Stenographic Transcript Before the

COMMITTEE ON ARMED SERVICES

UNITED STATES SENATE

HEARING TO CONSIDER THE NOMINATIONS OF: MR.
NICKOLAS H. GUERTIN TO BE DIRECTOR OF OPERATIONAL
TEST AND EVALUATION DEPARTMENT OF DEFENSE; MS.
ALEXANDRA N. BAKER TO BE DEPUTY UNDER SECRETARY
OF DEFENSE FOR POLICY; MR. JOHN P. COFFEY TO BE
GENERAL COUNSEL OF THE DEPARTMENT OF THE NAVY;
AND MR. DOUGLAS R. BUSH TO BE ASSISTANT SECRETARY
OF THE ARMY FOR ACQUISITION, LOGISTICS, AND
TECHNOLOGY.

Tuesday, October 19, 2021

Washington, D.C.

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Τ	HEARING TO CONSIDER THE NOMINATIONS OF: MR. NICKOLAS H.
2	GUERTIN TO BE DIRECTOR OF OPERATIONAL TEST AND EVALUATION
3	DEPARTMENT OF DEFENSE; MS. ALEXANDRA N. BAKER TO BE DEPUTY
4	UNDER SECRETARY OF DEFENSE FOR POLICY; MR. JOHN P. COFFEY TO
5	BE GENERAL COUNSEL OF THE DEPARTMENT OF THE NAVY; AND MR.
6	DOUGLAS R. BUSH TO BE ASSISTANT SECRETARY OF THE ARMY FOR
7	ACQUISITION, LOGISTICS, AND TECHNOLOGY.
8	
9	Tuesday, October 19, 2021
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11	U.S. Senate
12	Committee on Armed Services
13	Washington, D.C.
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15	The committee met, pursuant to notice, at 9:30 a.m. in
16	Room SD-G50, Dirksen Senate Office Building, Hon. Jack Reed,
17	chairman of the committee, presiding.
18	Committee Members Present: Senators Reed [presiding],
19	Shaheen, Gillibrand, Blumenthal, Hirono, Kaine, King,
20	Warren, Peters, Manchin, Rosen, Kelly, Wicker, Fischer,
21	Ernst, Tillis, Scott, Blackburn, Hawley, and Tuberville.
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- OPENING STATEMENT OF HON. JACK REED, U.S. SENATOR FROM
- 2 RHODE ISLAND
- 3 Chairman Reed: Let me call the hearing to order.
- 4 Before I begin my formal remarks, I would like to
- 5 recognize the passing of two extraordinary soldiers, General
- 6 Colin Powell and General Raymond Odierno. Their selfless
- 7 service to the nation, remarkable courage and remarkable
- 8 commitment to the men and women of our armed services has
- 9 sustained and inspired us all. They have left a legacy of
- 10 honor and commitment that will be a beacon for future
- 11 generations of Americans. To their families, I express our
- 12 profound sympathy. Thank you very much.
- The committee meets this morning to consider the
- 14 nominations of Mr. Nickolas Guertin to be Director of
- 15 Operational Test and Evaluation; Ms. Alexandra Baker to be
- 16 Deputy Under Secretary of Defense for Policy; Mr. John
- 17 Coffey to be General Counsel of the Department of the Navy;
- 18 and Mr. Douglas Bush to be Assistant Secretary of the Army
- 19 for Acquisition, Logistics, and Technology. I thank the
- 20 nominees for their long careers of service to the United
- 21 States and their willingness to assume these important
- 22 roles.
- I would also like to welcome the family members who are
- 24 with us today. Mr. Guertin, I welcome your wife, Maria,
- 25 son, Enrico, and daughter, Isabella; Ms. Baker, I welcome

- 1 your husband, Sam; Mr. Coffey, I welcome your wife, Anne,
- and son, Connor; and Mr. Bush, I welcome your wife,
- 3 Patricia.
- 4 Mr. Guertin, you are nominated to be the Director of
- 5 Operational Test and Evaluation, or DOT&E. This position is
- 6 responsible for all operational and live fire review,
- 7 testing, and evaluation activities. Your long career of
- 8 technology and weapons development in military, industry,
- 9 and academic roles should serve you well.
- There are a number of challenges that will require your
- 11 attention within the Department. Of note, it is important
- 12 for DOT&E to be independent and resist pressure from the
- 13 services and industry to deploy systems that are not yet
- 14 operationally effective. You will be responsible for
- oversight of a number of programs, including the F-35, the
- 16 Army Integrated Visual Augmentation System, the Navy Ford-
- 17 class carrier, space satellite systems, and missile defense
- 18 programs. While there is always a demand to move more
- 19 rapidly in acquisition, it is critical that you ensure we do
- 20 so prudently. Indeed, we must move both rapidly and
- 21 prudently in acquisition.
- 22 Another challenge will be developing ways to test new
- 23 information technology programs, including commercial cloud
- 24 computing services, as well as ensuring robust cybersecurity
- 25 testing on all systems. In addition, concerns have been

- 1 raised about potential reductions in the workforce that
- 2 supports live fire testing. I would ask that you share your
- 3 plan on addressing these challenges.
- 4 Ms. Baker, you are nominated to serve as Deputy Under
- 5 Secretary of Defense for Policy. Your current role as
- 6 Senior Director for Strategic Planning on the National
- 7 Security Council and previous experiences in Congress, the
- 8 DoD, and OMB will be valuable in this new position.
- 9 If confirmed, you will have a broad scope of
- 10 responsibility in advising and assisting the Under Secretary
- of Defense for Policy and the Secretary of Defense on a
- 12 range of issues, including strategic competition with a
- 13 rising China, the COVID-19 pandemic, cyber threats, and
- 14 climate change.
- In the immediate term, the Policy office is revising
- 16 the 2022 National Defense Strategy. The NDS will play a
- 17 critical role in defining the United States' national
- 18 security priorities, but coordinating it across the
- 19 Department and the Federal Government will be a challenge.
- 20 I hope you will share how you plan to integrate the NDS with
- 21 the Administration's whole-of-government approach.
- In the coming months, the Department will also publish
- 23 its Nuclear Posture Review. I am interested in your
- 24 testimony on a number of issues relating to the Nuclear
- 25 Posture Review, including modernization of all three legs of

- 1 the triad, updating our nuclear facilities, the role of arms
- 2 control, and ongoing strategic stability talks.
- Mr. Coffey, you are nominated to be General Counsel of
- 4 the Department of the Navy. This position is responsible
- 5 for providing legal services throughout the Department in a
- 6 vast array of fields, including acquisition-related law,
- 7 arms control, business and commercial law, and national
- 8 security-related law, among many others. The General
- 9 Counsel also assists in ethics, intelligence, criminal
- 10 investigation, and law enforcement activities. I would note
- 11 your extensive legal career in the Navy, and you should be
- 12 well prepared for this very responsible job.
- One of Secretary Austin's priorities is to eradicate
- 14 extremism within the ranks. While we continue to believe
- that the number of extremists in the ranks remains very
- 16 small, even one is too many, and I hope you will share your
- 17 views on how you will approach this issue, especially as the
- 18 line between action, thought, and speech becomes much more
- 19 difficult to define.
- Mr. Bush, you are nominated to be Assistant Secretary
- 21 of the Army for Acquisition, Logistics, and Technology. If
- 22 confirmed, you will oversee Army research, development,
- 23 acquisition, program sustainment, and logistics activities
- 24 as the Army is undertaking it most expansive modernization
- 25 effort in decades. You will be well served by your

- 1 experience which includes nearly two decades of
- 2 congressional legislative work, including with the House
- 3 Armed Services Committee. You will be responsible for
- 4 balancing the need for rigorous cost management with the
- 5 need to move quickly and use tailored acquisition
- 6 approaches. To achieve this, it will be necessary to
- 7 strengthen the Army's workforce and capacity while improving
- 8 data available to the Army and DoD to more effectively
- 9 acquire and sustain Army weapon systems.
- 10 Importantly, you will also be responsible for
- overcoming the so-called "Valley of Death," ensuring that
- 12 the Army is able to turn research innovations into real
- 13 operational capabilities. This will require strengthening
- 14 connections between research and engineering activities and
- 15 the Army's acquisition programs and defense contractors. It
- 16 will also include investing in and protecting the people and
- 17 infrastructure at organizations like the Army's labs and
- 18 test ranges. I look forward to hearing how you will address
- 19 these challenges.
- Thank you, again, to our nominees.
- 21 Senator Inhofe is unable to join us this morning, but I
- 22 will request unanimous consent to include his opening
- 23 statement in the record. Without objection, so ordered.
- [The opening statement of Senator Inhofe follows:]

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          Chairman Reed: Now, Mr. Guertin, could you please give
     your statement.
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- 1 STATEMENT OF NICKOLAS GUERTIN, NOMINEE TO BE DIRECTOR
- 2 OF OPERATIONAL TEST AND EVALUATION, DEPARTMENT OF DEFENSE
- Mr. Guertin: Chairman Reed, Ranking Member Inhofe, and
- 4 distinguished members of the committee, it is a privilege to
- 5 be with you here today. I am humbled to be considered to
- 6 serve as the Director of Operational Test and Evaluation. I
- 7 would like to thank President Biden, Secretary Austin, and
- 8 Deputy Secretary Hicks for entrusting me with this
- 9 nomination. I would also like to thank my family, who you
- 10 see behind me, for their support: Maria, my wife of almost
- 11 20 years and our twin children, Enrico and Isabella, of whom
- 12 we are both immensely proud.
- The greatest asset of the Department of Defense is
- 14 undoubtedly its people. Our men and women in uniform and
- our civilian and contractor workforce make the American
- 16 military the best in the world. However, our ability to
- 17 defend the Nation also depends on the capabilities of our
- 18 technologies, which must be tested as they would be used in
- 19 combat. Injecting operationally realistic testing early
- into a program's development allows the Department to
- 21 implement affordable, comprehensive changes, making the best
- 22 and most efficient use of taxpayer resources, and
- 23 ultimately, achieving the greatest possible performance.
- 24 Transparency on the results of those tests are critical to
- ensuring the most effective, suitable, survivable, and where

- 1 necessary, lethal performance. If confirmed, I am committed
- 2 to ensuring that the office of the Director for Operational
- 3 Test and Evaluation will deliver an independent, objective,
- 4 and authoritative evaluation of system performance to you
- 5 and to Secretary Austin.
- 6 Testing the way we fight in the future will require
- 7 evolutionary and revolutionary changes, ones that cannot be
- 8 successfully planned or implemented without teamwork. It
- 9 will require increased reliance on state-of-the-art test
- infrastructure and tools, and a well-trained test and
- 11 evaluation workforce in order to support faster and more
- 12 efficient evaluation of complex, interconnected systems in a
- joint, multi-domain operational environment. It will
- 14 require reliance on innovative methods like credible virtual
- environments and modeling and simulation tools to complement
- on-range and laboratory testing. If confirmed, I am
- 17 committed to working closely with our research and
- 18 engineering community, acquisition programs, and the
- 19 Services so that together we can most effectively deliver
- 20 capability to the Joint Force.
- I take this commitment to national security seriously,
- 22 having spent the past four decades working on, developing,
- testing, fielding, and researching the acquisition of
- 24 military systems. I started my career as an enlisted
- 25 nuclear power plant operator on submarines. I later

- 1 transitioned to the Reserves and after graduating college,
- 2 landed a job as a Navy civilian engineer. Shortly
- 3 afterwards I was also commissioned as a Navy Reserve
- 4 engineering duty officer. This citizen-sailor pairing would
- 5 serve me well for the following decade by keeping me
- 6 grounded in what it took to do maintenance, operations, and
- 7 testing in the fleet, while also developing new systems.
- 8 Testing had long been a central tenet to this experience,
- 9 from developing automated test equipment for weapon
- 10 components, to testing and deploying new sensors and combat
- 11 management systems that were built to change and improve
- 12 over time.
- 13 Improving acquisition practices for national security
- 14 systems has long been a passion of mine. It started when I
- was fortunate enough to be on the team that pioneered the
- 16 use of open architectures for sonar systems in the mid-
- 17 1990s. I have been on the forefront of developing and
- 18 applying a wide array of improved acquisition practices, and
- 19 helping others do the same ever since. More recently, while
- 20 at Carnegie Mellon University's Software Engineering
- 21 Institute, I learned a great deal more about the evolving
- 22 practices of software-reliant system architectures, test
- automation, artificial intelligence and machine learning, to
- 24 name a few. While at the SEI, I have also extended the
- 25 research I performed while in government on advanced systems

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    development methods for improving DoD acquisition.
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         As Secretary Austin has testified, "We have the
    greatest equipment in the world." If confirmed, it is my
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    objective to ensure that assessment continues to hold true,
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    providing for the best-trained, best-equipped, and most
    capable fighting force in the world. It would be an honor to
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    contribute to that mission, and to serve as the Director of
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    Operational Test and Evaluation. Thank you.
         [The prepared statement of Mr. Guertin follows:]
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Chairman Reed: Thank you very much, Mr. Guertin.
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     Baker, please.
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- 1 STATEMENT OF ALEXANDRA BAKER, NOMINEE TO BE DEPUTY
- 2 UNDER SECRETARY OF DEFENSE FOR POLICY
- Ms. Baker: Thank you, Mr. Chairman. Thank you also to
- 4 the Ranking Member and members of this committee. It is an
- 5 honor to be before you today as President Biden's nominee
- 6 for the position of Deputy Undersecretary of Defense for
- 7 Policy. I am grateful to the President, Secretary Austin,
- 8 and Undersecretary Kahl for their trust and confidence in
- 9 me.
- I want to thank my husband, Sam, who is here with me
- 11 today and who shares my deep commitment to the values this
- 12 nation was founded upon. I also want to acknowledge my
- 13 mother, who is watching at home, and who came to this
- 14 country as a refugee and taught me the importance of giving
- back, and my father, who enlisted in the Army in 1969, and
- 16 who always considered his military service to be the
- 17 formative experience of his life. He passed away earlier
- 18 this year, but it is my honor to continue the family
- 19 tradition of service.
- The job of the Department of Defense is to deter
- 21 adversaries and to fight and win the nation's wars should
- 22 deterrence fail -- in short, to keep Americans safe. There
- is no more sacred mission. Today we have entered a new era
- of strategic competition, and we must update our policies,
- our operations, our capabilities, and our workforce to meet

