJDAM gives the weapon system an optional semi-active laser guidance in addition to the Internal Navigation System/Global Positioning System (INS/GPS) guidance. This provides the optional capability to strike moving targets. The GBU-54 consists of a laser guidance set, KMU-572 warhead specific tail kit, and MK-82 bomb body.

8. The AGM-154 JSOW is used by Navy, Marine Corps, and Air Force, and allows aircraft to attack well-defended targets in day, night, and adverse weather conditions. The JSOW C and C-1 utilize GPS/INS guidance and an uncooled imaging infrared seeker for terminal guidance, Autonomous Acquisition, and provides a precision targeting, 500-lb-class tandem warhead that is the Navy's primary standoff weapon against hardened targets. The JSOW C-1 added the Link-16 datalink enabling a robust and flexible capability against high-value stationary land targets and moving maritime target capability. JSOW C-1 can fly via two dimensional and three dimensional waypoints to the target, offering the optimal path around Integrated Air Defense Systems (IADS).

The JSOW incorporates components, software, and technical design information that

are considered sensitive. The following JSOW-C components being conveyed by the proposed sale include the GPS/INS, IIR seeker, INS OFP software and missile operational characteristics and performance data. These elements are essential to the ability of the JSOW-C missile to selectively engage hostile targets under a wide range of operational, tactical, and environmental conditions.

9. The highest level of classification of defense articles, components, and services included in this potential sale is SECRET.

10. If a technologically advanced adversary were to obtain knowledge of the specific hardware or software elements, the information could be used to develop countermeasures that might reduce weapon system effectiveness or be used in the development of a system with similar or advanced capabilities.

11. A determination has been made that Finland can provide substantially the same degree of protection for the sensitive technology being released as the U.S. Government. This sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification.

12. All defense articles and services listed in this transmittal have been authorized for release and export to Finland.

#### NUCLEAR SCIENCE WEEK

Mr. RISCH. Mr. President, I rise today to call attention to Nuclear Science Week, Oct. 19-23.

Established in 2010, Nuclear Science Week aims to educate the public on the five pillars of nuclear science: carbon-free energy, global leadership, transformative healthcare, innovation and technology, and space exploration.

In Idaho, Nuclear Science Week is especially important because we host the Nation's lead national laboratory for nuclear energy research and development: Idaho National Laboratory.

In 2019, INL celebrated its 70th anniversary. The laboratory's rich research legacy includes 52 test reactors built and deployed in the eastern Idaho desert, and empowerment of a nuclear energy industry that today produces nearly 20 percent of our Nation's electricity and more than half our zero-carbon emitting electricity.

INL research helped develop America's nuclear Navy, which has contributed to U.S. national security efforts for decades. Research at INL's Advanced Test Reactor, which has been in operation for more than a half century, allowed for the modernization of our nuclear Navy, whose ships and submarines can now operate for decades without costly and time-consuming refueling.

Nuclear Science Week allows us to focus attention on the training, education, and empowerment of the future energy workforce, students across America who will develop the technological breakthroughs of the future. In the meantime, INL remains at the forefront of our Nation's effort to develop and deploy advanced nuclear technologies, including small modular nuclear reactors and microreactors.

As the home of the National Reactor Innovation Center, INL's world-class

researchers, working with industry, will develop those technologies that allow us to retain our world leadership role in nuclear energy while ensuring economic prosperity and environmental protection.

In reference to the fifth pillar of nuclear science, space exploration, all of us in Idaho are proud to say that INL played an important role in the recent launch of the 2020 Mars Rover by assembling and testing the nuclear power system that will allow NASA scientists to learn more about our universe.

I am honored to represent this important national laboratory, which embodies the traits that built our Nation: scientific achievement, the pursuit of knowledge, and curiosity.

By spreading the word about Nuclear Science Week and inspiring our youth, we will make the world a better place for everyone.

#### RECOGNIZING EASTON ELEMENTARY SCHOOL

Ms. COLLINS. Mr. President, I am delighted to commend Easton Elementary School in Easton, ME, on being named a 2020 National Blue Ribbon Exemplary High Performing School. Serving 128 students from pre-kindergarten through sixth grade, this outstanding school is one of only 367 schools across the country this year to receive Blue Ribbon recognition from the U.S. Department of Education.

Created in 1982, the Blue Ribbon Schools Program honors public and private schools that are either academically superior in their States or that demonstrate significant gains in student achievement. The schools singled out for this national recognition are models of high educational standards and accountability.

Easton is a rural community of 1,300 residents in Aroostook County, just 20 miles from my hometown of Caribou. It is a small town with a big commitment to education.

