



# ASSOCIATION OF OLD CROWS

## FY 2020 Defense Appropriations Process and Highlights

On June 19, the House passed H.R. 2740, an appropriations minibuss containing Defense, Energy & Water, Labor-HHS-Education, and State-Foreign Operations funding. This bill, with almost \$1 trillion in funding, contains \$690.2 billion for Defense. That's \$15.8 billion more than FY19, but \$8 billion less than the President's request, according to Bloomberg Government. However, the House figures assume there will be an agreement to increase the FY20 Budget Control Act (BCA) cap, which sets funding at \$576 billion. If no agreement is reached in Congress by September 30, two things could happen: 1) both chambers agree to a Continuing Resolution (CR), which keeps funding levels static until a comprehensive budget agreement or another CR is passed; or 2) sequestration (automatic spending cuts) goes into effect. Sequestration would be devastating for the defense community, shrinking funding for critical programs across the board. A third option floated by the White House is a one-year budget deal, keeping topline spending at the same level as FY19 if a two-year BCA agreement cannot be found. This would allow new program starts, something that is forbidden under a CR.

Now, where is the Senate in all of this? They haven't started a markup of any appropriations bill, let alone defense. This isn't unusual though; in the past ten years, the Senate has started on defense appropriations before July only three times. Also, the Chair of the Senate Appropriations Subcommittee on Defense, Sen. Richard Shelby, has said he wants to pass a disaster aid bill before he picks up on defense appropriations. Combine that with the fact that there isn't a BCA agreement yet and we are looking at a bit more of a wait. But as mentioned, this isn't out of the norm right now. BCA negotiations between both Chambers and the White House are ongoing. It's still very possible that an agreement can be found and defense funding agreed to before the fiscal year ends.

While we wait to see what the Senate does, AOC has been keeping track of provisions in H.R. 2740. Below is a list of relevant PE numbers, what the President requested, what the House appropriated, and what changes were made. Please contact Amanda Crowe at [crowe@crowds.org](mailto:crowe@crowds.org) with any questions.

### Army

PE 0602146A Network C3I Technology

Request: \$114.516mil

Appropriated: \$132.516mil

Relevant Changes: +\$10mil Program increase-SATCOM technology

# FY 2020 Defense Appropriations

## PE 0602150A Air and Missile Defense Technology

R: \$50.771mil

A: \$72.771mil

C: +\$10mil Program increase- High Energy Laser Technology

## PE 0603463A Network C3I Advanced Technology

R: \$106.899mil

A: \$107.899mil

C: -\$3mil Under execution, +\$4mil Program increase- unmanned systems and aerostat operations

## PE 0603327A Air and Missile Defense Systems Engineering

R: \$15.148mil

A: \$17.48mil

C: -\$7.668mil Excess support costs, \$10mil Program increase- artificial intelligence

## PE 0604115A Technology Maturation Initiatives

R: \$196.676mil

A: \$161.676mil

C: -\$35mil lack of defined schedule

## PE 0604741A Air Defense Command, Control and Intelligence – SDD

R: \$181.023mil

A: \$186.323mil

C: -\$5mil historical under execution, +\$10mil program increase-high bandwidth crypto module enhancements, +\$5mil program increase-multilayered tactical protection system

## PE 0605054A Emerging Technology Initiatives

R: \$45.896mil

A: \$41.726mil

C: -\$4.28mil testing and evaluation excess growth

## USN/USMC

## PE 0604269N EA-18 Squadrons

R: \$143.58mil

A: \$123.637mil

C: -\$19.948mil EA-18G design and avionics integration unjustified growth

# FY 2020 Defense Appropriations

## PE 0604270N Electronic Warfare Development

R: \$116.811mil

A: \$106.049mil

C: -\$1.634mil jammer techniques optimization excess growth, -\$8.3mil Special capability pod excess to need, -\$0.828mil Software reprogrammable payload unjustified growth

## PE 0604282N Next Generation Jammer (NGJ) Increment II

R: \$111.068mil

A: \$90.419mil

C: -\$9.568mil Systems engineering failure to comply with congressional direction, -\$3.891mil Primary hardware development previously funded, -\$7.190mil Aircraft integration early to need