- 1 the moment. I believe that there is no time to waste.
- 2 China is the pacing challenge for the Department. As
- 3 the President's Interim National Security Guidance states,
- 4 it is the only competitor that is capable of combining its
- 5 economic, diplomatic, military, and technological power to
- 6 mount a sustained challenge to a stable and open
- 7 international system. To meet this challenge, we will need
- 8 to invest in capabilities that are relevant not to the last
- 9 fight but to future ones. We will need creative and agile
- 10 operational concepts and plans that rapidly assimilate and
- 11 take advantage of technological advances. We will need a
- 12 high-end, combat-capable, and ready force that is forward
- 13 positioned, distributed, and resilient. We will need to
- operate seamlessly across all domains, and we will need
- increased interoperability with strong and capable partners
- 16 and allies who are proficient in their warfighting roles.
- 17 If I am confirmed, I will work tirelessly to support those
- 18 priorities.
- 19 As the NSC's Senior Director for Strategic Planning, I
- 20 have been tasked with drafting the President's national
- 21 security strategy and coordinating it with our departments
- 22 and agencies, and as well with our closest allies and
- 23 partners. At the same time, the Department has been
- 24 updating the National Defense Strategy, building on the
- 25 strong foundation provided in the 2018 NDS to reflect new

- 1 developments in the strategic environment and new insights
- 2 about the intentions and the capabilities of our
- 3 adversaries. If confirmed, my first priority will be to
- 4 help implement the NDS, with a focus on better integrating
- 5 Policy's work with other DoD components, with our
- 6 interagency partners, and with our allies.
- 7 Beyond implementing the NDS, if confirmed, I will also
- 8 seek to support the Under Secretary in executing his
- 9 priorities. These include rising to the challenge China
- 10 poses. It includes defeating the COVID-19 pandemic, which
- 11 remains the most immediate threat to U.S. national security
- 12 and to the health, safety, and readiness of our men and
- 13 women in uniform.
- We also continue to face a growing cyber threat from
- 15 both state and non-state actors, including to our critical
- 16 infrastructure. The Department will need to continue to
- 17 defend forward to protect its networks, while building the
- 18 resilience necessary to deny our adversaries' ability to
- 19 threaten our nation in this domain.
- 20 Climate change represents another Department-wide
- 21 focus, given its potential to drastically change the
- 22 operational environment, and its current impact on our bases
- 23 and facilities around the world. If confirmed, I am
- 24 committed to ensuring that Policy is best positioned to
- 25 advance these priorities.

- 1 We have the greatest military in the world, but at the
- 2 end of the day it is about people, both our servicemembers
- 3 and civilian workforce. I believe that Policy is the
- 4 beating heart of the Office of the Secretary of Defense. It
- 5 is the place where deep expertise and longstanding regional
- 6 relationships meet next-generation approaches that integrate
- 7 new concepts, new ideas, and new warfighting capabilities.
- 8 The Policy organization has been challenged in recent
- 9 years, and if confirmed in this role I will seek to assist
- 10 the Under Secretary in leading and renewing the
- organization, breaking down silos, facilitating
- 12 communication and cooperative approaches, and improving
- 13 effectiveness. My commitment to the workforce will be to
- 14 focus relentlessly on organizational health and morale, so
- 15 that Policy is postured to provide a strong and constructive
- 16 civilian voice in the Department for years to come.
- 17 As a former Senate staffer, I have a deep appreciation
- 18 for the critical role that this committee and this body
- 19 plays. I want to express my gratitude to the committee for
- 20 its many decades of bipartisan, cooperative focus on the
- 21 defense of our nation and for your thoughtful oversight of
- 22 our military. If confirmed, I look forward to working with
- you in a spirit of partnership to continue that tradition.
- 24 Thank you for your consideration, and I look forward to
- 25 your questions.

Τ	[The	prepared	statement	Οİ	Ms.	Baker	iollows:]	
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           Chairman Reed: Thank you, Ms. Baker. Mr. Coffey,
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- 1 STATEMENT OF JOHN COFFEY, NOMINEE TO BE GENERAL
- 2 COUNSEL OF THE DEPARTMENT OF THE NAVY
- 3 Mr. Coffey: Thank you, Chairman Reed and other
- 4 distinguished members of this committee. I want to begin by
- 5 thanking my wife of over 32 years, Anne, and our children
- 6 Kate, Cameron, and Conor. I cannot say enough about what
- 7 their support, and patience, has meant as I pursued parallel
- 8 careers in the law and in the Navy. I am so pleased that
- 9 Anne and Conor could be here today.
- I am very grateful to President Biden for his trust and
- 11 confidence in nominating me to serve as General Counsel of
- 12 the Department of the Navy. I thank the committee and its
- 13 staff for making time over the past few weeks to discuss my
- 14 nomination. I am eager to return to public service, and
- 15 hope to earn your support.
- I would like to address briefly, why I believe that, if
- 17 confirmed, I would bring a number of pertinent strengths to
- 18 the role of Navy General Counsel. First, I have for over 30
- 19 years led a varied career in the law, including several
- 20 years as a Federal prosecutor in the Southern District of
- 21 New York and as a civil litigator handling some of the
- 22 Nation's most challenging and impactful cases. I have
- 23 experience solving difficult problems, building effective
- 24 teams, providing candid, timely counsel, and advocating for
- 25 my clients' interests.



- Second, I served in the United States Navy for over 30
- 2 years, as a midshipman at the Naval Academy, on active duty
- 3 for 8 years, and, after graduating from Georgetown Law's
- 4 night program while I was stationed here in Washington, as a
- 5 reservist for 18 years. I served in several operational
- 6 roles, including as a P-3 Orion mission commander tracking
- 7 Soviet submarines, and I was privileged to be selected twice
- 8 for command. In Washington, I had the opportunity to serve
- 9 as personal aide to Vice President George H. W. Bush and to
- 10 serve in various Pentagon policy and planning roles.
- 11 Third, I bring the perspective of a child of
- 12 immigrants. I am humbled by the opportunity that, if
- 13 confirmed, I could once again serve the country that drew my
- 14 parents here from Ireland seven decades ago. I grew up in a
- 15 home where my six younger siblings and I were told, on a
- 16 near-daily basis, that if we did our homework, applied
- ourselves, and went to Mass, there was no limit to what we
- 18 could accomplish in America.
- Our family went through some tough times--my Dad was a
- 20 construction worker who was out of work when the economy
- 21 went sour--but our parents always reminded us that we were
- 22 lucky because we were American, and that because we had been
- 23 given this great gift, much was expected of us.
- These principles have animated much of my life, leading
- 25 me to take the oath of office to protect and defend our

- 1 Constitution as a 17-year-old midshipman at Annapolis and,
- 2 after completing my obligated service, to continue to serve
- 3 in the Reserve for almost two decades while juggling a
- 4 family and career in New York. And, Senators, it is why I
- 5 sit here today, ready, if confirmed, to bring all of my
- 6 experience, energy, and love of country to the role of Navy
- 7 General Counsel.
- If confirmed, my top priority would be to ensure that
- 9 the Office of the General Counsel robustly supports the
- 10 mission of the Navy and Marine Corps by providing the
- 11 timely, candid, and accurate legal advice they need to carry
- out their missions successfully. If confirmed, I would also
- 13 focus on taking care of our Sailors, Marines, Department
- 14 civilians, and their families, which I know firsthand as my
- tour as commanding officer enables mission success. And, if
- 16 confirmed, I would seek to promote a culture where ethical
- 17 decision-making is paramount throughout the Department of
- 18 the Navy.
- 19 Relatedly, I would work hard to leverage the office to
- 20 ensure that every taxpayer dollar that the Navy is given is
- 21 spent wisely, fully accounted for, and subject to effective
- 22 oversight and full transparency to this committee and to the
- 23 American public.
- 24 If confirmed, I look forward to working with Navy
- 25 Secretary Del Toro, the senior leadership of the Pentagon,

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    and this committee, doing so in the bipartisan tradition
     that is a prized hallmark of this committee.
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          Thank you for your consideration of my nomination.
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     look forward to answering your questions.
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          [The prepared statement of Mr. Coffey follows:]
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           Chairman Reed: Thank you, Mr. Coffey. Mr. Bush,
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- 1 STATEMENT OF DOUGLAS BUSH, NOMINEE TO BE ASSISTANT
- 2 SECRETARY OF THE ARMY FOR ACQUISITION, LOGISTICS, AND
- 3 TECHNOLOGY
- 4 Mr. Bush: Chairman Reed, Ranking Member Inhofe, and
- 5 members of the committee, I am honored to appear before you
- 6 today as President Biden's nominee to be Assistant Secretary
- 7 of the Army for Acquisition, Logistics, and Technology. I
- 8 am humbled by the faith President Biden, Secretary Austin,
- 9 and Secretary Wormuth have placed in me by nominating me to
- 10 fill this critical role in the United States Army. I am
- 11 also humbled to sit before you, leaders of an institution,
- 12 the United States Congress, where it was my honor and
- 13 privilege to serve as a staff member for almost 19 years.
- I would like to start by thanking the many people who
- 15 have supported me during my 28 years of public service,
- 16 starting with my wife, Trisha, who has been at my side for
- 17 24 of those years, my father and mother, Donald and Sandra
- 18 Bush, who sacrificed greatly to give me every opportunity in
- 19 life to succeed, and the many superb Army officers and
- 20 noncommissioned officers who taught me what it means to
- 21 serve my country and to lead soldiers, both at West Point
- 22 and during my time as a young officer.
- Here in Congress, I was fortunate to work for many
- 24 members on both sides, but I owe my chance to serve in
- 25 Congress especially to Senator Bill Nelson, Congressman Jim

- 1 Cooper, Congressman Neil Abercrombie, Congressman Ike
- 2 Skelton, and House Armed Services Committee Chairman Adam
- 3 Smith.
- 4 Finally, I want to thank the outstanding Army officers
- 5 and civilians I was honored to work with during my 6 months
- 6 as an Acting Assistant Secretary of the Army earlier this
- 7 year. If confirmed, I am eager to take on the challenge of
- 8 leading the Army's acquisition enterprise during a period of
- 9 dramatic change. The Army is in the early years of what
- 10 promises to be its most significant equipment modernization
- in nearly 40 years.
- 12 If confirmed, I would be responsible for bringing to
- 13 fruition many efforts that a talented and dedicated group of
- 14 Army military and civilian leaders who came before me set in
- 15 motion. Having supported congressional oversight of Army
- 16 programs for many years, and serving in the role I have been
- 17 nominated for in an Acting capacity for 6 months, I am
- 18 confident I know how to achieve this goal.
- 19 If confirmed, I would work diligently to meet the
- 20 objectives of Secretary Wormuth, other Department senior
- 21 leaders, and Congress. My priorities would include the
- 22 following. First, I would place a laser-like focus on
- 23 program execution and performance to ensure rapid delivery
- of improved equipment to our soldiers. For many years,
- 25 Congress has directed acquisition reforms on accelerating

- 1 the pace of delivery. I will orient my decisions toward
- 2 taking action to advance programs and deliver effective
- 3 equipment, while ensuring appropriate oversight of program
- 4 cost and performance.
- 5 Second, I believe the Army must get better at acquiring
- 6 software, using all the available tools that Congress has
- 7 provided. Many efforts are underway to shift software
- 8 acquisition from an industrial age to an information age
- 9 approach. If confirmed, I intend to further accelerate
- 10 those efforts.
- 11 Third, the Army must return to a focus on security in
- 12 its acquisition efforts, including cybersecurity and supply
- 13 chain security. Both are necessary to deliver capabilities
- 14 uncompromised by the aggressive efforts of China, Russia,
- 15 and other countries.
- 16 Fourth, I believe that realistic operational testing is
- 17 an aid, rather than a hindrance, to delivering effective
- 18 equipment for the Army. Taking a little extra time and
- 19 effort to fully test systems up front ensures that
- 20 contractors are held accountable and problems are identified
- 21 on test ranges rather than in combat.
- Finally, and most critically, I will work to ensure
- 23 Army modernization is closely coordinated with Congress.
- 24 The Army cannot achieve any of its modernization goals
- 25 without the support of, and partnership with, Congress.