Easton Elementary School's mission is to achieve academic excellence in a safe and nurturing environment of fairness, respect, and caring. All students are provided with personal enrichment opportunities and work with teachers and staff to set their own learning goals.

The core curriculum is math, literacy, and social studies, with a particular focus on science. Students regularly visit the renowned Francis Malcolm Science Center in Easton, which has a planetarium, interactive laboratory, and nature studies area.

In addition to strong theater and music programs, the school places an emphasis on helping students develop healthy lifestyles. The relationship between the school and the Easton Recreation Department provides students with opportunities for traditional sports programming, as well as cooking lessons and babysitting courses.

Citizenship is an important part of the curriculum. Students participate in

activities to support polio vaccine distribution, cancer research, and Down syndrome awareness. Easton is an agricultural community, and the school continues the Aroostook County tradition of starting the school year early to accommodate a 3-week break in the fall so students can help local farmers with the potato harvest. An active parent-teacher organization helps to forge a strong bond between the school and the community.

I applaud the administrators, teachers, staff, and parents of Easton Elementary School. Together, they are succeeding in their mission to build students' confidence and generate momentum for learning. I am pleased that the U.S. Department of Education has selected Easton Elementary School for this well-deserved honor, and I congratulate the entire community for this outstanding achievement.

#### RECOGNIZING MARY SNOW ELEMENTARY SCHOOL

Ms. COLLINS. Mr. President, I am delighted to commend Mary Snow Elementary School in Bangor, ME, on being named a 2019 National Blue Ribbon Exemplary High Performing School. Serving 240 students in the fourth and fifth grades, this outstanding school is one of only 367 schools across the country this year to receive Blue Ribbon recognition from the U.S. Department of Education.

Created in 1982, the Blue Ribbon Schools Program honors public and private schools that are either academically superior in their States or that demonstrate significant gains in student achievement. The schools singled out for this national recognition are models of high educational standards and accountability.

The Blue Ribbon designation continues a tradition of quality education in Bangor. Last year, the pre-kindergarten through third grade Fruit Street Elementary School, which sends students to Mary Snow, was recognized as a Blue Ribbon School.

Although students attend Mary Snow School for only 2 years, teachers and staff strive to build positive relationships with students and their families and create a welcoming atmosphere. The school involves families by hosting 10 events each year that encourage parents and guardians to become involved in their child's education.

The Bangor School Department's mission is "Academic Excellence for All." At Mary Snow, students are encouraged to develop their full potential. The core curriculum of language arts, math, science, and social studies is rigorous, yet provides the flexibility for individual students to learn at their own pace.

Mary Snow is committed to helping students pursue their interests and to discover new ones. Strong visual and performing arts programs encourage creativity. Physical education encourages healthy lifestyles. Technology is

integrated into the classroom so that students develop the skills to succeed in the 21st century economy.

Faculty, parents, and community members are committed to both academic excellence and each child's social, emotional, and physical health. Faculty work to ensure a safe and secure learning environment and to develop strong and collaborative relationships with parents and community members. An active parent-teacher organization supports enriching educational activities and promotes excellence and innovation by funding special projects and initiatives.

I applaud the administrators, teachers, staff, and parents of Mary Snow Elementary School. Together, they are succeeding in their mission to build students' confidence and generate momentum for learning. I am pleased that the U.S. Department of Education has selected Mary Snow Elementary School for this well-deserved honor, and I congratulate the entire school community for this outstanding achievement.

#### RECOGNIZING POND COVE ELEMENTARY SCHOOL

Ms. COLLINS. Mr. President, I am delighted to commend Pond Cove Elementary School of Cape Elizabeth, ME, on being named a 2020 National Blue Ribbon Exemplary High Performing School. This outstanding school is one of only 367 schools across the country to receive Blue Ribbon recognition from the U.S. Department of Education.

Created in 1982, the Blue Ribbon Schools Program honors public and private schools that are either academically superior in their States or that demonstrate significant gains in student achievement. The schools singled out for this national recognition are models of high educational standards and accountability.

This prestigious designation continues Cape Elizabeth's tradition of quality education. Last year, Cape Elizabeth High School was awarded its second Blue Ribbon. Many high school and middle school students serve as volunteer mentors for elementary pupils, making a strong and positive impact on young learners.

Pond Cove serves 530 pupils from kindergarten through the fourth grade. This award recognizes the hard work and determination of students, teachers, and staff. It is a top-performing school on State-required assessments, and educators at the school use assessments throughout the academic year as a tool for improving and customizing instruction. A strong commitment to professional development ensures that teachers and staff, as well as students, are lifelong learners.

Pond Cove excels as a school built on a foundation of the school district's values of community, academics, passion, and ethics. Through a unique tradition of adding links to a paper chain