

## United Technologies Corp., Pratt & Whitney (East Hartford, CT)

- performance based logistics sustainment supporting the F-35 Joint Strike Fighter's F135 propulsion system; provides maintenance of support equipment; common program activities; unique and common base recurring sustainment; repair of repairables; field service reps; common replenishment spares; conventional take-off and landing/carrier variant F135 unique maintenance services, and short take-off and landing F135 unique services → East Hartford, CT (73%); Oklahoma City, OK (18%); Camari, Italy (3%); Eglin AFB, FL (2%); Edwards AFB, CA (1%); Hill AFB, UT (1%); Luke AFB, AZ (1%); MCAS Beaufort, SC (1%); N00019-17-C-0010; issued 30 Nov 2018
  - o U.S. Air Force (\$142,300,541; 36%); U.S. Marine Corps (\$109,353,811; 27%); U.S. Navy (\$25,969,694; 6%); non-U.S. DOD participants (\$90,987,493; 23%); foreign military sales, or FMS (\$31,167,344; 8%)
  - o NAVAIR, Patuxent River, MD
- testing support for F-35 propulsion system Block 4 Flight Test Program; support incl technical engineering, flight test support, special tooling and test equipment, flight test spare and repair parts → NAS Patuxent River, MD (35%); Edwards AFB, CA (33%); East Hartford, CT (32%); 28 Dec 2018
  - o U.S. Navy (\$45,760,870; 20%); USMC (\$45,760,870; 20%); Air Force (\$91,521,740; 40%); non-U.S. DOD participants (\$47,101,463; 20%)
  - o NAVAIR Patuxent River, MD (N00019-19-C-0007)
- support of F-35 for Navy (\$25,363,518; 36%); Air Force (\$24,943,370; 35%); non-DoD (\$12,930,389; 18%); FMS (\$8,170,105; 11%); provides supplies or services for non-recurring engineering for identification & correction of service safety and durability deficiencies, maintains specification performance, and matures the propulsion system in advance of operational use → East Hartford, CT (92%); Indianapolis, IN (8%); N00019-17-G-0005; 13 March 2019
  - o NAVAIR Patuxent River, MD
- F-135 long lead items for non-U.S. DOD participants → East Hartford, CT (67%); Indianapolis, IN (26.5%); Bristol, UK (6.5%); N00019-18-C-1021; 21 March 2019
  - o NAVAIR Patuxent River, MD
- long-lead materials, parts, and components for (lot 14) F135 for F-35 → East Hartford, CT (67%); Indianapolis, IN (26.5%); Bristol, UK (6.5%); N00019-18-C-1021; 15 April 2019
  - o Air Force (\$68,062,565; 33.71%); USMC (\$34,923,315; 17.3%); Navy (\$23,607,892; 11.69%); non-U.S. DOD (\$66,767,551; 33.07%); FMS (\$8,554,624; 4.23%)
  - o NAVAIR, Patuxent River, MD
- additional initial spare parts, and program admin labor for the global spares pool → East Hartford, CT (67%); Indianapolis, IN (26.5%); Bristol, U.K. (6.5%); N00019-18-C-1021
  - o Navy (\$4,161,749; 7.5%); Air Force (\$3,116,792; 5.6%); USMC (\$556,570; 1.0%); non-U.S. DOD (\$24,899,106; 44.7%); FMS (\$22,941,259; 41.2%)
  - o NAVAIR Patuxent River, MD
- TF-33 aircraft engine first stage turbine blades; 13 May 2019
  - o DLA Aviation, Oklahoma City, OK (SPRTA1-19-F-0249)
- production and delivery of 233 propulsion systems; 56 for Air Force; 10 for Navy; 24 for USMC; 125 and 18 for non-DOD participants and FMS → East Hartford, CT (67%); Indianapolis, IN (26.5%); Bristol, U.K. (6.5%); N00019-18-C-1021; 31 May 2019
  - o Air Force (\$619,293,241; 19%); USMC (\$627,306,799; 19%); Navy (\$117,569,123; 4%); non-DOD (\$1,234,417,345; 38%); FMS (\$640,442,453; 20%)
  - o NAVAIR Patuxent River, MD
- initial spare F135-PW-100 propulsion systems and one initial spare F135-PW-600 propulsion system for the global spares pool for U.S. Air Force (\$121,237,779; 34%); USMC (\$83,050,441; 23%); Navy (\$23,547,961; 7%); non-U.S. DOD (\$100,160,036; 28 %) FMS (\$30,532,789; 8%) → East Hartford, CT (93%); Indianapolis, IN (6%); Bristol, UK (1%); N00019-18-C-1021; 28 June 2019
  - o NAVAIR Patuxent River, MD
- F100-PW-100/-200/-220/-220E/-229/-229EEP engine module remanufacture for FMS partner countries → East Hartford, CT; Midland, GA; Midwest City, OK; 19 July 2019
  - o FMS to **Chile, Indonesia, Taiwan, Poland, Greece, Iraq, Pakistan, Romania, Saudi Arabia, Egypt, Thailand, Morocco**
  - o Air Force Sustainment Center, Tinker AFB, OK (FA8121-19-D-0005)
- milling machines, fixtures, and tooling to increase production capacity for F135 components; N00019-19-C-0054; 25 July 2019
  - o NAVAIR Patuxent River, MD
- aircraft engine combustion chamber ducts; 14 Aug 2019
  - o DLA Aviation, Oklahoma City, OK (SPRTA1-19-F-0406)