1	In closing, I want to assure members that while the
2	position I have been nominated for deals principally with
3	the acquisition of equipment, I am also aware of the larger
4	context our Army faces. The potential threats to our
5	military are many. We are tested by our adversaries on a
6	seemingly daily basis.
7	While Army acquisition is only a small part of
8	confronting these challenges, I believe it is also a vital
9	one. Our soldiers are the best in the world. They
10	represent the very best of America. They deserve the very
11	best equipment the country can provide. Our soldiers stand
12	on the front line of freedom around the world. Providing
13	them with what they need to deter our enemies and, if
14	necessary, fight and defeat them, is an enormous
15	responsibility. It is one that, if confirmed, I will take
16	very seriously every moment of every day.
17	I look forward to your questions today and, if
18	confirmed, to working with this committee to support the
19	United States Army.
20	[The prepared statement of Mr. Bush follows:]
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- 1 Chairman Reed: Thank you, Mr. Bush. Now I have a
- 2 series of questions which are directed to all civilian
- 3 nominees. You may answer together.
- 4 Have you adhered to applicable laws and regulations
- 5 governing conflicts of interest?
- 6 Mr. Guertin: Yes.
- 7 Ms. Baker: Yes.
- 8 Mr. Coffey: Yes.
- 9 Mr. Bush: Yes.
- 10 Chairman Reed: Have you assumed any duties or taken
- 11 any actions that would appear to presume the outcome of the
- 12 confirmation process?
- Mr. Guertin: No.
- Ms. Baker: No.
- 15 Mr. Coffey: No.
- Mr. Bush: No.
- 17 Chairman Reed: Exercising our legislative and
- 18 oversight responsibility makes it important that this
- 19 committee, its subcommittees, and other appropriate
- 20 committees of Congress receive testimony, briefings,
- 21 reports, records, and other information from the Executive
- 22 branch on a timely basis. Do you agree, if confirmed, to
- 23 appear and testify before this committee when requested?
- 24 Mr. Guertin: Yes.
- 25 Ms. Baker: Yes.



- 1 Mr. Coffey: Yes.
- 2 Mr. Bush: Yes.
- 3 Chairman Reed: Do you agree to provide records,
- 4 documents, and electronic communications in a timely manner
- 5 when requested by this committee, its subcommittees, or
- 6 other appropriate committees of Congress, and to consult
- 7 with the requestor regarding the basis for any good-faith
- 8 delay or denial in providing such records?
- 9 Mr. Guertin: Yes.
- 10 Ms. Baker: Yes.
- 11 Mr. Coffey: Yes.
- 12 Mr. Bush: Yes.
- 13 Chairman Reed: Will you ensure that your staff
- 14 complies with deadlines established by this committee for
- 15 the production of reports, records, and other information,
- 16 including timely responding to hearing questions for the
- 17 record?
- 18 Mr. Guertin: Yes.
- 19 Ms. Baker: Yes.
- 20 Mr. Coffey: Yes.
- 21 Mr. Bush: Yes.
- 22 Chairman Reed: Will you cooperate in providing
- witnesses and briefers in response to congressional
- 24 requests?
- 25 Mr. Guertin: Yes.

- 1 Ms. Baker: Yes.
- 2 Mr. Coffey: Yes.
- 3 Mr. Bush: Yes.
- 4 Chairman Reed: Will those witnesses and briefers be
- 5 protected from reprisal for their testimony before this
- 6 committee or any briefings they may give?
- 7 Mr. Guertin: Yes.
- 8 Ms. Baker: Yes.
- 9 Mr. Coffey: Yes.
- 10 Mr. Bush: Yes.
- 11 Chairman Reed: Thank you. And now let me begin my
- 12 round of questions.
- Mr. Guertin, as I alluded to in my opening statement,
- one of the tensions we have is we have been trying to
- 15 accelerate the acquisition process, trying to keep it within
- 16 cost outlines, and frankly, there have been some real
- 17 examples of delay and cost overruns that are difficult to
- 18 accept. And your job is to be sort of, in a way, the cop on
- 19 the street, to not let anything through that is not of great
- 20 quality and capable of doing its job. So how do you intend
- 21 to balance that need of people yelling for speed and you
- 22 saying, "Stop. This is not ready for prime time"?
- 23 Mr. Guertin: One of the hallmarks of my career has
- 24 been to be involved early in the development of products and
- 25 thinking about how they are architected before it is too

- 1 late. Setting the conditions for success early in the
- 2 development program is especially important in making sure
- 3 that you get to the place you want to in the end.
- 4 So, one of the things I would like to bring to the
- 5 operational test community is a shift-left mindset, getting
- 6 more involved in some of the early decision-makings and set
- 7 up those architectures and understanding how those systems
- 8 are going to interact with the other things around it before
- 9 the program gets so far down the road that they are going to
- 10 be in trouble later. I have been involved in enough
- 11 acquisitions and seen enough of these examples to fully
- 12 appreciate where you are coming from, and if confirmed, I
- 13 will do my utmost to make sure we minimize those kinds of
- 14 outcomes.
- 15 Chairman Reed: Thank you.
- 16 Ms. Baker, you indicated in your testimony that part of
- 17 your tasks will be to integrate a whole-of-government
- 18 strategy, including elements at the Department of Defense as
- 19 well as State as well as other nations. Can you just give a
- 20 brief sort or snapshot of how you intend to do this?
- Ms. Baker: Sure, Senator. As I said in my opening
- 22 statement, I believe that China is the only adversary that
- is capable of combining economic, diplomatic, militarily,
- 24 and technological might to pose a challenge to the United
- 25 States. I believe that they are proceeding in a whole-of-

- 1 government approach, and our response needs to be whole-of-
- 2 government as well. So, if I am confirmed, I would seek to
- 3 work closely and support the Under Secretary in working
- 4 closely with our interagency partners at the State
- 5 Department and elsewhere to ensure that our approach is
- 6 integrated, not only across military domains but across the
- 7 interagency.
- 8 Chairman Reed: Thank you very much.
- 9 Mr. Coffey, the NDS Commission, in their 2018 report,
- which has been very valuable to all of us, indicated that
- 11 there is a concern about the balance between civilian
- officials and the military within the DoD, that civilian
- 13 control, which is the essence of our government, is not as
- 14 robust as it should be. Are there any actions you believe
- 15 that need to be taken at the Department of Navy to ensure
- 16 that civilian control is foremost?
- 17 Mr. Coffey: Well, Senator, I agree. Mr. Chairman, I
- 18 agree that the principle of civilian control in the military
- 19 is paramount. I believe that with Secretary Austin at the
- 20 helm of the Pentagon and with Secretary Del Toro at the helm
- 21 of the Navy Department that they are asserting the primacy
- 22 of civilian control.
- I am unaware of any specific action that needs to be
- 24 taken to emphasize that. If confirmed, I will certainly
- work with Secretary Del Toro to see if he views that, and if

- 1 need be, take whatever actions he directs to try and
- 2 reinforce the principle that you just spoke to.
- 3 Chairman Reed: Thank you very much, Mr. Coffey.
- 4 And finally, Mr. Bush, cybersecurity is a ubiquitous
- 5 problem, so my question is, do you think the Army, at this
- 6 juncture, with your experience, is correctly postured to
- 7 address the full spectrum of cyber?
- 8 Mr. Bush: Mr. Chairman, I think the tools are in
- 9 place, and we have all the talent we need. I think now it
- is a question of coordination and activity.
- Within the acquisition world we have many efforts
- 12 underway, the Army does, to design cyber up front, to do
- more cyber testing earlier, to work more closely with Army
- 14 cyber and Army intelligence to maintain awareness of the
- 15 threat as it evolves.
- I believe over time, though, it will need to become
- 17 something that is just part of everything we do, rather than
- 18 being viewed as an additional duty. There is much work to
- 19 be made, to be done over time, to ensure that full
- 20 integration takes place.
- 21 Chairman Reed: Thank you very much, and I want to
- 22 thank the witnesses for their statements and for their
- 23 response. And let me now recognize Senator Wicker.
- Senator Wicker: Thank you very much, Mr. Chairman, and
- 25 I too want to thank the witnesses for their statements. It

- 1 seems that I have been gone.
- 2 Chairman Reed: Well --
- 3 Senator Wicker: Ms. Baker, can you hear me?
- 4 Chairman Reed: Continue, sir.
- 5 Ms. Baker: Yes, Senator, I can hear you.
- 6 Senator Wicker: Okay. I want those 15 seconds back,
- 7 Mr. Chairman.
- 8 Chairman Reed: Now the lights came on.
- 9 Senator Wicker: Here we go.
- 10 Chairman Reed: You have got them.
- 11 Senator Wicker: Ms. Baker, thank you for your
- 12 willingness to serve. You said, in your opening statement,
- 13 that China is the pacing challenge, that the job of the
- 14 Department of Defense is to deter adversaries, that there is
- 15 no time to waste. I agree with you on all of that. And
- then in answer to a question by the Chair, you referred to
- 17 China as an adversary, and I agree with that.
- Let me ask about shipbuilding. I know it is going to
- 19 come as a shock to my colleagues on the committee but in
- 20 2010, China commissioned 4 warships and the U.S.
- 21 commissioned 3. That was 2010. Five years later, China
- 22 commissioned 12 warships; the United States commissioned 2.
- 23 And in 2020, China commissioned 26 new warships, and the
- U.S. only 3. China now has the largest Navy in the world.
- 25 Are you concerned about the priority China has placed

- on naval shipbuilding, and will you commit to supporting the
- 2 statutory congressional mandate for a 355-ship Navy?
- Ms. Baker: Senator, yes, I am concerned about the
- 4 emphasis that China has put on building its fleet. I think
- 5 that China has pursued a strategy of seeking to thwart U.S.
- 6 advantages across the board, and certainly naval sea power
- 7 is one area.
- If I am confirmed, I will support the plan of record.
- 9 I would just say, in addition to everything else, that we
- 10 need to be focused not only on the number of ships, which I
- 11 agree is critically important, but also the capabilities
- 12 that those ships bring to bear.
- 13 Senator Wicker: True, but there is a congressional
- 14 mandate, signed into law, passed by the Congress, House, and
- 15 Senate, and signed by the President, for 355 ships. Is that
- 16 the plan of record that you support?
- 17 Ms. Baker: Yes, Senator, it is.
- 18 Senator Wicker: Okay. Let me switch to Taiwan. The
- 19 Republic of China owned the island of Formosa, the Taiwanese
- 20 government. It consists of 23 million citizens. They are
- 21 the 21st largest economy in the world. They operate under a
- 22 constitution that next year will be three-quarters of a
- 23 century old. Do you believe that the people of the Republic
- of China on Taiwan have the right to self-determination?
- Ms. Baker: Yes, Senator, I do.

- 1 Senator Wicker: And do you believe that preventing an
- 2 invasion of Taiwan is in the national security interest of
- 3 the United States of America?
- 4 Ms. Baker: Yes, Senator, I do.
- 5 Senator Wicker: And do you believe it is in the
- 6 national security interest of our friends and allies in the
- 7 Pacific Rim?
- 8 Ms. Baker: Yes, Senator.
- 9 Senator Wicker: Do you believe that they are currently
- 10 capable of preventing an invasion by the People's Republic
- 11 of China?
- 12 Ms. Baker: Senator, I would just say that our
- 13 commitment to supporting Taiwan's self-defense is
- 14 longstanding, it is bipartisan, and it is something that I
- 15 am prepared to support, moving forward.
- Senator Wicker: And in my judgment, the best way to
- 17 prevent military conflict between the People's Republic and
- 18 the Republic of China is for us to have an adequate Navy in
- 19 the Pacific Rim and for the United States to assist Taiwan
- in building up its defense. Do you agree with that?
- Ms. Baker: Yes, Senator, I do.
- 22 Senator Wicker: Okay. Well, thank you very much. I
- am concerned that, as a matter of policy, that the money
- 24 that this current administration is requesting for military
- 25 strength, particularly naval strength in the Pacific, is

- 1 inadequate, and I do believe we are going to find support
- 2 for that position on both sides of the dais here on this
- 3 committee. So, I look forward to working with you. But I
- 4 will tell you, we need to change the trend and reverse the
- 5 curve that we are currently facing.
- 6 Thank you, ma'am. Thank you, Mr. Chairman.
- 7 Chairman Reed: Thank you, Senator Wicker. Let me
- 8 recognize Senator Shaheen, please.
- 9 Senator Shaheen: Thank you, Mr. Chairman, and
- 10 congratulations to all of our nominees this morning, and we
- 11 very much appreciate your willingness to continue to serve
- 12 this country.
- Ms. Baker, I want to start with you, following up on
- 14 some of Senator Wicker's questions about China and the
- importance of responding to the great power competition that
- 16 we are now in. We heard, over the weekend, the reports that
- 17 China had fired a hypersonic weapon. They walked that back,
- 18 but it's very clear that they're working on that. And then
- 19 we've also heard in the last day that North Korea has just
- 20 fired two ballistic missiles.
- 21 How high up on our priority list for both our national
- 22 defense strategy and for the Department should a response to
- 23 both the hypersonic weapons and to what North Korea is
- 24 currently doing be, and how should we be approaching that?
- Ms. Baker: Thank you, Senator. As the Secretary has

- 1 said, China is the pacing threat for the Department of
- 2 Defense, and that means that we, I believe, if confirmed,
- 3 will need to have a sense of urgency about developing not
- 4 only the capabilities but the concepts of operation that
- 5 will allow us to counter some of the developments that we're
- 6 seeing, the PRC put forward. I think that they have pursued
- 7 a strategy of seeking to blunt U.S. advantages over a number
- 8 of years, so not only in terms of hypersonics but space and
- 9 counter-space, cyber. All of these are areas that, if
- 10 confirmed, I would seek to prioritize.
- 11 As it relates to North Korea, certainly their continued
- 12 unwillingness to abide by their international obligations,
- 13 the rapid pace of missile testing that we have seen in
- 14 recent weeks, all of those things are concerning. I believe
- 15 that the Department has a responsibility to maintain a
- 16 robust deterrent to ensure that we have forces positioned,
- 17 ready to fight tonight on the peninsula, in order to provide
- 18 that credible deterrent to Kim Jung-un.
- 19 Senator Shaheen: Thank you. You mentioned, in your
- 20 opening statement, the importance of personnel and that
- 21 needs to be our first priority. I was pleased to see
- 22 Secretary Austin issue some guidance around our personnel
- who might be affected by Havana syndrome or the anomalous
- 24 health incidents. But obviously there is a lot more that we
- 25 need to be doing to respond to that. We need to get to the

