

## Washington

### Boeing (Seattle, WA)

- P-8A Poseidon engine (CFM56-7B27A/3 and CFM56-7B27AE) depot-level maintenance & repair for Navy, Australia, and FMS → work in Atlanta, GA (97%); Seattle, WA (3%); N00019-18-D-0113; issued 15 Oct 2020
- FMS (Japan): two more KC-46A aircraft → work in Everett, WA; FA8609-18-F-0006; 29 Oct 2020
- P-8A Poseidon Increment III Block I retrofit kits (production, delivery, installation) for U.S. Navy → Seattle, WA (98.7%); Mesa, AZ (1.3%); N00019-16-G-0001; 5 Nov 2020
- FMS (U.K.): contractor logistics support for P-8A Poseidon → Seattle, WA (60%); Lossiemouth, Scotland (40%); N00019-16-G-0001; 7 Jan 2021
- production of twelve KC-46 aircraft (lot 6), data, subscriptions, and licenses, and G081 flat file; FA8625-11-C-6600; 12 Jan 2021
- production of fifteen KC-46 aircraft (lot 7), data, subscriptions & licenses, and G081 flat file; FA8625-11-C-6600; 20 Jan 2021
- eleven P-8A (lot 12) aircraft (9 for U.S. Navy and 2 for Australia) → Seattle, WA (98.15%); Huntington Beach, CA (1.19%); various locations within continental U.S. (0.66%); some foreign cooperative agreement funds obligated; N0001914C0067; 31 Mar 2021
- KC-46A long lead spares, initial spares, and support equipment for Japan → Everett, WA; FA8609-18-F-0006; 19 Apr 2021
- design, development, and test of software and ancillary hardware for integration of Long Range Anti-Ship Missile onto P-8A aircraft for U.S. Navy → Seattle, WA (72%); Patuxent River, MD (21%); Grand Rapids, MI (5%); St. Louis, MO (2%); N0001921G0006; 21 Apr 2021
- systems and software engineering and sustainment support services, to include analysis, design, implementation, integration, testing, prototyping, prototype installation, and maintenance for development and test laboratory capabilities in support of modernizations and improvements to software and hardware for P-8A aircraft → Seattle, WA (78%); St. Louis, MO (12%); Huntington Beach, CA (10%); N0001921D0010; 22 Apr 2021
- KC-46 engineering, manufacturing, and development: interim contractor support and logistics service representatives/field service representatives support for Seymour Johnson AFB, NC; FA8625-11-C-6600; 25 May 2021
- KC-46A aircraft: six months of setup and 12 months of post-delivery-support for the first two aircraft delivered to Japan → work at Miho AB, Japan; FA8609-18-G-0002 FA8609-18-F-0006; 28 May 2021
- software development services: maturation, integration, and testing of the accelerated Communications-as-a-Service capability → Tukwila, WA (30%); St. Louis, MO (26%); Huntington Beach, CA (22%); Huntsville, AL (13%); San Diego, CA (5%); Palmdale, CA (4%); N0002421C5201; 9 Jun 2021
- spare parts (lot 6) and support equipment (lot 7); FA8625-11-C-6600; 1 Jul 2021
- engineering in support of upgrades for Software Development Lab 6 and data-at-rest encryption solution for P-8A aircraft (lot 11) for foreign military sales (FMS) → Seattle, WA (92.1%); St. Louis, MO (7.9%); N0001914C0067; 30 Aug 2021
- incorporation of aircraft service bulletins into the VC-25B baseline, and removal of Mode 4 Identification Friend or Foe on the VC-25B aircraft; FA8625-16-C-6599; 14 Sep 2021
- VC-25B initial spares with a production lead time of greater than 12 months, required for the initial support period, which is the first 18 months beginning at initial operational capability → work at JB Andrews, MD; FA8625-16-C-6599; 24 Sep 2021
- FMS (Germany): five P-8A aircraft (lot 12) → Seattle, WA (98.15%); Huntington Beach, CA (1.19%); locations within continental U.S. (0.66%); N0001914C0067; 27 Sep 2021