- testing software changes to allow for emergency thrust bump operations in support of F-35B for USMC (\$5,900,340, 79%); non-U.S. DOD (\$1,584,859; 21%); N00019-17-C-0010; 26 Sept 2019
  - o NAVAIR Patuxent River, MD
- contractor engineering and technical services for engines for F-15 and F-16 aircraft → work at Air National Guard locations in Tucson, AZ; Toledo, OH; New Orleans, LA; and FMS countries (**Egypt, Greece, Indonesia, Iraq, Jordan, S. Korea, Morocco, Pakistan, Taiwan, Thailand**); 26 Sept 2019
  - o AFLCMC Wright Patterson AFB, OH (FA8604-19-D-8005)
- FMS (**Jordan**): F100-PW-220/-220E engine module remanufacture → East Hartford, CT; Midland, GA; Midwest City, OK; 27 Sept 2019
  - o Air Force Sustainment Center, Tinker AFB, OK (FA8121-19-D-0001)
- new F100-220 Digital Electronic Engine Control Assembly build sets for FMS (**Chile, Denmark, Saudi Arabia, Jordan, Taiwan, Portugal, Belgium**); SPE4A1-15-G-0006; 27 Sept 2019
  - o Air Force Sustainment Center, Tinker AFB, OK
- definitize production and delivery of 112 F135-PW-100 propulsion systems for Air Force, 46 F135-PW-600 systems for USMC, and 25 F135-PW-100 for Navy; also definitizes award of long lead components, parts, and materials associated with 129 F135-PW-100 and 19 F135-PW-600 propulsion systems for non-U.S. DOD participants and FMS customers → work in East Hartford, CT (67%); Indianapolis, IN (26.5%); Bristol, U.K. (6.5%) for Air Force (\$878,133,063; 40%); USMC (\$619,150,637; 28%); Navy (\$178,828,697; 8%); non-U.S. DOD (\$420,087,247; 19%); FMS (\$99,445,169; 5%); N00019-18-C-1021; 30 Sept 2019
  - o NAVAIR Patuxent River, MD

#### United Tech Goodrich Corp., ISR Systems (Westford, MA)

- form (w BAE, Boeing, General Atomics, Harris, LM, Raytheon, NG) a collaborative group to work as a “single extended entity” to develop, evolve, and update via pre-planned product improvement initiatives, as well as manage and provide configuration control of the Open Mission Systems and Universal Command and Control Interface standards, collectively referred to as the Open Architecture standards. Provides for development, updating, and management of the above standards with the following business goals: promote adaptability, flexibility, and expandability; support a variety of missions and domains; simplify integration; reduce technical risk and overall cost of ownership of weapon system programs; enable affordable technology refresh and capability evolution; enable reuse; enable independent development and deployment of system elements; and accommodate a range of cybersecurity approaches; 27 Dec 2018 (FA8604-19-D-4023); 2 Jan 2019 (FA8604-19-D-4023)
- Hyperspectral Imaging, AgilePod®, Standoff High Resolution Imaging Next Era, and Multi-Mode Lidar R&D; research and integrate existing electro-optical, infrared, radio frequency, multispectral imaging, hyperspectral imaging, lidar sensors, and related ISR technologies to develop next generation ISR sensor; 19 March 2019
  - o AFRL Wright-Patterson AFB, OH (FA8650-19-D-1014)