- 1 bottom of who is responsible and how they are orchestrating
- 2 these attacks.
- 3 So if confirmed, do I have your commitment to work
- 4 closely with this committee and provide timely updates on
- 5 matters pertaining to these attacks?
- 6 Ms. Baker: Yes, Senator, absolutely. I have friends
- 7 and colleagues who have been affected by anomalous health
- 8 incidents. I take that very personally and I will commit to
- 9 work with you on this.
- 10 Senator Shaheen: Good. Thank you.
- Mr. Guertin, I had the opportunity to go up on a KC-46
- 12 air refueling mission with a crew from the 157th Refueling
- 13 Wing at Pease in New Hampshire. We were the first Guard
- 14 base to get those KC-46 tankers. But as you know, they are
- 15 still not operating the way they are supposed to operate.
- 16 So if confirmed, do I have your commitment to ensure that
- 17 testing and evaluation for the Remote Vision System 2.0
- 18 remains on schedule?
- 19 Mr. Guertin: Yes, Senator. It is especially important
- 20 that the systems are tested the way they will be operated,
- 21 operationally, and to have those things come out as a part
- of fielding them is not the time we want to discover those
- 23 problems.
- Senator Shaheen: And will you ensure that the
- 25 committee, this committee, is notified of any further delays

- or problems with that Remote Vision System?
- 2 Mr. Guertin: Yes, Senator.
- 3 Senator Shaheen: Thank you.
- 4 Mr. Coffey, one of the big challenges that we have seen
- 5 across our military, and the Navy, unfortunately, has not
- 6 been exempt over the last decade, that has gotten a lot of
- 7 attention has been sexual assault, and obviously there have
- 8 been concerns about how to respond to that and the culture
- 9 of the military and how it seems to, if not promote at least
- 10 condone sexual assault and sexual harassment. So can you
- 11 talk about what role you can have, as legal counsel, to
- 12 addressing this issue?
- 13 Mr. Coffey: Thank you, Senator. There is no place in
- 14 the Department of the Navy or anywhere in the military for
- 15 sexual harassment, sexual assault, or any of those
- 16 destructive behaviors, no room whatsoever. I was very
- 17 distressed when I read the IRC report to see that something
- 18 that I saw in my own active-duty days and reserve duty days,
- 19 when we were first integrating women into combat units was
- 20 not only not solved, it was worse. And it is very
- 21 distressing to me.
- I am very pleased to see that the IRC gave specific
- 23 recommendations and that Secretary Austin has directed that
- 24 the Department will carry out every one of those
- 25 recommendations, albeit some with some modifications. If I

- 1 am confirmed, I would vigorously support implementing those
- 2 changes on the roadmap that the Secretary of Defense has
- 3 laid out. This is personal to me. I was in a squadron that
- 4 suffered a lot of tension and disruption due to allegations
- of sexual assault. It was a priority for me when I was a
- 6 commander, and it is distressing for me that many years
- 7 later it is still a problem in the Department.
- 8 But if I am confirmed, I am absolutely committed to
- 9 helping eradicate that scourge within the Department of the
- 10 Navy.
- 11 Senator Shaheen: Well, thank you very much. I hope
- 12 you will make it a priority. Thank you, Mr. Chairman.
- 13 Mr. Coffey: I will, Senator.
- 14 Chairman Reed: Thank you, Senator Shaheen. Senator
- 15 Tuberville, which I think this sets the record for earliest
- 16 recognition. So Senator Tuberville.
- 17 Senator Tuberville: Thank you, Mr. Chairman. Thanks
- 18 for you all being here today.
- Mr. Bush, you being a former tanker, you know Anniston
- 20 Army Depot in Alabama is the only depot in the U.S. that
- 21 performance maintenance on our tanks. Give me your thoughts
- 22 about the future of our tank use in the United States
- 23 military.
- Mr. Bush: Senator, Anniston is part of the broader
- organic industrial base that supports the whole Army, and a

- 1 vital part. We have to have it, and it has to be effective
- 2 and efficient with a good workforce. I believe as long as
- 3 the Army has heavy armored vehicles there will be a major
- 4 role for Anniston in supporting those efforts.
- 5 Senator Tuberville: Thank you. Mr. Coffey, we
- 6 recently had a young man arrested, court-martialed, because
- 7 of saying something on social media about the war in
- 8 Afghanistan. What are your thoughts on that?
- 9 Mr. Coffey: Well, Senator, I am vaguely aware of the
- 10 circumstances of which you speak and I understand it was
- 11 handled within the Uniform Code of Military Justice system,
- 12 which, of course, falls within the purview of the uniformed
- 13 lawyers within the Department. I understand that that
- 14 process may be ongoing, in at least one shape or form, so I
- would be reluctant to offer any opinion on the specific
- 16 facts of that case.
- But I will say this. I firmly believe in the First
- 18 Amendment. I believe in the right of every service member
- 19 to have the beliefs that they believe. But also if you pull
- on a uniform, as I did for 30 years, you understand that
- 21 there is a time and a place to voice those and that you are,
- 22 first and foremost, a member of the military with a chain of
- 23 command and respect for your superiors. And again, not
- 24 tying it to this specific instance, but if you disobey
- 25 direct orders, if your conduct threatens good order and

- discipline, then under the UCMJ you can, in my view, should
- 2 be held accountable, again without opining on the specific
- 3 facts of that matter, sir.
- 4 Senator Tuberville: Sure. Thank you. Ms. Baker, your
- 5 thoughts?
- 6 Ms. Baker: Senator, I am not a lawyer. I am not an
- 7 expert on UCMJ. But as Mr. Coffey said, I am --
- 8 Senator Tuberville: But you are into team-building,
- 9 right?
- 10 Ms. Baker: I do believe in prioritizing team-building.
- I think, as Mr. Coffey said, everyone is entitled to their
- 12 First Amendment rights, but at the end of the day there is a
- 13 chain of command and that is something that we will expect
- 14 our servicemembers to adhere to.
- 15 Senator Tuberville: Yeah. We are in a business here
- of team-building, as you said, and we need a strong and
- 17 vibrant military. I want to know what your opinion is and
- 18 your definition is of "extremism." Could you tell me that?
- 19 Ms. Baker: Senator, I do not know that I can give you
- 20 a textbook definition of the term.
- 21 Senator Tuberville: Well, your thoughts.
- Ms. Baker: What I can tell you is that I believe that
- 23 the vast majority of our servicemembers serve with honor and
- 24 distinction. As the Chairman said earlier, thought, to the
- 25 extent that there are individuals in the Services who are

- 1 seeking to disrupt that unity and that team-building that
- 2 you spoke of, that is something, I think, the Secretary has
- 3 indicated he intends to prioritize.
- 4 Senator Tuberville: Thank you. Thank you.
- 5 Mr. Guertin, Alabama is a fast-growing hub for
- 6 commercial engineering and software companies. What do you
- 7 believe the DoD should be doing to monitor the development
- 8 of these operational, new commercial systems that we have?
- 9 Mr. Guertin: So, Senator, the challenges we face in
- 10 using new systems that are based on commercial technologies,
- one aspect to it is the supply chain -- where are those
- 12 things coming from and are they secure and suitable for
- 13 military use. Our use case is not exactly the same as, you
- 14 know, a university or your home. So, we want to make sure
- 15 that those products are suitable to the task. But also, we
- 16 want to take advantage of commercial technologies that allow
- 17 us to move faster and effectively into the future.
- 18 Senator Tuberville: Thank you. Thank you, Mr.
- 19 Chairman, for your generosity.
- 20 Chairman Reed: Thank you, Senator Tuberville. And now
- 21 let me recognize Senator Hirono, please.
- 22 Senator Hirono: Thank you, Mr. Chairman.
- I ask the following two initial questions of all the
- 24 nominees who come before any of the committees on which I
- 25 sit, so I will ask the entire panel, in unison.

- 1 Since you became a legal adult, have you ever made
- 2 unwanted requests for sexual favors or committed any verbal
- 3 or physical harassment or assault of a sexual nature?
- 4 Mr. Guertin: No.
- 5 Ms. Baker: No.
- 6 Mr. Coffey: No.
- 7 Mr. Bush: No.
- 8 Senator Hirono: Have you ever faced discipline or
- 9 entered into a settlement related to this kind of conduct?
- 10 Mr. Guertin: No, Senator.
- 11 Ms. Baker: No.
- 12 Mr. Coffey: No.
- 13 Ms. Baker: No.
- 14 Senator Hirono: Ms. Baker, you were asked by Senator
- 15 Shaheen about China's hypersonic missiles and you said that
- 16 there would be a robust deterrent. And so I just wanted to
- 17 also mention and take note of what China is doing, and, of
- 18 course, as it impacts Hawaii, not to mention what North
- 19 Korea's missile testing is doing in the Indo-Pacific arena.
- So, I just would like to ask you, since you
- 21 acknowledged that we need to have a robust deterrent, that
- 22 the DoD budgets will reflect this kind of robust deterrence
- in either this budget or in the following budgets.
- Ms. Baker: Yes, Senator. I believe that the first
- 25 responsibility of the Department of Defense is to defend the

- 1 homeland. Of course, Hawaii is part of that. And so I
- 2 would expect that we would have robust and credible defense
- 3 of Hawaii and that we would put forward in the Indo-Pacific
- 4 a credible deterrent.
- 5 Senator Hirono: Thank you.
- 6 Mr. Coffey, earlier this month, The Washington Post
- 7 reported that Federal agents are investigating a new
- 8 corruption scandal involving alleged bribery and fraud
- 9 related to service contracts when our ships and submarines
- 10 pull into ports in Europe and the Middle East. I am
- 11 concerned that these facts are eerily reminiscent of the
- 12 Glenn Defense Marine Asia, GDMA, contracting scandal in the
- 13 Indo-Pacific.
- In a congressional hearing over 3 years ago, the Vice
- 15 Chief of Naval Operations at that time assured my
- 16 counterparts in the House that the Navy had installed new
- 17 layers of oversight in its contracting process for overseas
- 18 ports to thwart a report of the GDMA type of scandal, but
- 19 that does not seem to have worked. If confirmed, what steps
- 20 do you plan to take to ensure adequate controls are in place
- 21 to prevent fraud in these overseas shipping service
- 22 contracts?
- Mr. Coffey: Senator, there is no room in the Navy for
- 24 any type of corruption along the lines of what you have
- 25 described, and I too was distressed to read about the MLS

- 1 case a few weeks ago. I thought there were encouraging
- 2 signs in the wake of the Glenn Defense Marine scandal,
- 3 specifically the comprehensive review relating to the
- 4 uniformed lawyers in the Department and some of the
- 5 recommendations they had made, which are being carried out
- 6 and which I look forward to reviewing more closely, if
- 7 confirmed.
- 8 But it is clear that there are still problems, and if I
- 9 am confirmed, I would look to see how we can address those.
- 10 From my time as a Federal prosecutor and as a plaintiff's
- 11 lawyer, I believe in personal accountability, so I think
- 12 this is a problem that is going to need continuing focus of
- 13 leadership, focus on personal accountability, and reviewing
- 14 what continues to go wrong. I hope it is isolated, but If I
- 15 am confirmed I am going to try and get to the bottom of it.
- 16 Senator Hirono: Really, I think we need your
- 17 commitment that you will review whatever oversight
- 18 procedures are already in place, because the Navy hardly
- 19 needs these kinds of scandals.
- Mr. Guertin, the Navy's Pacific Missile Range Facility,
- 21 Banking Sands, PMRF, on Kauai, is the world's largest
- instrumented, multidimensional testing and training range.
- 23 Continuing to integrate and upgrade PMRF, along with other
- 24 ranges in the Pacific, is critical to our national security,
- 25 and why that task is included as a line of effort within the

- 1 Pacific Deterrence Initiative. Have you ever visited PMRF?
- 2 Mr. Guertin: Not yet, Senator.
- 3 Senator Hirono: I hope you will. You know, I would
- 4 like to ask you, what is the importance of this kind of
- 5 facility and the importance of this type of initiative that
- 6 I just mentioned?
- 7 Mr. Guertin: Test ranges of the kinds that we have,
- 8 especially the one in Hawaii, is critical to our ability to
- 9 test weapons systems as they would be used in combat. All
- of our facilities need to be examined for how they might be
- 11 modernized in the future. There is a great report turned
- out recently by the National Academies that highlighted some
- of the changes we need to make. If confirmed, I am looking
- 14 forward to getting into the details of that and working with
- 15 the rest of the DOT&E team to figure out to not just
- 16 modernize but also position these ranges so that they can
- 17 keep pace with the evolving needs for the long haul.
- 18 Senator Hirono: Thank you. Mr. Chairman, I just want
- 19 to note for Ms. Baker that I do appreciate your mentioning
- 20 that climate change considerations are an important part of
- 21 what you will be focusing on. And so climate change
- 22 considerations in the operations, planning, and resource
- 23 allocation decisions are very important, so I wanted to note
- 24 that.
- Ms. Baker: Yes, Senator, and I would look forward, if