### Boeing Insitu (Bingen, WA)

- FMS (Afghanistan): 15 ScanEagle drones, 9 ScanEagle payloads, and 3 spares for Afghanistan National Army; N68335-16-G-0046; 19 Nov 2020
- support services to include engineering, testing, prototyping, software modeling and simulation, integration, installation, analysis, sustainment, program management, training, cybersecurity, and other technical services in support of MQ-27A, MQ-27B and RQ-21 drones for Naval Special Warfare; N0042121D0020; 26 Mar 2021
- additional air vehicles, support equipment and spares in support of the RQ-21A Blackjack and ScanEagle systems for U.S. Navy and FMS → Bingen, WA (83%); locations outside continental U.S. (12%); locations within continental U.S. (5%); N00019-19-D-0033; 17 Jun 2021
- unmanned aircraft systems intelligence, surveillance, and reconnaissance (SR) data collection support for DOD, other government agencies, and domestic & overseas contingency operations → Bingen, WA (20%); undisclosed locations outside continental U.S. (80%); N0001921G0007; 26 Jul 2021

### General Dynamics OTS (Bothell, WA)

- gas generators for use in the suppression system onboard V-22 aircraft to provide explosion / fire suppression → Moses Lake, WA; some FMS to Japan; N00104-20-F-B501; 1 Oct 2020

### Lockheed Martin d.b.a. Aculight Corp. (Bothell, WA)

- technical engineering services and sustainment labor for High Energy Laser and Integrated Optical-dazzler with surveillance system → Bothell, WA (52%); Moorestown, NJ (31%); Owego, NY (9%); Marion, MA (3%); Clearwater, FL (3%); Manassas, VA (1%); other locations totaling 1%; N00024-18-C-5392; 9 Mar 2021
- technical services, integration, test, validation, and demonstration events support for the airborne high energy laser system, Naval Surface Warfare Center → Dahlgren, VA (42%); Bothell, WA (30%); Orlando, FL (28%); N00178-21-D-4412; 14 Jul 2021

### General Dynamics Metro Machine Corp., NASSCO (Bremerton, WA)

- aircraft carrier ship repair; N00024-19-D-4310; 19 Feb 2021 via Puget Sound Naval Shipyard & Intermediate Maintenance Facility, Bremerton, WA

- aircraft carrier ship repair in Bremerton, WA; N0002419D4310 N4523A21F0303; 30 Apr 2021 via Puget Sound Naval Shipyard and Intermediate Maintenance Facility /Northwest Regional Maintenance Center, Bremerton, WA
- aircraft carrier ship repair; N0002419D4301; 26 Jul 2021 via Puget Sound Naval Shipyard and Intermediate Maintenance Facility/Northwest Regional Maintenance Center, Bremerton

Raytheon (Keyport, WA)

- maintenance and support for AN/AQS-20 sonar mine detecting set → Portsmouth, RI (65%); Keyport, WA (30%); Panama City, FL (5%); N61331-17-D-0001; 14 Jan 2021 via Naval Surface Warfare Center, Panama City Division, Panama City, FL

**Oregon**

*Oregon doesn't have any massive war corporations. The following (Epic, Teledyne FLIR, Vigor) are mid-sized and are included in this file to provide a more comprehensive picture.*

Epic Aviation LLC (Salem, OR)

- jet fuel for the Air National Guard; SPE605-21-D-4527; 24 Nov 2020

FLIR Surveillance (Wilsonville, OR)

*Teledyne purchased FLIR in May 2021.*

- BRITE Star Block II systems, repair actions, data, provision item order, training and engineering services; includes FMS Czech Republic; N00164-20-D-JQ51; 1 Oct 2020
- one H1 aircraft turret for U.S. Navy; SPRPA1-21-C-W074; 22 Sep 2021

Vigor Marine LLC (Portland, OR)

*See private equity FY2021 doc.*

- support USS *Chosin* (CG 65) extended dry-docking selected restricted availability in Seattle, WA; N00024-19-C-4447; 29 Oct 2020 via Puget Sound Naval Shipyard & Intermediate Maintenance Facility, Everett, WA
- support USS *Chosin* (CG 65) extended dry-docking selected restricted availability → work in Seattle, WA; N00024-19-C-4447; 12 Nov 2020 via Puget Sound Naval Shipyard & Intermediate Maintenance Facility, Everett, WA
- a 50-calendar day shipyard availability for the mid-term availability on the USNS *Matthew Perry* (T-AKE 9); N32205-21-C-4117; 20 Nov 2020 via Military Sealift Command (MSC), Norfolk, VA
- 76-calendar day shipyard availability of the fleet oiler USNS Yukon (T-AO 202); N3220521C4014; 22 Jan 2021 via MSC, Norfolk, VA
- 65-calendar day shipyard availability: services for the mid-term availability of the fleet oiler USNS Guadalupe (T-AO 200); N3220521C4126; 8 Jun 2021 via MSC, Norfolk, VA