#### United Technologies, credited as Collins Aerospace (Westford, MA)

- FMS (**Jordan, Qatar, Bahrain**): DB-110 Tactical Reconnaissance Pod program; incl procurement of DB-110 reconnaissance pods, program infrastructure, airborne data link terminals, surface terminal equipment, mobile ground stations, fixed ground stations, transportable ground stations, and data & travel; FA8620-18-D-3014; 27 Feb 2019
  - o AFLCMC Wright Patterson AFB, OH
- FMS (**Oman, Poland, Morocco, Greece**): DB-110 Tactical Reconnaissance Pod program; FA8620-18-D-3014; 26 June 2019
  - o AFLCMC, Wright-Patterson AFB, OH

#### United Technologies Goodrich Corp. (Brea, CA)

- repair / overhaul the internal rescue hoist on UH-1N and aircraft mounted winch on Lockheed Martin HH-60 helicopters; repair and depot-level maintenance on UH-1N and HH-60 helicopters; 30 Jan 2019
  - o Air Force Sustainment Center, Robins AFB, GA (FA8524-19-D-0001)

#### Hamilton Sundstrand Corp. (Windsor Locks, CT)

- support engineering services and on-site support services to explore and resolve issues associated with various submarine air revitalization, monitoring, oxygen generation and ventilation systems on

- U.S. naval ships → various locs incl New London, CT; Philadelphia, PA; Norfolk, VA; Kings Bay, GA; San Diego, CA; Bremerton, WA; Pearl Harbor, HI; Norway; 31 Jan 2019
  - Naval Surface Warfare Center, Philadelphia, PA (N64498-18-D-4000)
- constant frequency generators for U.S. Navy and Japan; SPRPA1-13-G-001X; 19 March 2019
  - DLA Aviation, Philadelphia, PA
- spare parts for F/A-18 aircraft; SPRPA1-13-G-001X; 28 March 2019
  - DLA Aviation, Philadelphia, PA
- repair the processor signal used on F/A-18E/F aircraft; 8 April 2019
  - NAVSUP Weapon Systems Support, Philadelphia, PA (N00383-19-D-UM01)
- helicopter flight control computers; 24 June 2019
  - DLA Aviation, Redstone Arsenal, AL (SPRPA1-13-G-001X/SPRRA1-19-F-0329)

#### Hamilton Sundstrand Corp. (Phoenix, AZ)

- maintenance, overhaul, upgrade, and repair of the flight control computer; 17 Sept 2019
  - Army Contracting Command Redstone Arsenal (W58RGZ-19-D-0032)

#### Simmonds Precision Products (Vergennes, VT)

- electro-me actuators; issued 12 Oct 2018
  - DLA Aviation, Redstone Arsenal (SPRRA1-19-D-0004)
- the "Low Cost Air-Drop Munition Weapon System Development Program" → Vergennes, VT (58%); Aerojet Rocketdyne, Rancho Cordova, CA (19%); Developmental & Demonstration Testing Facilities (to be determined) (11%); Systima Technologies, Kirkland, WA (6%); Moog Inc., Elma, NY (5%); National Technical Systems Boxborough, Boxborough, MA (1%); N00014-19-S-B001; 10 Sept 2019
  - Office of Naval Research, Arlington, VA (N00014-19-C-1062)
- maintenance and overhaul; 23 Sept 2019
  - Army Contracting Command Redstone Arsenal (W58RGZ-19-D-0128)

#### United Technologies' Rockwell Collins Government Systems Division, sometimes credited as "Collins Aerospace" (Cedar Rapids, IA)