- 1 confirmed, to working with you on that.
- 2 Senator Hirono: Thank you. Thank you, Mr. Chairman.
- 3 Chairman Reed: Thank you, Senator Hirono. Senator
- 4 Kaine, please.
- 5 Senator Kaine: Thank you, Mr. Chair, and Mr. Guertin,
- 6 I want to ask you some questions. You are nominated for a
- 7 very important position. One of your predecessors earlier
- 8 this year, Dr. Ray O'Toole, I think was the Acting in your
- 9 position, came before our Readiness Subcommittee and gave
- 10 the following testimony, which troubled Senator Sullivan and
- 11 I, the Chair and Ranking of the Readiness Subcommittee, and
- 12 I quote, "DoD's acquisition and T&E communities need to
- 13 address cybersecurity more comprehensively. Unfortunately,
- some programs do not properly plan for cybersecurity
- 15 assessments. More critically, due to poor system hardening
- 16 against dynamic cyber threats driven by lack of workforce,
- 17 cyber capacity, talent, and tools within the program
- 18 offices, virtually none of the programs assessed in fiscal
- 19 year 2020 were survivable against relevant cyber threats."
- That testimony was offered in an open hearing. Senator
- 21 Sullivan and I both looked at each other and said, "Is this
- 22 an open hearing?" and the witness, Dr. O'Toole, said, "I got
- this cleared for delivery of testimony in an open hearing."
- 24 But it troubled us greatly that in the programs that were
- tested by your office, should you be confirmed, in fiscal

- 1 year 2020, virtually none of the programs were survivable
- 2 against relevant cyber threats.
- 3 Do you think the survivability failures are due to poor
- 4 acquisition policy or is there a larger cultural problem
- 5 within the DoD that we need to address to solve this, you
- 6 know, shocking weakness?
- 7 Mr. Guertin: Well, Senator, getting our cybersecurity
- 8 right on our weapons systems is critically important to them
- 9 actually being useful in the field. It is very affordable
- 10 to attack our systems before they actually make it to the
- 11 field, to get to the kinetic stage of the fight, so we have
- 12 got to get this right. And again, as I mentioned earlier,
- 13 shifting left the view of the operational test community to
- 14 get into those early-stage decisions before people start on
- 15 the path to developing their products, that they get those
- 16 cybersecurity principles right up front so that when they
- 17 get out toward the end, when we are doing the actual
- operational test side of it, that they have positioned
- 19 themselves well to be able to respond to the continuous
- 20 evolving threat. It would not be a big deal if we were not
- 21 being attacked all the time, and we are, and we need to
- 22 position ourselves well for that.
- 23 Senator Kaine: You have experience both in software
- 24 development and Navy weapons development, so I think you are
- in a unique posture to make sure when we are doing

- 1 acquisition and early-stage work on these programs that we
- 2 build in cyber protections.
- A second issue that has come up recently, a family in
- 4 Annapolis was caught by the FBI offering to sell classified
- 5 information on submarine reactor and propulsion design to
- 6 another country, and that demonstrates just how damaging
- 7 insider threats can be. The news report indicated that this
- 8 particular individual was storing classified information on
- 9 an SD card, hopefully to then transfer that information to
- 10 another country. From your time with Naval Surface Warfare
- 11 Center, do you think we do enough monitoring, or have enough
- 12 monitoring systems in place, to flag potentially harmful
- 13 activity like folks storing classified information on
- 14 private SD cards?
- Mr. Guertin: Senator, I am not familiar currently with
- 16 the protection of systems that is going on in, say
- 17 specifically, Naval Surface or Undersea Warfare Center.
- 18 Having been an employee at those kinds of facilities in the
- 19 past, that they actually do have very good protections. We
- 20 did find this problem before it got out of hand, so chalked
- 21 it up as a little bit of a win, but it is also dangerously
- 22 close to getting it too far out of hand before it would be a
- 23 real problem. So, if confirmed, I will make sure that the
- 24 operational test community and the systems that we use are
- 25 well positioned to be able to capture those things before

- 1 they get out of hand.
- 2 Senator Kaine: And just, you know, to a non-expert --
- 3 I am not an expert -- are there software systems or AI
- 4 programs that you think are sufficient to identify
- 5 potentially harmful activity of the kind that, you are
- 6 right, we did catch it and stopped the family from
- 7 transferring the information. But do you think that there
- 8 is software, AI programs, that can help us ensure that this
- 9 kind of data and activity is protected?
- 10 Mr. Guertin: Senator, I could not make a definitive
- 11 statement about the specific use of machine learning or
- 12 artificial intelligence to capture that sort of activity. I
- do know that there is some research going on in that area,
- 14 form my time at the Software Engineering Institute. So if
- 15 confirmed, it would be a pleasure to look into that and find
- 16 out how we can be more effective in that area.
- 17 Senator Kaine: Great. Thank you. I appreciate it,
- 18 Mr. Chair.
- 19 Chairman Reed: Thank you, Senator Kaine. Senator
- 20 Hawley, if you are ready you may begin.
- 21 Senator Hawley: Thank you, Mr. Chairman. Thanks to
- 22 the witnesses for being here.
- Mr. Bush, if I could just start with you. I want to
- 24 talk first about something that is very important to my
- 25 state, and that is the Lake City Ammunition Plant, also

- 1 important for the Next Generation Squad Weapon. As you
- 2 know, the Lake City Army Ammunition Plant does vital work
- 3 ensuring that our warfighters are prepared and armed for any
- 4 future conflict, and in particular, that plant provides
- 5 ammunition, produces ammunition, for the Next Generation
- 6 Squad Weapon.
- 7 Here is my question. Do I have your commitment to
- 8 ensure that Lake City will receive the facility upgrades
- 9 that it needs in order to continue to produce ammunition at
- 10 the rate that we need it to?
- 11 Mr. Bush: Senator, first let me say I was recently
- 12 able to visit the facility, so I saw firsthand the great
- 13 work done there and the great people that work there.
- 14 Assuming the Army stays on its current plan for that program
- 15 it will need to build that ammunition at Lake City.
- 16 Preliminary work is underway, and should the program stay on
- 17 schedule I would expect the Army to fund production efforts
- 18 as well.
- 19 Senator Hawley: Very good. Thank you for that.
- Ms. Baker, let me come to you, and let us talk a little
- 21 bit about China, if we could. Secretary Austin, Deputy
- 22 Secretary Hicks, and Under Secretary Kahl have all testified
- that the U.S. has to maintain its ability to defeat a
- 24 Chinese fait accompli, vis-à-vis Taiwan. I have made it my
- 25 habit in this committee to ask every witness, practically,

- 1 from DoD, certainly those in a policymaking role, about this
- 2 scenario, which I think China not only being the pacing
- 3 threat but the Taiwan challenge the pacing scenario.
- 4 So if I could just ask for a yes or no from you, do you
- 5 agree with their testimony that it is vital that the U.S.
- 6 maintain the ability to defeat a potential fait accompli
- 7 against Taiwan?
- 8 Ms. Baker: Yes, Senator, I do.
- 9 Senator Hawley: Very good. And do you agree that the
- 10 Department should be prioritizing this scenario as it
- 11 develops plans, concepts, and capabilities for the future?
- 12 Ms. Baker: Yes, Senator, I do. I think a Taiwan
- 13 contingency is certainly among the most stressing scenarios
- 14 that we can be planning for, and for that reason it is
- 15 critical that we prioritize it.
- 16 Senator Hawley: Great. I am glad to hear that. Let
- 17 me ask you about another aspect of this. Admiral Davidson
- 18 and Admiral Aquilino have both testified to this committee
- 19 that China may attempt a fait accompli in Taiwan before the
- 20 end of this decade. Now it is widely thought that this is
- 21 possible in the 2030s, but what caught my attention from
- 22 both of them was their testimony that this is something we
- 23 should be planning for and looking at in the 2020s. The
- 24 Commandant of the Marine Corps and the Chief of Naval
- 25 Operations have both said that they agree with that

- 1 assessment, and the TRANSCOM Commander and other officials
- 2 have said the same.
- 3 Do you agree that the threat of a Chinese fait accompli
- 4 against Taiwan is something we need to be concerned about
- 5 and planning for in this decade and not just in the 2030s?
- 6 Ms. Baker: Yes, Senator, I do.
- 7 Senator Hawley: Very good. Let me ask you something
- 8 adjacent to this. Secretary Austin wrote earlier this year,
- 9 in response to a question from me, and I am going to quote
- 10 him now, that "a combat-credible, forward deterrent posture
- is instrumental to the U.S. military's ability to deter and,
- 12 if necessary, to deny a fait accompli scenario." The Deputy
- 13 Secretary, the Under Secretary, and multiple commanders of
- 14 INDOPACOM have reaffirmed the Secretary's emphasis on
- 15 denial.
- Do you agree that a strategy of denial is essential for
- 17 deterring Chinese aggression?
- 18 Ms. Baker: Yes, Senator, I do.
- 19 Senator Hawley: Very good. Let me shift gears just a
- 20 little bit and ask you about some of the recent disturbing
- 21 testimony that this committee has heard with regard to the
- 22 situation in Afghanistan. Do you think it was appropriate
- 23 for the United States to draw down nearly all of its forces
- in Afghanistan before we finished the evacuation of American
- 25 citizens? And I am thinking particularly given General

- 1 Miller's warning that the Afghan Security Forces and
- 2 government could collapse quickly.
- Ms. Baker: Senator, not being at the Department right
- 4 now, I am familiar with the testimony that you are
- 5 referencing. I understand that the Department planned for a
- 6 range of contingencies, including different levels of troops
- 7 on the ground. I am not in a position, I think, to assess
- 8 the details of that planning.
- 9 Senator Hawley: Secretary Austin testified both to
- 10 this committee, and then more pointedly, actually, to the
- 11 House Armed Services Committee, that the non-combatant
- 12 evacuation he believes should have begun earlier. It is
- 13 reported that General Milley, reported in the press that
- 14 General Milley said the same thing, again even more
- pointedly, that DoD warned the White House and State that
- 16 the non-combatant evacuation had to begin earlier. It did
- 17 not, of course, and as a consequence hundreds of civilians
- were killed, hundreds of Americans left behind, 13
- 19 servicemembers killed.
- Do you agree with them, that the non-combatant
- 21 evacuation should have begun earlier in Afghanistan?
- Ms. Baker: Senator, my understanding is that there was
- 23 a robust interagency discussion about the timing of the NEO
- 24 operations. I am simply not currently in a position where I
- 25 have the details that I would need to be able to really

- 1 assess that.
- 2 Senator Hawley: I have got another question, too, for
- 3 you about the forced planning construct in the 2018 NDS and
- 4 a couple of other things related also to Russia. I will
- 5 submit those for the record because my time has expired.
- Thanks so much to all the witnesses, and thank you, Mr.
- 7 Chairman.
- 8 Chairman Reed: Thank you, Senator Hawley. Now let me
- 9 recognize Senator Blumenthal, please.
- 10 Senator Blumenthal: Thank you, Mr. Chairman. I want
- 11 to follow Senator Hawley's questions about the impact of our
- 12 withdrawal from Afghanistan on both Americans who were left
- there and our Afghan partners and allies, many of whom are
- 14 still there.
- You mentioned that there was a robust interagency
- 16 discussion, and a number of actually visited the White House
- in the spring, in April and May, to urge that there be
- 18 evacuations, and much more massive efforts at evacuations
- 19 beginning then and not waiting. Now you have been working
- 20 on the National Security Council. Are you saying that the
- 21 National Security Council was uninvolved in those
- 22 discussions?
- Ms. Baker: No, Senator. My role in the National
- 24 Security Council is primarily related to drafting the
- 25 National Security strategy. I was not involved in the

- 1 operational planning for the evacuation of Afghanistan.
- 2 Senator Blumenthal: So there was no preparation in
- 3 terms of strategy for that evacuation?
- 4 Ms. Baker: Senator, I believe that there was. It
- 5 simply was not in my job jar.
- 6 Senator Blumenthal: Let me ask you, looking forward in
- 7 terms of what we should do now, there have been nine planes
- 8 that have continued the evacuation effort. They are private
- 9 planes, not United States military planes. We have no
- 10 presence there, either diplomatically or militarily. Those
- 11 nine planes have evacuated approximately 300 people each,
- 12 most of them interpreters, translators, quards, security,
- 13 personnel who sided with us and literally put their lives on
- 14 the line, risked their families. But they are just a
- 15 fraction of the total number of Afghan allies and partners
- 16 who remain there in very severe danger. And the reason I am
- 17 asking about it is because they were of direct service to
- our men and women in uniform, often going into harm's way
- 19 with them, and the President has committed to get them out.
- Do you agree with me that we ought to make, as a
- 21 precondition of any serious talks or conversations or
- 22 discussions with the Taliban that they permit all of those
- 23 Afghan allies, who sided with us, to leave if they want to
- 24 do so?
- Ms. Baker: Yes, Senator. I think we have a commitment

- 1 that we make as a military to our partners on the ground and
- 2 that we need to abide by that. I think that the safe
- 3 passage of not only American citizens and legal permanent
- 4 residents but also the Afghan partners that you describe
- 5 should be a priority for moving forward.
- 6 Senator Blumenthal: My office has been directly
- 7 involved in enabling a number of those planes to leave. It
- 8 has been a torturous day-and-night process, and my feeling
- 9 often has been that our own government is not as robustly
- 10 supportive as it could be. Do you commit that you will be
- 11 actively engaged, personally, with the Department of State
- in urging that we fulfill our commitment to those Afghan
- 13 partners and allies, as well as the Americans who may still
- 14 be there?
- Ms. Baker: Yes, Senator, and let me thank you for the
- 16 work that I know you have done on this issue and the
- 17 leadership that you have displayed. As you mentioned, the
- 18 Department of State does have the lead on this for the
- interagency, but if am confirmed I will see to ensure that
- 20 the Department of Defense is providing all of the necessary
- 21 support to the State Department.
- 22 Senator Blumenthal: Would you be willing to support
- the use of our United States military aircraft in that
- 24 effort, if the Taliban permitted it?
- Ms. Baker: Senator that is not an issue I have looked