**California**

L3Harris d.b.a. L3Wescam USA (Santa Rosa, CA)

- Improved Rotary-wing Electro-optical/Infra-red Sensor program for Special Operations Command; H92241-21-D-0001; 21 May 2021

Northrop Grumman (McClellan, CA)

- depot level maintenance in support of the Guardrail Common Sensors program; W56JSR-21-D-0011; 17 Sep 2021

Kratos (Sacramento, CA)

*Kratos is a mid-sized rising star in the war industry.*

- BQM-177A subsonic aerial targets for U.S. Navy as well as associated technical & administrative data for full rate production (lot 2) deliveries → Sacramento, CA (55.8%); Dallas, TX (17.6%); Fort Walton Beach, FL (4.6%); Springfield, PA (2.6%); Newton, KS (2.1%); Concord, CA (1.9%); Milwaukie, OR (1.8%); Santa Ana, CA (1.8%); Chatsworth, CA (1.5%); Greybull, WY (1.3%); locations within continental U.S. (9%); N00019-20-C-0075; 9 Dec 2020
- production (lots 17-21), out-of-warranty-repairs, and contractor logistics support; FA8678-21-D-0001; 6 Aug 2021
- digital engineering and model based systems engineering, agile processes, open systems architecture, weapons and enterprise analytics for Eglin AFB, FL (Armament), and its partners; \$46B across 55 corporations; FA8656-21-D-A001; 3 Sep 2021

Lockheed Martin Space (Sunnyvale, CA)

- Evolved Strategic Satellite Communication (ESS): develop a prototype payload and conclude in a hardware & software in-the-loop, end-to-end demonstration → work in Denver, CO; FA8808-21-C-0015; issued 9 Nov 2020 Space & Missile Systems Center (SMC) Los Angeles AFB, CA
- work associated with manufacturing, assembly, integration, test, and delivery of three Next Generation Geosynchronous (NGG) Earth orbiting space vehicles (SV), and delivery of ground mission unique software and ground sensor processing software; includes engineering support for launch vehicle integration and launch & early on-orbit checkout for all three NGG SV; FA8810-18-C-0005; 4 Jan 2021 via SMC Los Angeles AFB, CA
- FMS (UAE): maintenance and sustainment for two Terminal High Altitude Area Defense (THAAD) batteries; includes logistics management, logistics product database, training, missile and ground repair & return, hardware/software development and sustainment, hardware in the loop, engineering services, missile field surveillance program, and country unique specialty engineering → Sunnyvale, CA; Grande Prairie, TX; Camden, AR; Huntsville, AL; Anniston, AL; Troy, AL; HQ0147-19-C-5001; 15 Jan 2021 via MDA, Huntsville, AL
- support for technical planning, direction, coordination, and control to ensure that the U.K.'s Ballistic Missile Program (Trident II) requirements are identified and integrated to support planned milestone schedules and emergent requirements; includes re-entry

systems U.K. resident technical support, operational support hardware, and consumable spares → Cape Canaveral, FL (55.17%); Sunnyvale, CA (15.94%); Denver, CO (14.74%); Coulport, Scotland (5.60%); Kings Bay, GA (2.97%); Bangor, WA (2.15%); Orlando, FL (1.31%); various places below 1% (2.12%); N0003020C0023; 24 Mar 2021