- repair navigation and communication items that are a part of KC-130J, H-1, E-2C, P-3, common systems and other aircraft → work in Atlanta, GA; Cedar Rapids, IA; Calexico, CA; Wichita, KS; issued 17 Oct 2018
  - NAVSUP Weapon Systems Support, Philadelphia, PA (N00383-19-D-PS01)
- Modern Transmission Security & Tactical Secure Voice Suite B, Cryptographic Equipment Application integration for ARC-210 RT-1939A(C), RT-1990A(C) and RT-2036(C) radios in support of multiple aircraft platforms; N00421-17-G-0003; 4 Dec 2018
  - Naval Air Warfare Center Aircraft Division, Patuxent River, MD
- small mission computer hardware and software; 11 Dec 2018
  - Army Contracting Command, Aberdeen Proving Ground (W911QY-19-C-0014)
- non-recurring engineering for installation of the Digital Red Switch System (DRSS) kits into E-6B Mission Avionics Systems Trainer (MAST), as well as procurement of six DRSS kits for the aircraft and one for MAST → Richardson, TX; N00019-14-G-0021; 17 Dec 2018
  - NAVAIR, Patuxent River, MD
- additional quantities of AN/ARC-210 radio equipment; N00421-18-D-0004; 18 Dec 2018
  - NAWCAD, Patuxent River, MD
- install one E-6B Block I/Internet Protocol Bandwidth Expansion Phase 3/Block IA Very Low Frequency Transmit Terminal/Nuclear Planning and Execution System kit; also provides field support engineering, software licenses, technology refresh activities, isolation software lab support, program management oversight in support of E-6B Block I full-rate production → Richardson, TX (58%); Oklahoma City, OK (42%); N00019-13-C-0004; 19 Dec 2018
  - NAVAIR, Patuxent River, MD
- post-deployment software support for Common Avionics Architecture System; H92241-15-D-0001; 26 Dec 2018
  - USSOCOM, Tampa, FL
- logistics services for Contracted Maintenance, Modification, Aircrew & Related Services (CMMARS) program for aircraft, inter-related systems, subsystems, and services; will provide contractor logistics services, including logistics functions and maintenance tasks to keep U.S. and FMS aircraft ready, available, and operating worldwide → work at various ship and shore locations, U.S. (99%); OCONUS (1%); N61340-19-D-1016; issued w 18 others 22 Jan 2019
  - Naval Air Warfare Center Training Systems Division, Orlando, FL