## PE 0604755N Ship Self Defense (Detect & Control)

R: \$192.603mil

A: \$180.085mil

C: -\$12.518mil Project 2178 prior year carryover

## PE 0604757N Ship Self Defense (Soft Kill/EW)

R: \$97.363mil

A: \$95.282mil

C: -\$2.081mil Project 3316 testing delays

## PE 0605866N Navy Space & Electronic Warfare (SEW) Support

R: \$15.773mil

A: \$12.652mil

C: -\$3.121mil Project 3239 unjustified growth

## PE 1206867N SEW Surveillance/Reconnaissance Support

R: \$8.402mil

A: \$4.201mil

C: -\$4.201mil Insufficient budget justification-classified program reduction

## PE 0204575N Electronic Warfare Readiness Support

R: \$82.325mil

A: \$62.434mil

C: -\$19.891mil Prior year carryover

# FY 2020 Defense Appropriations

## PE 0205601N Harm Improvement

R: \$138.431mil

A: \$132.371mil

C: -\$6.06mil AARGM ER test schedule discrepancy

## PE 0206313M Marine Corps Communications Systems

R: \$143.317mil

A: \$142.899mil

C: -\$9.018mil Project 2278 support costs excess to need, +\$8.8mil Program increase-multifunction electronic warfare

## PE 0602792N Innovative Naval Prototypes (INP) Applied Research

R: \$153.062mil

A: \$141.893mil

C: -\$7.435mil Artificial intelligence excess growth, -\$3.734mil Cyber excess growth

## PE 0602131M Marine Corps Landing Force Technology

R: \$56.604mil

A: \$61.604mil

C: +\$5mil Program increase

## PE 0602747N Undersea Warfare Applied Research

R: \$57.075mil

A: \$70.075mil

C: +\$5mil Program increase- undersea sensing and communications, +\$8mil Program increase- energetics and warhead technology development

## PE 0603673N Future Naval Capabilities Advanced Technology Development

R: \$231.907mil

A: \$216.543mil

C: -\$8.280mil Expeditionary maneuver warfare excess growth, -\$7.084mil Surface warfare excess growth

## PE 0603801N Innovative Naval Prototypes (INP) Advanced Technology

R: \$133.303mil

A: \$125.33mil

C: -\$7.973mil Artificial intelligence excess growth

# FY 2020 Defense Appropriations

## PE 0603561N Advanced Submarine System Development

R: \$148.756mil

A: \$147.751mil

C: -\$0.575mil Project 2033 contract delays, -\$0.64mil Project 3391 contract delays, -\$9.79mil Project 9710 unjustified new start, +\$10MIL Program increase- small business technology insertion

## PE 0604272N Tactical Air Directional Infrared Countermeasures (TADIRCM)

R: \$68.346mil

A: \$58.449mil

C: -\$9.897mil Project 3348 product development previously funded

## PE 0603382N Advanced Combat Systems Tech

R: \$64.694mil

A: \$58.467mil

C: -\$6.227mil Project 3438 HIJENKS concurrency

## PE 0603925N Directed Energy and Electric Weapon System

R: \$118.169mil

A: \$125.919mil

C: -\$2.25mil Project 2731 early to need, +10mil Program increase- HEL weapon system for counter-UAS area defense

## PE 0604029N Unmanned Undersea Vehicle Core Technologies

R: \$54.376mil

A: \$41.91mil

C: -\$12.466mil Project 4053 duplicative efforts

## PE 0604030N Rapid Prototyping, Experimentation and Demonstration

R: \$36.197mil

A: \$5mil

C: -\$31.197mil Unjustified request

## PE 0604274N Next Generation Jammer (NGJ)

R: \$524.261mil

A: \$444.127mil

C: -\$63.676mil Hardware procurement contract delays, -\$16.458mil Test and evaluation delays

# FY 2020 Defense Appropriations

## PE 0604231N Tactical Command System

R: \$77.232mil

A: \$73.92mil

C: -\$0.072mil Project 2345 duplicative efforts, -\$3.24mil Naval operational supply previously funded

## PE 0604234N Advanced Hawkeye

R: \$232.752mil

A: \$191.071mil

C: -\$2.473mil Data fusion schedule delays, -\$11.8mil Counter electronic attack early to need, -\$17.608mil Theater combat identification early to need, -\$9.8mil ALQ-217 electronic support measures and survivability early to need