- Space Based Infrared System contractor logistics support → Peterson AFB, CO; Buckley AFB, CO; Greeley Air National Guard Station, CO; and Boulder, CO; FA8810-13-C-0002; 31 Mar 2021 via SMC, Peterson AFB, CO
- materials R&D regarding “functional materials and their applications for various high-altitude platforms”; 15 Apr 2021 (awarded 9 Apr) via Air Force Research Lab (AFRL), Wright-Patterson AFB, OH (FA8650-21-C-5408)
- DARPA’s Blackjack program (15-month phase 2): advance satellite integration approach “through critical design review, performing assembly, test, and integration activities on multiple types of commoditized buses, the Blackjack Pit Boss, and various payloads”; also integrate Blackjack components into a launch vehicle for on-orbit spacecraft testing → Sunnyvale, CA (80%); Denver, CO (10%) Cape Canaveral, FL (8%); San Luis Obispo, CA (2%); HR0011-20-C-0028; 22 Apr 2021
- DARPA’s Blackjack satellite integration program (phase 3) in Sunnyvale, CA (80%); Denver, CO (10%); Cape Canaveral, FL (8%); San Luis Obispo, CA (2%); HR001120C0028; 7 Sep 2021
- 36 Heavy Expanded Mobility Tactical Trucks (HEMTT) A2 for THAAD → Sunnyvale, CA; Dallas, TX; Oshkosh, WI; HQ0147-17-C-0032; 4 Aug 2021 via MDA, Huntsville, AL

#### Northrop Grumman (Sunnyvale, CA)

- ongoing support of Trident II (D5) deployed underwater launcher systems: technical engineering support and integration, field services at sites and shipyards → work in Sunnyvale, CA (52%); Bangor, WA (18%); Kings Bay, GA (14%); Rocket Center, WV (7%); Cape Canaveral, FL (4%); St. Charles, MO (3%); Camarillo, CA (2%); N00030-21-C-1010; issued 1 Oct 2020
- launcher subsystem hardware for the Columbia and Dreadnought common missile compartment (CMC) → Sunnyvale, CA (94%); Cape Canaveral, FL (6%); FMS portion = \$10,500,000; N00030-19-C-0015; 30 Mar 2021
- Trident II (D5) deployed underwater launcher systems: technical engineering support and integration → Sunnyvale, CA (52%); Bangor, WA (18%); Kings Bay, GA (14%); Rocket Center, WV (7%); Cape Canaveral, FL (4%); St. Charles, MO (3%); Camarillo, CA (2%); N00030-21-C-1010; 29 Sep 2021

#### Raytheon (Goleta, CA)

- CD-108B/ALE-50(V) control, dispenser, decoy, countermeasures Integrated Multi-Platform Launch Controllers (IMPLC), full rate production, lot 15, for the F/A-18 program for U.S. Navy → work in Forest, MS (64%); Goleta, CA (36%); N0001921C0067; 9 Aug 2021
- software engineering support for the ALR-69A program; FA8523-21-D-0010; 31 Aug 2021

#### Lockheed Martin (Palmdale, CA)

*Palmdale, north of Los Angeles, is home to Lockheed Martin’s Skunkworks.*

- DARPA LongShot, phase 1: research, development and demonstration of the LongShot unmanned air vehicle → work in Palmdale, CA (62%); Orlando FL (29%); Tehachapi, CA (9%); HR0011-20-S-0037; issued 4 Mar 2021
- Southern Cross Integrated Flight Research Experiment (SCIFiRE) Project, phase I Preliminary Design Review: mature a solid-rocket boosted, air-breathing, hypersonic conventional cruise missile, air-launched from existing aircraft, through the completion of a preliminary design review; FA8682-21-C-0009; 1 Sep 2021 via Future Hypersonics, Eglin AFB, FL

#### L3Harris (Sylmar, CA)

*Sylmar is northwest Los Angeles.*

- design, develop, fabricate, test, install, analyze, document, and deliver rapid prototypes associated with products, systems, subsystems, support equipment, and associated capabilities; 12 corporations N6660421DN001 through N6660421DN012; 29 Sep 2021 via Naval Undersea Warfare Center Division Newport, Newport, RI

#### Boeing (El Segundo, CA)

- Evolved Strategic Satellite Communications program: a prototype payload to develop hardware and software; FA8808-20-C-0047; issued 1 Oct 2020, awarded 30 Sept 2020
- engineering support for a hosted payload accommodation effort re: Wideband Global Satellite Communication (SATCOM) (WGS) Block II; FA8808-10-C-0001; 1 Oct 2020
- launch and mission operations design and products effort for the Wideband Global Satellite Communication space vehicle 11; FA8808-10-C-0001; 21 Jun 2021
- Global Satellite Communication Configuration and Control Element (GSCCE) for the Wideband Global Satellite Communication space vehicle 11; FA8808-10-C-0001; 30 Jul 2021