- support of E-6B Mercury aircraft; development of facilities, equipment, and material required to implement the Block II Sustainment and Support System → Richardson, TX; N00019-14-G-0021; 28 March 2019
  - o NAVAIR Patuxent River, MD
- Aircraft Direction Finders; Radio Tuner Panels; and High Frequency Radios in support of lots 9, 10, and 11 P-8A Poseidon aircraft; technical and engineering support, repair of repairables, and technical data → Cedar Rapids, IA (95%); Thiais Cedex, France (5%); supports **U.S., Australia, the U.K., Norway, New Zealand, Saudi Arabia, South Korea**; 1 April 2019
  - o NAWCAD, Lakehurst, NJ (N68335-19-D-0007)
- FMS (**Saudi Arabia**): a Transportable Blackhawk Operations Simulator training device for the Saudi National Guard; 10 April 2019
  - o Army Contracting Command, Orlando, FL (W900KK-19-C-0024)
- support of E-6B Mercury aircraft; non-recurring engineering for modernization of the High Power Transmit System, the E-6B's Airborne VLF radio transmitter → Richardson, TX (99%); Cedar Rapids, IA (1%); N00019-14-G-0021; 22 April 2019
  - o NAVAIR, Patuxent River, MD
- Next Generation Application Specific Integrated Circuit Preliminary Design Review (PDR); design, develop, and test of modernized GPS receivers that are intended for future military applications to the PDR level; 1 May 2019
  - o Space & Missile Systems Center, Los Angeles AFB (FA8807-19-C-0003)
- maintenance and overhaul of the display unit for UH-60 helicopter; 4 June 2019
  - o Army Contracting Command, Redstone Arsenal (W58RGZ-19-D-0083)
- UHF/VHF standard rack mounted receiver / transmitter radios and accessories to replace out-of-date, non-upgradable radios currently deployed at tactical training ranges worldwide; 22 Aug 2019
  - o Naval Surface Warfare Center Corona Division, CA (N64267-19-D-0006)
- software development, updates, and improvements to include development, engineering, and technical support; 29 Aug 2019
  - o Army Contracting Command, Aberdeen Proving Ground (W56KGY-19-D-0022)
- services & supplies for modernization, expansion, and depot-level contractor logistics support; provide support for Scope Command's High Frequency Global Communications System → Richardson, TX; FA8102-16-D-0005; 30 Aug 2019
  - o Air Force Life Cycle Management Center, Tinker AFB, OK
- AN/ARC-210(v) radios for installation in over 400 strategic and tactical airborne, seaborne and land based (mobile and fixed) platforms for Navy, USMC, Army, Coast Guard, "other government agencies" and FMS customers; N00421-18-D-0004; 10 Sept 2019
  - o NAVAIR Patuxent River, MD
- Mission System Development and Integration Lead for the Advanced Teaming Demonstration Program; 30 Sept 2019
  - o Army Contracting Command Redstone Arsenal (W911W6-19-C-0068)
- display units for Army Aviation & Missile Command Center; 30 Sept 2019
  - o DLA Aviation, Redstone Arsenal (SPRRA1-19-D-0132)
- engineering and manufacturing development of the Enhanced Visual Acuity (EVA) system → Cedar Rapids, IA (40%); Santa Clara, CA (30 %); Westborough, MA (15%); Los Gatos, CA (15%); 30 Sept 2019
  - o EVA "will increase flight safety and mission effectiveness" by allowing Navy rotary-wing and tiltrotor (RW/TR) aircrews to maintain "required visual situational awareness down to Very-Low-Light-Level (VLLL) flight operations." EVA system will also provide a heads up display for pilot and co-pilot viewing of video imagery generated by the aircraft.
  - o NAWCAD Patuxent River, MD (N00421-19-C-0038)

#### Rockwell Collins Simulation & Training Solutions (Cedar Rapids, IA)

- E-2D Advanced Hawkeye Integrated Training System Distributed Readiness Trainers; these "medium fidelity tactics trainers focus on interoperability for distributed training" to stay concurrent with the aircraft, and will be delivered with E-2D Delta Software System Configuration 2 (DSSC-2) and with future DSSCs → Sterling, VA (60%); MCAS Iwakuni, Japan (20%); Naval Base Ventura County Point Mugu, CA (10%); NAS Norfolk, VA (10%); N6134018C00051; 27 Nov 2018
  - o Naval Air Warfare Center Training Systems Division, Orlando, FL
- additional in-scope work for E-2D Hawkeye Integrated Training System-III Aircraft Flight Management Computer (AFMC) Functional Equivalent Unit (FEU) Risk Reduction Analysis and Demonstration effort; includes development of four AFMC FEU prototypes for use in the E-2D Tactics Trainer Software Integration Lab (SIL), E-2D Flight SIL, and E2D Distributed Readiness

- Trainer SIL and associated technology demonstrations, technical data, and proposal preparation → Sterling, VA (90%); Orlando, FL (10%); N61340-17-C-0014; 30 April 2019
- Naval Air Warfare Center Training Systems Division, Orlando, FL
  - E-8 Aircrew Training Device sustainment; contractor logistics support & training system support center operations of the Joint Surveillance Target Attack Radar System Aircrew Training Device → Robins AFB, GA; Sterling, VA; 2 Aug 2019
    - AFLCMC Robins AFB, GA (FA8529-19-D-0001)
  - one E-2D Hawkeye Integrated Training System III Weapons Systems Trainer and one Aircrew Procedures Trainer, including technical data → Norfolk, VA; N61340-17-C-0014; 14 Aug 2019
    - Naval Air Warfare Center, Training Systems Division, Orlando, FL

Rockwell Collins (Richardson, TX)

- implement Security Classification Guide changes; FA8204-18-C-0010; 12 Oct 2018
  - Air Force Nuclear Weapon Center, Hill AFB, UT