## PE 0604777N Navigation/ID System

R: \$40.755mil

A: \$45.755mil

C: +\$5mil Program increase- Micro-IFF components

## PE 0304785N Tactical Cryptologic Systems

R: \$101.339mil

A: \$91.091mil

C: -\$1.7mil SSEE Inc F previously funded, -\$8.548mil Spectral Delays

## PE 0604262N V-22A

R: \$185.105mil

A: \$176.026mil

C: -\$2.853mil V-22 CMV development previously funded, -\$7.22mil V-22 multi-spectral sensor/helmet mounted display previously funded, -\$4.006mil V-22A development, test and evaluation previously funded, +\$5mil Program increase- active vibration control system

## PE 0604307N Surface Combatant Command System Engineering

R: \$415.625mil

A: \$405.201mil

C: -\$1.941mil Aegis development support studies and analysis early to need, -\$5.505mil Aegis destroyer BL 5 upgrades schedule delays, -\$2.978mil Combat systems test bed build 4 early to need

# FY 2020 Defense Appropriations

## PE 0604761N Intelligence Engineering

R: \$26.71mil

A: \$30.61mil

C: +\$3.9mil Program increase- countermeasure development

## PE 0604256N Threat Simulator Development

R: \$66.678mil

A: \$62.678mil

C: -\$4mil Insufficient budget justification- classified program reduction

## PE 0305242M Unmanned Aerial Systems (UAS) Payloads

R: \$3.704mil

A: \$6.704mil

C: +\$3mil Program increase- spectral and reconnaissance imagery for tactical exploitation

## PE 0204136N F/A-18 Squadrons

R: \$213.715mil

A: \$207.911mil

C: -\$7.804mil F/A-18 Block III support prior year carryover, +\$2mil Program increase- noise reduction research

## PE 0305232M RQ-11 UAV

R: \$0.509mil

A: \$0

C: -\$0.509mil Excess to need

## PE 020457N Consolidated Training Systems Development

R: \$129.873mil

A: \$128.673mil

C: -\$1.2mil Project 3356 LCS Navy training system plan execution early to need

## USAF

## PE 0304260F Airborne SIGINT Enterprise

R: \$102.667mil

A: \$85.157mil

C: -\$17.51mil Follow on SIGINT sensors- unclear requirement and acquisition strategy

# FY 2020 Defense Appropriations

## PE 0602204F Aerospace Sensors

R: \$202.912mil

A: \$211.912mil

C: +\$9mil Program increase- exploitation detection

## PE 0602788F Dominant Information Sciences and Methods

R: \$181.562mil

A: \$186.562mil

C: +\$5mil Program increase

## PE 0604032F Directed Energy Prototyping

R: \$10mil

A: \$30mil

C: +\$20mil Unfunded requirement

## PE 1206761F Protected Tactical Service (PTS)

R: \$173.694mil

A: \$168.694mil

C: -\$5mil Unjustified increase

## PE 1206421F Counterspace Systems

R: \$29.037mil

A: \$27.037mil

C: -\$2mil Under execution

## PE 0604759F Major T&E Investment

R: \$181.663mil

A: \$217.663mil

C: +\$36mil Unfunded requirement- space test infrastructure

## PE 0305206F Airborne Reconnaissance Systems

R: \$122.909mil

A: \$137.909mil

C: +\$15mil Program increase- wide area motion imagery

## PE 0101113F B-52 Squadrons

R: \$325.975mil

A: \$321.624mil

C: -\$4.35mil Advanced target pod contract delay

# FY 2020 Defense Appropriations

## DARPA

PE 0602303E Information and Communications Technology

R: \$442.556mil

A: \$437.556

C: -\$5mil Unjustified growth

PE 0602716E Electronics Technology

R: \$332.192mil

A: \$326.192mil

C: -\$6mil Unjustified growth

PE 0603287E Space Programs and Technology

R: \$202.606mil

A: \$190.306mil

C: -\$12.3mil RSGS replan excess to need

PE 0603766E Network-Centric Warfare Technology

R: \$512.424mil

A: \$507.424mil

C: -\$5mil Unjustified increase

## SOCOM

PE 1160431BB Warrior Systems

R: \$62.332mil

A: \$65.332mil

C: +\$3mil Program increase- small glide munition UAS integration