#### Raytheon (El Segundo, CA)

- miniaturized airborne Global Positioning System (GPS) Receiver 2K-M development → work in El Segundo, CA, and Huntsville, AL; contract # FA8523-16-F-0049; issued 6 Oct 2020
- Military GPS Users Equipment Miniature Serial Interface Increment 2 Application Specific Integrated Circuit (MGUE Inc 2 MSI ASIC): design, develop, build, integrate, qualify the MSI receiver card with next generation ASIC to enable production of M-Code-capable GPS receiver products → Cedar Rapids, IA; Anaheim, CA; El Segundo, CA; FA8807-21-C-0007; 6 Nov 2020 (with Raytheon Rockwell Collins and Interstate Electronics of Anaheim) via SMC, Los Angeles AFB, CA
- MGUE Inc 2 MSI: incorporates MSI Engineering Change Proposal-1 into the baseline; FA8807-21-C-0006; 6 Aug 2021 via SMC Los Angeles AFB
- Miniaturized Airborne GPS Receiver 2K-M development: performance extension due to a program delay with Military GPS User Equipment (MGUE) program → El Segundo, CA; Huntsville, AL; FA8523-16-F-0049; 25 Aug 2021

- AN/APG-79(V)4 radar systems; includes software, obsolescence management, engineering support and associated technical, financial and administrative data, for retrofit integration into F/A-18C/D aircraft for USMC → Forest, MS (41.1%); El Segundo, CA (32.6%); Andover, MA (18.3%); Dallas, TX (8%); N00019-20-C-0001; 12 Nov 2020, 5 May 2021
- sustainment of the Enhanced Integrator Sensor Suite (EISS) for RQ-4 Global Hawk program; FA8577-21-C-0002; 18 Dec 2020
- engineering and test support services for ALQ-249 Next Generation Jammer (NGJ) currently in development for U.S. Navy EA-18G aircraft; includes H16/H18/H20/H22 software support for NGJ pod and integration, including requirements analysis, design, development, integration, testing, training and tools related to ALQ-249 and electronic warfare for U.S. Navy and FMS; N68936-21-D-0009; 6 Jan 2021
- repair of repairables support for NGJ demonstration test article pods → Forest, MS (60%); Dallas, TX (32%); Fort Wayne, IN (3%); Andover, MA (3%); El Segundo, CA (2%); N0001916C0002; 12 Apr 2021
- NGJ Mid-Band low rate initial production (lot 1) ship sets, spares, gold units for operational test program set development and associated technical data → Dallas, TX (44%); Forest, MS (33%); El Segundo, CA (20%); Ft. Wayne, IN (2%); Andover, MA (1%); N0001921C0053; 2 Jul 2021
- GPS receiver parts and vendor-managed inventory services; task order SPE7MX-21-F-6352; 18 May 2021
- F-15 Radar Eagle Vision: production, modernization and support of F-15 APG-82 radar system; FA8634-21-D-2707; 9 Jun 2021
- research for DARPA's Fast Event-based Neuromorphic Camera and Electronics (FENCE) program<sup>1</sup> → Goleta, CA (53%); Cambridge, MA (17%); El Segundo, CA (15%); McKinney, TX (10%); Tempe, AZ (3%); NY, NY (1%); Tewksbury, MA (1%); HR0011-21-C-0134; 16 Jun 2021
- upgrade ten AN/APG-79 radars from Configuration A to Configuration B and continuing required efforts to repair Weapons Replaceable Assemblies identified as nonfunctioning following baseline testing → Dallas, TX (44%); Forest, MS (33%); El Segundo, CA (23%); N0001921F0804 / N0001920G0007; 17 Aug 2021
- FMS (Canada): 36 AN/APG-79(V)4 radar systems for integration into C/F-18A aircraft; supplies and support to include software, obsolescence management, engineering support and associated technical, financial, and administrative data in support of AN/APG-79(V)4 radar integration → Forest, MS (41.1%); El Segundo, CA (32.6%); Andover, MA (18.3%); Dallas, TX (8%); N0001920C0001; 20 Sep 2021