- 1 at directly, so I do not know that I can give you a direct
- 2 answer. But if confirmed, I certainly would seek to get the
- 3 details of what something like that could look like and have
- 4 a follow-on discussion.
- 5 Senator Blumenthal: Thank you. Thank you very much,
- 6 Mr. Chairman.
- 7 Chairman Reed: Thank you very much, Senator
- 8 Blumenthal. Senator King, please.
- 9 Senator King: Thank you, Mr. Chairman. Mr. Guertin, I
- 10 want to follow up on Senator Kaine's questions. There is no
- 11 question in my mind that if there is some level of conflict
- 12 it will begin with cyber. And we can have all the ships in
- 13 the world in the Pacific but if they are silenced, if they
- lose their communications capability, their navigation
- 15 capability, then they are not going to be very effective in
- 16 protecting the interests of this country.
- Will you pursue, actively and aggressively, testing for
- 18 cybersecurity of every system that comes under your purview
- 19 in this new position?
- Mr. Guertin: Senator, the operational testing of
- 21 software-intensive, or software-reliant systems has to
- 22 include cybersecurity testing as a part of its suitability
- 23 for operational use. I believe that policy is already in
- 24 place, but I commit to you that we will make sure that it --
- Senator King: To your knowledge, does this Department,

- 1 this division office have the capability to provide that
- 2 kind of cybersecurity testing? This is a specialized field.
- 3 Do you have hackers for hire in that office?
- 4 Mr. Guertin: So we have Red Team people that can go in
- 5 and have a high degree of expertise for doing penetration
- 6 testing and finding out where the vulnerabilities lie, and
- 7 inform the programs what they need to do to go in and fix
- 8 it.
- 9 Senator King: I hope --
- Mr. Guertin: I am not certain, though, that we have
- 11 like all of the people in place for testing every system. I
- 12 would have to look into that and get back to you, if
- 13 confirmed.
- 14 Senator King: Well, I view this as an absolutely
- 15 essential and urgent part of your responsibility, in terms
- of supply chain, in terms of acquisition of equipment.
- 17 Nothing is going to work if it is subject to a cyberattack.
- 18 Ms. Baker, one of your responsibilities will be to lead
- and develop the Nuclear Posture Review. Without going into
- 20 a great deal of discussion, do you believe that no-first-use
- 21 policy should be part of the new nuclear policy?
- Ms. Baker: Senator, as the Deputy Secretary testified
- when she was last here, that is unlikely to be part of the
- 24 Nuclear Posture Review. That is ultimately a decision that
- 25 is made by the President of the United States. If I was

- 1 confirmed, though, I would seek to ensure -- and I know that
- 2 NPR is already well underway -- but to ensure that the
- 3 product is analytically rigorous, that it takes into account
- 4 changes in the strategic environment, which includes the
- 5 fact that we are facing now two nuclear-capable peer, near-
- 6 peer adversaries, and that it reflects the input and advice
- 7 of all components of the Department of Defense, to include
- 8 our combatant commanders, EUCOM, INDOPACOM, and STRATCOM, in
- 9 particular. Ultimately, I think our obligation is to
- 10 provide the best analytic product to the President in order
- 11 to inform his choices.
- 12 Senator King: Thank you. We just heard about the
- 13 launch of a Chinese hypersonic missile into orbit and then
- 14 out of orbit. We are still talking about missile defense,
- 15 hitting a bullet with a bullet. I am concerned that for
- 16 years we have been talking about directed energy as a
- 17 possible solution, and yet it just does not seem to be
- 18 getting the attention, the research money that I believe it
- deserves in terms of its future capability. We are not
- 20 going to be able to do missile defense against a hypersonic
- 21 missile. I think it is very unlikely.
- Will you commit to, in terms of policy, looking hard at
- 23 directed energy as a potential asset in the new world of
- 24 missile defense?
- Ms. Baker: Yes, Senator. I think there are a number

- of emerging and advanced technologies that we need to do a
- 2 better job of incorporating into our concepts and our war
- 3 planning, and certainly I would put directed energy in that
- 4 category.
- 5 Senator King: Thank you.
- 6 Mr. Coffey, I have to begin by asking you, you were a
- 7 P-3 commander. Were you ever at Brunswick?
- 8 Mr. Coffey: Only three different squadrons, Senator.
- 9 Senator King: Only three different squadrons.
- 10 Mr. Coffey: I was there for about 10 years of my 30
- 11 years, including command of Patrol Squadron 92.
- 12 Senator King: At Brunswick Naval Air Station?
- 13 Mr. Coffey: Yes, sir.
- 14 Senator King: Congratulations.
- 15 Mr. Coffey: Thank you.
- 16 Senator King: In your advanced testimony, you
- 17 mentioned accession to the Convention of the Law of the Sea
- 18 would strengthen our global security posture. As a lawyer,
- do you see any legal objections to the accession of this
- 20 country to the Law of the Sea Convention?
- Mr. Coffey: Senator, the Navy has been abiding by the
- 22 tenets of that --
- 23 Senator King: We are abiding by it, but the problem is
- 24 we are not at the table.
- Mr. Coffey: We are not. We are not. And I do not see

- 1 any legal obstacle to us signing on formally to that.
- 2 Senator King: Do you think it is a strategic
- 3 disadvantage to us to not be at the table under the Law of
- 4 the Sea Convention?
- 5 Mr. Coffey: I think our voice would carry more weight
- 6 if we were at the table. I mean, we carry a lot of weight
- 7 regardless, and I know our allies are abiding by it as well.
- 8 But that is actually something in the purview of the General
- 9 Counsel of the Department of Defense, and I certainly, if
- 10 confirmed, would confer with her to see what we could do to
- 11 advance the ball on that.
- 12 Senator King: Thank you. Thank you, Mr. Chairman.
- 13 Chairman Reed: Thank you, Senator King. Senator
- 14 Scott, please.
- 15 Senator Scott: Thank you, Chairman Reed. I thank each
- of you for being here. Congratulations on your nominations
- 17 and your willingness to serve.
- Just two weeks ago, the Chinese military sent nearly
- 19 150 war planes over Taiwanese airspace, and we have heard
- 20 the Communist Party General Secretary Xi express his
- 21 intentions for taking over Taiwan. We have a long military
- 22 relationship with the Taiwanese people, and it is one of our
- 23 most strategic partners in the region, and I think we would
- 24 all agree they deserve our complete support.
- Ms. Baker, if confirmed, would you support providing

- 1 Taiwan with robust military training and expertise to ensure
- its armed forces present a combat-credible deterrent?
- Ms. Baker: Senator, I think that our commitments under
- 4 the Taiwan Relations Act to support Taiwan's self-defense
- 5 are longstanding, they are partisan, and I intend to support
- 6 them, if confirmed.
- 7 Senator Scott: So you would support robust military
- 8 training and expertise to ensure that they are a credible
- 9 threat.
- 10 Ms. Baker: Yes, Senator. I would support meeting our
- 11 commitments under the TRA.
- 12 Senator Scott: Would you consider such military
- 13 support to include individual and unit-level training as
- 14 well as training for operations that would make cooperation
- 15 with U.S. and our other militaries more effective if Taiwan
- 16 required it to defend itself?
- 17 Ms. Baker: Senator, I have not looked at that question
- 18 specifically so I think I need to dig into some of the
- details and maybe get back to you with a more definitive
- 20 answer. But certainly I think that it is incredibly
- 21 important that we improve the interoperability of our
- 22 military to work with our partners and allies in the region,
- 23 particularly as it might relate to a Taiwan scenario.
- Senator Scott: I realize the primary goal for the U.S.
- is to enhance Taiwan's ability to engage in asymmetric

- 1 warfare with a much stronger China, and I think we all would
- 2 agree with that. But shouldn't we also consider ways to
- 3 help Taiwan defend itself and hopefully be a great deterrent
- 4 for whatever Communist China might throw at it, such as an
- 5 enhanced Iron Dome system or greater anti-missile defense
- 6 system, to make it clear to General Secretary Xi that he
- 7 will not be permitted to take Taiwan by force?
- 8 Ms. Baker: Senator, I again have not looked
- 9 specifically at the concept of an Iron Dome-like system. I
- 10 understand that Taiwan is pursuing a strategy of building
- 11 robust, lethal, mobile asymmetric capabilities that I think
- 12 makes a great deal of sense. But certainly these are all
- 13 things that I think we can look at, and should look at
- 14 carefully.
- Senator Scott: It has clearly worked for Israel, and
- 16 this would be totally different. I mean, the capabilities
- 17 of Communist China are totally different. But this concept
- of making the Taiwanese people comfortable, and telling Xi
- that he will not be able to take them by force I think would
- 20 be helpful. Don't you agree?
- Ms. Baker: Senator, certainly everything I know about
- the operation of the Iron Dome system in Israel indicates
- that it has been remarkably successful. I simply have not
- 24 considered how that might translate into the Indo-Pacific.
- 25 Senator Scott: Thank you.



- 1 Mr. Bush, we are hearing of reports that Communist
- 2 China has successfully tested a hypersonic weapon that is
- 3 capable of carrying a nuclear warhead. We are also hearing
- 4 that these reports surprised our intelligence community and
- 5 Pentagon leadership. Do you believe that is true, and do
- 6 you believe that the United States is comfortably ahead of
- 7 China on nuclear warheads, or is this launch evidence that
- 8 we have a lot of work to do to modernize our nuclear
- 9 capability?
- 10 Ms. Baker: Senator, I have not received the specific
- 11 classified briefing on that event yet. I am sure there are
- 12 classified details I would need to know before giving you a
- 13 good answer, sir. More broadly speaking, the entire DoD,
- including the Army, does need to continue to work rapidly to
- 15 improve our deterrence capability, including in the area of
- 16 hypersonic missiles.
- 17 Senator Scott: All right. Ms. Baker and Mr. Guertin,
- 18 what do you think about these reports about the hypersonic,
- and were we surprised, and do you believe that we need to
- 20 modernize our nuclear arsenal to be able to defend ourselves
- 21 against an aggressive communist leadership in China?
- Ms. Baker: Senator, as Mr. Bush said, I think it is
- 23 difficult to discuss the details in this open session, but
- 24 certainly I agree a modern and credible nuclear deterrent is
- essential to homeland defense, moving forward.

- 1 Mr. Guertin: I concur with Ms. Baker on that point.
- Senator Scott: Thank you, Mr. Chairman.
- 3 Chairman Reed: Thank you, Senator Scott. Senator
- 4 Warren, please.
- 5 Senator Warren: Thank you, Mr. Chairman.
- 6 Congratulations to each of our nominees. Welcome. And I
- 7 want to say a special thank you to Ms. Baker for her
- 8 commitment to serve. Her intellect and her integrity is
- 9 matched only by her deep and abiding commitment to public
- 10 service, and I was fortunate to benefit from her advice and
- 11 counsel. She is precisely the kind of person that we should
- 12 all hope agrees to serve in our government.
- Mr. Guertin, I would like to start with you today.
- 14 There is something I would like to be able to ask about, and
- 15 that is the annual report published by the Director of
- 16 Operational Test and Evaluation. This is one of the most
- 17 important report cards for determining whether or not our
- weapons are working. The Section 809 panel, created by
- 19 Congress, to streamline and improve defense acquisition
- found that the annual report, and I am going to quote here,
- 21 "assists with both the office's internal success and the
- 22 ability of Congress to exercise proper oversight."
- Now, this is where it is important to me to get some
- 24 commitments from you. There is always pressure to keep
- 25 elements of this report away from the public. So, Mr.

- 1 Guertin, do you agree that this report must remain available
- 2 to the public, to the maximum extent possible?
- Mr. Guertin: So Senator, transparency on how our
- 4 weapons systems are doing is especially important so that
- 5 the public knows that we are doing a good job with the money
- 6 we have or where we are not quite living up to our
- 7 expectations. I commit to you that we will have an
- 8 unclassified report. I will also assert that some of the
- 9 stuff might be a little sensitive that perhaps might be
- 10 better suited for like a classified appendix, that sort of
- 11 thing. I would be happy to work with you on what are the
- 12 balance points of those.
- 13 Senator Warren: Good. So, I take that as a yes, to
- 14 the maximum extent possible.
- 15 Mr. Guertin: To the maximum extent possible.
- 16 Senator Warren: Good. And do you commit to this
- 17 committee that you will make this report and other reports
- 18 from your office publicly available, to the maximum extent
- 19 possible?
- Mr. Guertin: To the maximum extent possible, yes,
- 21 ma'am.
- 22 Senator Warren: Thank you. That is very important to
- 23 me. Now one way to keep information from the public is to
- 24 use pseudo-classification, like "For Official Use Only,"
- 25 which means that the information is not deemed to be

- 1 classified but it is still restricted from public view. So
- let me ask you another question on this. Do you commit to
- 3 avoiding the use of designations such as "For Official Use
- 4 Only" for the unclassified portions of the Operational Test
- 5 and Evaluation reports?
- 6 Mr. Guertin: Senator, to the maximum extent possible,
- 7 yes, but I think there might be some policy issues we might
- 8 have to work out with Congress to make sure that the
- 9 information is provided as unclassified and public released
- 10 but also not sensitive in some way.
- 11 Senator Warren: All right. Well, we might have to
- 12 talk through what "sensitive" means, because if it is not
- 13 classified then I think the public generally, the
- 14 presumption should be that the public has a right to know,
- 15 and that is the commitment I want from you, to the maximum
- 16 extent possible.
- 17 Mr. Guertin: Yes, Senator.
- 18 Senator Warren: Okay. And then my final question on
- 19 this, do you commit to notifying this committee if you
- 20 believe that your work is being wrongfully restricted or
- 21 pseudo-classified or overclassified?
- Mr. Guertin: Senator, if there are any restrictions
- 23 that do not make sense or are not in the interest of the
- 24 country I will make sure that we communicate that with this
- 25 committee.