Northrop Grumman (El Segundo, CA)

- rudders (107) and tooling associated with increasing production capacity; N00383-20-G-WM01; 27 Sep 2021

Boeing (Long Beach, CA)

- support and sustainment for C-17 aircraft in multiple domestic and international locations: program management; sustaining logistics; material and equipment management; sustaining engineering; quality assurance; depot level aircraft maintenance and modifications; F117 propulsion system management; long-term sustainment planning; field services, unique foreign military customer services and Air Logistics Center partnering support; involves some FMS to UK, Australia, Canada, NATO Airlift Management Program Office, India, Kuwait, UAE, Qatar; FA8526-21-D-0001; 27 Sep 2021

Boeing (Huntington Beach, CA)

- Trident II (D5) navigation subsystem: maintenance, rebuilding, and technical services for U.S. and U.K. → Huntington Beach, CA (63%); Heath, OH (13%), along with field engineering conducted at Puget Sound, WA (4%); Heath, OH (4%); Mitchell Field, NY (4%); Norfolk, VA (4%); Kings Bay, GA (4%); Port Canaveral, FL (2%), and Faslane, Scotland (2%); N00030-21-C-6002; 1 Oct 2020
- Trident II (D5) inertial navigation equipment technical engineering support → Huntington Beach, CA (63%); Heath, OH (13%), with Field Engineering conducted at Puget Sound, WA (4%); Heath, OH (4%); Mitchell Field, NY (4%); Norfolk, VA (4%); Kings Bay, GA (4%); Port Canaveral, FL (2%), Faslane, Scotland (2%); N00030-21-C-6002; 26 Feb 2021, 28 Sep 2021
- extra-large unmanned undersea vehicle maintenance analyses and logistics products → Newport News, VA (52%); Huntington Beach, CA (48%); N00024-17-C-6307; 15 Dec 2020
- correction of deficiency software builds for increment three acoustics integration and testing for P-8A aircraft → Huntington Beach, CA (80%); Patuxent River, MD (10%); California, MD (10%); N0001921C0034; 22 Mar 2021
- AN/USQ-82(V) Gigabit Ethernet Data Multiplex System (GEDMS): design agent services → Huntington Beach, CA (70%); Bangor, ME (12%); Pascagoula, MS (9%); Arlington, VA (3%); Tukwila, WA (3%); Dover, PA (3%); N00024-18-C-4103; 14 May 2021
- software builds to correct deficiencies, to include software enhancements or improvements, engineering analyses and evaluations, and integration and test activity for P-8A Increment 3 Acoustics Multi-static Active Coherent Enhancements program → Huntington Beach, CA (65%); California, MD (25%); Patuxent River, MD (10%); N0001921C0034; 24 May 2021
- engineering support for the Extra Large Unmanned Undersea Vehicle program → Huntington Beach, CA (65%); Cockeysville, MD (20%); Herndon, VA (15%); modification N00024-17-C-6307; 28 Sep 2021

Northrop Grumman (Northridge, CA)

*Northridge is in northwest Los Angeles.*

- common munition built-in-tester reprogramming equipment (CMBRE<sup>2</sup>) system: program management support, sustaining engineering, repairs, consumable parts depot, and production of CMBRE systems, initial spares kits, and associated items; FA8533-21-D-0001; 29 Oct 2020

<sup>1</sup> FENCE “seeks to develop and demonstrate a low-latency, low-power, event-based camera and a new class of signal processing and learning algorithms that uses combined spatial and temporal (spatio-temporal) information to enable intelligent sensors for tactical [DOD] applications.”

<sup>2</sup> CMBRE is a portable field tester and mission programmer for test and reprogramming of “precision-guided” munitions.