- 1 Senator Warren: Good. I every much appreciate that.
- 2 I plan to hold you to these commitments, and I look forward
- 3 to working with you to ensure maximum transparency from your
- 4 office. I think that is how both of us will better serve
- 5 the American people. Thank you. Thank you, Mr. Chairman.
- 6 Chairman Reed: Thank you, Senator Warren. Senator
- 7 Blackburn, please.
- 8 Senator Blackburn: Thank you, Mr. Chairman, and thank
- 9 you to each of you for being here today.
- Mr. Coffey, I want to come to you. We saw the release
- of NAVADMIN last week and the guidance on how sailors who
- 12 are not fully vaccinated and do not have a pending or
- 13 approved exemption will be punished administratively. So, I
- 14 have got some questions for you. Is it correct to say that
- sailors who are separated only for refusing the vaccine
- 16 will, in the least favorable outcome, receive a discharge no
- 17 lower than "general under honorable conditions"?
- Mr. Coffey: Well, Senator, I support the vaccination
- 19 program. I think it is critically important that the force
- 20 be vaccinated. I was vaccinated quite frequently when I was
- 21 on active duty and as a reservist. I have not reviewed the
- 22 NAVADMIN you are talking about specifically, so I --
- Senator Blackburn: Will you review it and then answer
- 24 me specifically?
- Mr. Coffey: I would be happy to do that, Senator.

- 1 Senator Blackburn: Thank you. Enlisted servicemembers
- 2 separated under this subparagraph will apparently not be
- 3 eligible for involuntary separation pay and will be subject
- 4 to recoupment of any unearned special or incentive pays.
- 5 Can you articulate what the recoupment of any unearned
- 6 special or incentive pays means, providing me a tangible
- 7 example of this?
- 8 Mr. Coffey: Well, I can speak to my own background,
- 9 Senator. As a naval aviator, a naval flight officer, if I
- 10 --
- 11 Senator Blackburn: No. I am talking about the
- 12 specific guidance. So why don't you do that one in writing,
- 13 since you have not seen that. I cannot believe you did not
- 14 look at that guidance before coming in here for this
- 15 hearing. So look at it and then give me a written response
- 16 with a tangible example.
- 17 A general discharge allows the servicemember to use the
- 18 majority of veterans programs and benefits such as hiring
- 19 preferences for Federal jobs, VA medical coverage, and home
- 20 loan benefits. Please confirm the following for the record.
- 21 Will sailors who are separated only for refusing the vaccine
- 22 be deemed ineligible from future military service? Yes or
- 23 no.
- Mr. Coffey: Senator, I would have to submit that in
- 25 writing after the hearing.

- 1 Senator Blackburn: Okay. You will submit that also.
- 2 Is the GI Bill education benefit the only absolute benefit
- 3 not awarded to servicemembers with a general discharge? Yes
- 4 or no.
- 5 Mr. Coffey: Same answer, Senator.
- 6 Senator Blackburn: Okay.
- 7 Mr. Coffey: I will put that in my written response.
- 8 Senator Blackburn: Is it fair to say that any sailor
- 9 discharged for a vaccination refusal will not be entitled to
- 10 their post-9/11 GI Bill benefit?
- 11 Mr. Coffey: Same answer, Senator.
- 12 Senator Blackburn: Okay. What happens to personnel
- 13 from the other military services who are assigned to naval
- 14 commands and refuse the vaccine? We would want to know
- that, so again, a written answer.
- Mr. Coffey: Same answer.
- 17 Senator Blackburn: And then also, what happens to
- 18 foreign military personnel, such as those studying U.S.
- 19 professional military education courses, if they refuse the
- 20 vaccine for religious reasons?
- 21 Mr. Coffey: I will submit that as well.
- 22 Senator Blackburn: I want you to know, my office has
- 23 been inundated with calls trying to get clarity on these
- 24 issues. So I think it is so important that you all get
- 25 these to us.

- One more. Is it also correct that separation
- determinations made by the Navy will be centralized under
- 3 the CCDA to ensure a fair and consistent process is applied
- 4 across the board?
- 5 Mr. Coffey: I will be sure to provide the clarity you
- 6 seek in my written response.
- 7 Senator Blackburn: Okay. And then also a statement as
- 8 to whether or not you think a centralized process is the
- 9 best practice.
- 10 Mr. Coffey: I will do that as well, Senator.
- 11 Senator Blackburn: Okay. Thank you.
- 12 Ms. Baker, if I may come to you. As Senator Warren
- 13 alluded, you have advised her on shaping her national
- 14 security agenda which, and I am quoting, "took aim at rising
- defense budgets and the revolving door between the Pentagon
- 16 and the defense industry." If confirmed, would these be
- 17 your priorities in the Deputy Under Secretary of Defense for
- 18 Policy role? Would it be these rising DoD budgets in the
- 19 defense industry?
- Ms. Baker: Senator, The Secretary has been clear that
- 21 China is the pacing threat for the Department and should be
- our priority, so if I am confirmed, I would seek to
- 23 prioritize those issues.
- Senator Blackburn: Okay. Well, we know that flat
- 25 defense budgets are actually shrinking defense budgets. How

- 1 do you reconcile this reality with your inherent bias
- 2 toward, and I am quoting you, "taking aim at risking defense
- 3 budgets" because China is a priority? And we want to make
- 4 certain that we are addressing that great power competition.
- 5 So how do you reconcile that?
- 6 Ms. Baker: Senator, I agree that we need to be
- 7 prioritizing issues surrounding great power competition,
- 8 particularly with China. Where I start on questions of
- 9 defense budget is to start with the strategy first, and as
- 10 you know, I think the Department is well underway in
- 11 drafting an update to the National Defense Strategy that
- 12 will build, I believe, on the 2018 strategy. I think from
- 13 there we can look at the capabilities and investments that
- 14 the strategy requires and from there build back into a
- 15 budget number.
- 16 Senator Blackburn: And you think you can do that with
- 17 less resources?
- 18 Ms. Baker: Senator, I would be guided by the strategy.
- 19 So, I do not have an arbitrary number in mind. I think we
- 20 should resource to the strategy.
- 21 Senator Blackburn: So you are saying you are going to
- leave your opinions at the door.
- Ms. Baker: Yes, Senator.
- 24 Senator Blackburn: Thank you.
- Chairman Reed: Thank you, Senator Blackburn. Let me

- 1 recognize, via Webex, Senator Peters.
- 2 Senator Peters: Thank you, Mr. Chairman, and to each
- 3 of the nominees congratulations on your nomination and thank
- 4 you for your willingness to serve our country.
- 5 Mr. Coffey, my first question is for you. In August of
- 6 2019, Corporal Anne Vassas of Michigan unfortunately took
- 7 her own life at a Marine Corps air station in Japan. The
- 8 Vassas family was told that command investigation was
- 9 concluded but the release of the final report requires
- 10 additional approvals, and they have been now waiting for 2
- 11 years.
- 12 As General Counsel, will you maintain a close
- 13 relationship with the staff judge advocate and have a role
- in oversight of the Naval Criminal Investigative Service, if
- 15 confirmed?
- Mr. Coffey: Senator, let me begin by expressing my
- 17 condolences to the family, and it is something I will look
- 18 into, if confirmed. Yes, Senator, I commit to working
- 19 closely with the uniformed lawyers of the Department. I
- 20 understand there is a very good relationship now, a one-
- 21 team, one-mission approach that I heartily endorse. And I
- 22 will likewise work closely with the Under Secretary or the
- 23 Secretary, whoever is at the present time overseeing NCIS.
- 24 I do think that my background as a Federal prosecutor
- working with law enforcement will be beneficial, if I am

- 1 confirmed.
- 2 Senator Peters: Well, I cdertainly hope that the
- 3 Vassas family has achieved some degree of closure by the
- 4 time that you have been confirmed. But I am still going to
- 5 ask for your help in resolving this matter for them. And
- 6 more broadly, I just want to get a clearer confirmation from
- 7 you that you are going to strive to ensure that the legal
- 8 and investigative mechanisms in the Department are working
- 9 to ensure timely, open, and regular contact with the next of
- 10 kin in the event of a tragedy such as this.
- Mr. Coffey: Senator, you have my commitment that if I
- 12 am confirmed I will act accordingly. I will do that.
- 13 Senator Peters: Well, I appreciate that.
- Mr. Bush, as vehicles get smarter, automotive
- 15 cybersecurity is clearly becoming an increasing concern.
- 16 The economic loss and military risk that is posed by
- 17 cyberattacks on the U.S. vehicle ecosystem is certainly
- 18 significant, as no single firm has the expertise, the
- 19 resources, or, quite frankly, the technical depth to
- 20 independently address all of these cybersecurity threats.
- 21 So my question for you, Mr. Bush, is what is your
- vision for how the Army can secure our increasingly
- 23 networked vehicle fleet from cyberattacks?
- Mr. Bush: Senator, I think for new programs we can
- 25 start up front, by building in the right architecture and

- 1 the right cybersecurity early so that we have systems in
- 2 place that we can test and be reliant upon, that ensure that
- 3 our vehicles are cybersecure.
- I believe there is a greater challenge working on older
- 5 vehicles, where they were designed in times when cyber did
- 6 not even exist, and they have had systems added to them over
- 7 the years in a less systematic way. I believe that in those
- 8 cases we will need to come up with a better way of testing
- 9 those federated type systems in older vehicles to make sure
- 10 they are cybersecure as well.
- 11 And lastly, I would add that Army vehicles historically
- 12 have been designed to be able to continue to fight with
- 13 degraded conditions. So, I believe it would be incumbent
- 14 for the Army to ensure that new systems, even if under
- 15 cyberattacks, still retain some combat capability so our
- 16 soldiers can continue fighting.
- 17 Chairman Reed: We are having technical difficulties.
- 18 Let us wait a moment to see if we can move forward.
- 19 Let me, at this point, recognize, if we can -- Senator
- 20 Peters, are you back with us?
- 21 Senator Peters: Am I back here now?
- 22 Chairman Reed: You are back. You have reappeared.
- 23 Senator Peters: Well, good.
- 24 Chairman Reed: Thirty-five seconds.
- Senator Peters: Well, thank you. Well, Mr. Chairman,

- 1 I will leave that as my last question. Thank you so much.
- 2 Chairman Reed: Thank you, Senator Peters. Now let me
- 3 recognize, once again, via Webex, if it is functioning
- 4 properly, Senator Manchin.
- 5 Senator Manchin: Thank you, Mr. Chairman, and this
- 6 will be to Ms. Baker. The Iran nuclear agreement, formally
- 7 known as the JCPOA, was a great goal that fell extremely
- 8 short. I voted against the agreement in 2015, because it
- 9 rewarded Iran before they demonstrated any desire to return
- 10 to good order in the global community, and it failed to
- 11 address their terrorism financing or conventional weapons
- 12 development.
- So, my question would be, with an on-and-off-again
- 14 negotiation taking place, what concessions would you hope to
- 15 see in a new version of the Iran deal? And my follow-up to
- that, Ms. Baker, would be, France, Germany, and the United
- 17 Kingdom launched a barter system known as INSTC, to
- 18 facilitate transactions between them and Iran. Can you
- 19 comment on that?
- Ms. Baker: Senator, thank you for the question. To
- 21 your first point about what concessions would we seek,
- 22 certainly my understanding is that the intent of returning
- 23 to negotiations around the JCPOA was to use that as a
- 24 foundation to build toward a longer and stronger deal.
- 25 Certainly there are any number of Iranian destabilizing

- 1 activities in the region that are not covered by the JCPOA,
- 2 to include their support for terrorist groups, militias, the
- 3 proliferation of ballistic missile technology, UAV
- 4 technology, threats to freedom of navigation, all of which I
- 5 think we should seek to address. I will say that --
- 6 Senator Manchin: [Inaudible.]
- 7 Ms. Baker: I am sorry, Senator. I could not hear you.
- 8 Senator Manchin: Do you have any information? Do you
- 9 have any thoughts on INSTC, which is what United Kingdom,
- 10 Germany, and France have launched?
- 11 Ms. Baker: Senator, I do not have any details on that.
- 12 Certainly it is something I would be prepared, if confirmed,
- 13 to look into with my interagency colleagues and get back to
- 14 you for a longer discussion.
- 15 Senator Manchin: Okay. No problem. I understand.
- 16 And here, this is for you again, ma'am, and I do not mean
- 17 this to be personal at all. I am stating the facts here.
- 18 You have a total of 10 years and 7 months of experience
- working as a Federal employee, with 1 year and 7 months
- 20 inside the Department of Defense. What is concerning to me
- 21 is the entirety of your career is based on partisanship.
- 22 You have never worked for a Republican administration or a
- 23 moderate member, that we can see, and this toxic atmosphere
- 24 we are in right now it takes working across the aisle,
- 25 understanding both sides.

- 1 So my question would be, tell me about any tangible
- 2 experience that you believe demonstrates how you could
- 3 approach this position from a nonpartisan stance.
- 4 Ms. Baker: Senator, respectfully, I believe that I
- 5 have demonstrated, in my career, an ability to work across
- 6 the aisle in a bipartisan fashion, something I was very
- 7 proud of as a Senate staffer here, working with this
- 8 committee. I was also a nonpartisan career civil servant
- 9 for a number of years. In addition to serving here in the
- 10 Senate I have worked for national security principals that
- 11 held a variety of views, to include former HASC Chairman Ike
- 12 Skelton, former Secretary of Defense Ash Carter.
- 13 So, I do understand, Senator. I understand the
- 14 concern, and I think it is a valid one. I believe that I
- 15 have a track record that will enable me, if confirmed, to
- 16 approach this role in a nonpartisan fashion, and that is
- 17 certainly how I would intend to conduct myself.
- 18 Senator Manchin: Thank you very much.
- 19 Mr. Guertin, if you could -- I share your vision for a
- 20 renewed approach to evaluation and system performance within
- 21 the program and development process. One of the areas I
- 22 believe that we need to focus on is direct input and effects
- to the warfighter, especially as it relates to effectiveness
- 24 on the battlefield.
- The past week, my office spent a considerable amount of

- 1 time with the staff from the WVU, West Virginia University,
- 2 Rockefeller Neuroscience Institute, who lead the world in
- 3 advanced neurological care.
- 4 So can you commit to scheduling a tour to the state-of-
- 5 the-art facility with my staff and West Virginia University
- 6 personnel who already are working with Marine Corps to
- 7 potentially standardize the capability of the future test
- 8 and development efforts? We just need you there.
- 9 Mr. Guertin: Senator, it sounds like a great
- 10 opportunity. I am looking forward to meeting you there and
- 11 learning about those things.
- 12 Senator Manchin: We would love to. It is
- 13 unbelievable.
- 14 Final question to Mr. Bush. We share a significant
- 15 amount of similarities when it comes to our future need to
- 16 transition from an industrial age to an information age,
- 17 approach to acquisitions, cybersecurity, and supply chain
- 18 security. My fear, though, is that we will leave our small
- businesses further behind, than where they are currently, if
- 20 we do not make a prioritized effort to bring them along.
- 21 So my question is, how will you shape future efforts to
- 22 support small business against growing cybersecurity
- requirements? How are they going to be able to compete and
- 24 maintain any type of viability?
- Ms. Baker: Senator, first of all, I would like to say

- 1 I am proud of the Army's past track record, leading the
- 2 Department in overall small business contracting. The
- 3 specific issue you mentioned is a challenging one. The
- 4 Department and the Army want more small businesses and more
- 5 diverse businesses involved. However, we also have
- 6 cybersecurity concerns.
- 7 Senator, I believe, like in other aspects of the small
- 8 program, it is going to require partnership and the
- 9 Department and the Services working with companies in
- 10 developing ways to collaborate so that they can achieve the
- 11 level of cybersecurity necessary to participate in bigger
- 12 and bigger programs.
- 13 Senator Manchin: Thank you, and I thank all three of
- 14 you. I appreciate your answer.
- 15 Chairman Reed: Thank you, Senator Manchin. Now, via
- 16 Webex, let me recognize Senator Rosen.
- 17 Senator Rosen: Well, thank you, Chairman Reed, and, of
- 18 course, Ranking Member Inhofe, and I want to thank all the
- 19 nominees for being here today for your service and
- 20 willingness to serve going forward.
- 21 And like Senator Manchin said, cybersecurity is so
- 22 important. I have a number of bills to that effect, and we
- are going to talk about one of them today, because as our
- 24 adversaries actively try to undermine our interests via
- 25 cyberattacks, we have to continue to invest in cyber talent.

- 1 That is going to increase our capabilities, allow us to
- 2 defend forward.
- 3 So, this year's Senate NDAA, as reported out of this
- 4 committee, includes my Civilian Cybersecurity Reserve Act,
- 5 and it is bipartisan legislation I introduced with Senator
- 6 Blackburn to create a civilian cyber reserve that ensures
- 7 additional cyber capacity at greatest times of need.
- 8 So Ms. Banker, if confirmed, what are the steps that
- 9 you would take to improve the cybersecurity posture of our
- 10 most critical systems through workforce investments, because
- 11 we have a lot out there? This need to be in line with both
- 12 our National Defense Strategy and the President's budget
- 13 request proposing significant growth of the cyber mission
- 14 force. And more specifically, how would you use existing
- 15 authorities, and potentially my act, to protect our critical
- 16 assets?
- 17 Ms. Baker: Senator, first let me say thank you for
- 18 your leadership on this critical issue. As we have
- 19 discussed here today, the cybersecurity of the Department
- 20 systems is what will allow us to fight and prevail in a
- 21 high-end contingency.
- 22 As I am sure you know, the Department has a cyber
- 23 strategy that has three components. It requires the
- 24 Department to be able to fight and win the nation's war sin
- 25 the cyber domain, to protect the Department of Defense

- 1 information network, the DODIN, and then, of course, to
- 2 protect the nation, and we do that, as you said, by
- 3 defending forward.
- If I am confirmed, I can commit to you that I will make
- 5 a priority of developing new and agile concepts of
- 6 operations and the cyber domain. I would work closely with
- 7 my colleagues in the Services and elsewhere in the
- 8 Department to ensure that we are appropriately resourced and
- 9 that we have a workforce that is capable of operating in the
- 10 cyber domain.
- I have not, unfortunately, yet had an opportunity,
- 12 Senator, to look at your legislation specifically, but
- 13 certainly I think new and innovative ways of approaching the
- 14 cyber challenge is exactly what is needed. And so, if
- 15 confirmed, I will commit to looking into that and would
- 16 welcome a chance for further conversation.
- 17 Senator Rosen: Great. I will have you up to the
- 18 office and we can talk about the Civilian Cyber Reserve Act.
- 19 But I am glad you are talking about all the different
- 20 postures you have, because I want to talk about the zero
- 21 trust security model, because, you know, cyber threats exist
- 22 both inside and outside traditional network boundaries. So
- 23 earlier this year, the National Security Agency issued a
- 24 cybersecurity bulletin entitled "Embracing A Zero Trust
- 25 Security Model" and strongly recommends zero trust security

- 1 be considered for critical networks, including national
- 2 security systems, Department of Defense networks, and our
- 3 defense-based, industrial-based systems.
- 4 And so the timeline for implementation and completion
- 5 not yet known, but if confirmed, how would you use your
- 6 position to encourage the DoD-wide adoption of the zero
- 7 trust security model?
- 8 Ms. Baker: Senator, if confirmed in this position I
- 9 would certainly seek to ensure that our policies were in
- 10 alignment. Certainly I take your point that there are cyber
- 11 vulnerabilities that arise, both from without and from
- 12 within, and we need to be prepared to manage both of those
- 13 cases. I seek to work closely with the DoD-CIO, with the
- 14 principal cyber advisor and others to ensure that we have
- 15 the appropriate plans in place.
- 16 Senator Rosen: Thank you. I appreciate that. And
- 17 speaking of issues from without, we want to combat Iranian
- 18 aggression, because Iran continues to be the world's leading
- 19 state sponsor of terrorism and a threat to the U.S. and
- 20 allied interests via its ballistic missile program and
- 21 support for terrorist proxies like Hezbollah, including
- through conventional weapons sales. The combination of Iran
- 23 acquiring advanced Russian and Chinese platforms and its
- 24 transfer of arms to terrorist groups like Hezbollah poses
- 25 significant conventional threats to U.S. personnel in the

- 1 region and undermines Israel's voluntary military edge, or
- 2 QME.
- 3 So Ms. Baker, again, I guess you could put this off the
- 4 record -- I am just about out of time -- if confirmed, how
- 5 would you work to combat Iranian aggression to our U.S.
- 6 interests against rogue state actors like Iran and maintain
- 7 our ally, Israel's, QME? And since I am out of time I am
- 8 not sure there is someone after me, you can submit that in
- 9 writing, please.
- 10 Ms. Baker: Senator. Yes, absolutely, I agree with
- 11 everything you said and I am happy to submit a longer answer
- 12 for the record.
- 13 Senator Rosen: Thank you. Thank you, Mr. Chairman.
- 14 Chairman Reed: Thank you, Senator Rosen. Let me
- 15 recognize Senator Kelly and thank him for his patience.
- 16 Thank you. Senator Kelly.
- 17 Senator Kelly: Thank you, Mr. Chairman, and
- 18 congratulations to each of the nominees and thanks for your
- 19 willingness to continue to serve our nation.
- 20 My first question is for Mr. Guertin. I want to talk a
- 21 little bit about the F-35. I have had a chance myself to
- 22 fly the simulator, and as a former test pilot it is an
- 23 impressive platform and I think it will serve the Navy, the
- 24 Air Force, and the Marine Corps very well. And I am very
- 25 honored that Arizona is going to continue to host F-35

- 1 squadrons at Luke and at Yuma Marine Corps Air Station.
- 2 But I am concerned that delays related to testing in
- 3 the joint simulated environment have gotten off track in
- 4 completing tests and evaluation and starting to get us
- 5 towards closer to full rate production. Leveraging digital
- 6 assets like these in testing and design is the way of the
- 7 future. I am convinced of that. So, it is important that
- 8 we get it right and apply the lessons we are learning now to
- 9 future upgrades for the F-35 and the next generation fighter
- 10 aircraft, NGAD and anything beyond that.
- 11 So could you give me an assessment of what you think
- 12 the lessons are so far in what we have experienced with the
- 13 testing in the joint simulated environment?
- Mr. Guertin: So Senator, one of the things we need to
- 15 be thinking about as we move forward into the future is a
- 16 tighter alignment between modeling complex systems like the
- 17 F-35. It has got a lot going on under the hood. Some
- things you are not going to be able to test operationally,
- 19 all at the same time, in a threat-representative
- 20 environment, so we need to be thinking about how we combine
- 21 modeling and simulation of those environments with live
- 22 physical testing.
- The F-35 has been a great object lesson, use case, that
- 24 we need to be taking full advantage of the lessons, both
- 25 good and bad, and how we position ourselves in the future

- 1 for taking advantage of those kinds of technologies as we
- 2 build out these more and more complex systems as we move
- 3 further forward into the future.
- 4 Senator Kelly: Part of the value of simulated testing
- 5 is that we can examine, you know, both aircraft and weapons
- 6 system performance in these complex scenarios that better
- 7 approximate what we will face in combat. With that in mind,
- 8 how important is it to incorporate cyber and space domains
- 9 in these simulated tests?
- 10 Mr. Guertin: So Senator, it is critically important
- 11 that the operational tests encompass all of the things that
- 12 the weapons system will see when it is being used, which
- includes cyber. It is a big part of the problem, because
- 14 you cannot use it if you are turned off before you get a
- 15 chance to take advantage of it.
- The other thing you did mention, though, that I wanted
- 17 to park on is the opportunity to iterate on designs and take
- 18 advantage of those digital twins and modeling environments
- 19 so that you can explore how that system might be built
- 20 better into the future.
- 21 Senator Kelly: And do you think this needs to also
- 22 account for emergent capabilities like AI as well?
- Mr. Guertin: Indeed it does, yes.
- Senator Kelly: I just want to switch, in the remaining
- time I have here, Mr. Guertin, with you as well. You know,

- 1 in modern warfare, as we all know, software can be important
- 2 to our success, and as important as the hardware, the
- 3 equipment. And software often advances much more quickly.
- 4 You touched on this theme, I think, in your opening remarks.
- 5 We are going to need to improve our ability to more
- 6 effectively integrate rapidly changing software, and it is
- 7 also one of the most challenging things we deal with,
- 8 whether it is military hardware or space, you know,
- 9 software, you know, reliability and testing and
- 10 verification.
- 11 What have we learned from our efforts to incorporate
- 12 more agile development practices with Block 4 upgrades to
- 13 the F-35?
- Mr. Guertin: Senator, I would not be able to talk
- about Block 4 specifically, because I have not been briefed
- on the details of it. But I do want to say that some of the
- 17 systems I have worked on in the past, even going back to mid
- 18 1990s, to build these things so that they can evolve
- 19 gracefully over time. In those early stages when we are
- 20 using open architectures and submarine sonar systems, we
- 21 thought we were totally knocking it out of the park by
- 22 having annual updates. Today that might not be fast enough,
- depending on the product, and it certainly is not fast
- 24 enough for a lot of the things we hold and use in an
- 25 everyday life.

Т	so, we need to be thinking about now do we, you know,
2	shift left in terms of our understanding of how things are
3	built, but also be responsive and fast on our feet when it
4	comes to being responsive to the users' needs as they would
5	use them in an operational context in the joint force.
6	Senator Kelly: Well, thank you, and I look forward to
7	working with you and your office as we get these new weapons
8	systems fully evaluated and tested, through OT&E and out to
9	the fleet. Thank you.
LO	Mr. Guertin: Thank you, Senator.
L1	Senator Kelly: Thank you, Mr. Chairman.
L2	Chairman Reed: Thank you, Senator Kelly, and I want to
L3	thank the witnesses for their thoughtful testimony and their
L4	statements and their commitment to public service. And with
L5	that I will adjourn the hearing. Thank you very much.
L6	[Whereupon, at 11:22 a.m., the hearing was adjourned.]
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