- AN/AAR-47 Missile Warning Set weapons replaceable assemblies (including sensors, computer processors, and Countermeasures Signals Simulator test gun sets) for U.S. Air Force, Czech Republic, Bahrain, Morocco, India, Spain, Austria, and Greece; N0001920G0005; 15 Apr 2021
- Advanced Anti-Radiation Guided Missiles, or AARGM, full rate production, lot 10; includes conversion of 87 U.S. government-provided AGM-88B High Speed Anti-Radiation Missiles (HARM) and 40 Germany AGM-88B HARM into 127 AGM-88E AARGM All-Up-Rounds, and related supplies and services necessary for their manufacture, spares, and deployment on F/A-18C/D, F/A-18E/F, and EA-18G aircraft → work in Northridge, CA (80%); Ridgecrest, CA (20%); N0001921C0013; 3 Aug 2021
- digital engineering and model based systems engineering, agile processes, open systems architecture, weapons and enterprise analytics for Eglin AFB, FL (Armament), and its partners; \$46B across 55 corporations; FA8656-21-D-A001; 3 Sep 2021
- AGM-88G Advanced Anti-Radiation Guided Missile - Extended Range (AARGM-ER) lot 1, low rate initial production and delivery: 16 AGM-88G AARGM-ER All Up Rounds, six AGM-88G AARGM-ER Captive Air Training Missiles, four Common Munitions BIT Reprogramming Equipment Plus interface devices, initial spares, and required supplies and support → Northridge, CA (61%); Rocket Center, WV (21%); China Lake, CA (11%); Ridgecrest, CA (7%); N0001921C0044; 14 Sep 2021

L3Harris (Van Nuys, CA)

- FMS (Egypt): a radio frequency amplifier, divider/combiner and isolator for the Egyptian Navy; SPRMM1-21-F-TW00; 19 Feb 2021

Northrop Grumman (Woodland Hills, CA) *Woodland Hills is northwest of Los Angeles.*

- inertial measurement units: procurement and sustainment (sustainment includes test, teardown and evaluation, failure analysis and repairs) in Salt Lake City, UT; FMS Germany funding \$239,430; N00164-21-D-JQ81; 2 Mar 2021
- support the E2-D Advanced Hawkeye aircraft program avionics flight management computers; SPRPA1-21-G-CT01; 12 Aug 2021
- repair, calibration, overhaul, and manufacture long lead component shop replaceable units to support Naval Undersea Warfare Center Division Newport Submarine High Data Rate (SubHDR) National Maintenance Center, which is responsible for returning SubHDR components to ready for issue condition → work in Salt Lake City, UT, for U.S. Navy (90%); U.K. (5.5%), Australia (2.5%), and Canada (2%); N66604-21-D-B000; 31 Aug 2021
- Link 16 B kits (25); three Link 16 B kit spares; and two Link 16 flight training device B kits for UH-1Y and AH-1Z helicopter modifications for U.S. Navy; also provides Link-16 systems engineering, program management, and logistics support → Woodland Hills, CA (92%); San Diego, CA (8%); N0001921C0073; 21 Sep 2021

Raytheon's Collins Aerospace (San Dimas, CA)

*San Dimas is east of West Covina and north of Pomona.*

- R&D, design, and on-site support of the Central Atmosphere Monitoring System (CAMS) → San Dimas, CA (85%); Philadelphia, PA (1%); Groton, CT (1%); New London, CT (1%); Kittery, ME (1%); Portsmouth, NH (1%); Norfolk, VA (1%); Portsmouth, VA (1%); Newport News, VA (1%); Kings Bay, GA (1%); Bremerton, WA (1%); Silverdale, WA (1%); Bangor, WA (1%); San Diego, CA (1%); Pearl Harbor, HI (1%); Santa Rita, Guam (1%); N64498-21-D-4014; 1 Apr 2021

Northrop Grumman (Redondo Beach, CA)

- on-orbit prototype demonstration, culminating with launch and early orbit testing for MDA's Hypersonic & Ballistic Tracking Space Sensor program; HQ0857-20-9-0003; 22 Jan 2021 via MDA, Schriever AFB, CO
- on-orbit operations and sustainment for the Space Tracking & Surveillance System at the Missile Defense Space Center, Colorado Springs, CO, and at Northrop Grumman, Redondo Beach, CA; F04701-02-C-0009; 19 Mar 2021 via MDA, Colorado Springs, CO

L3Harris Electron Devices Inc. (Torrance, CA)

*Torrance is southwest Los Angeles.*

- repair the guided traveling wave tube for F/A-18 aircraft; N00383-18-G-NR01; 9 Nov 2020
- F-16 aircraft electron tubes; SPRHA4-21-D-0001; 30 Sep 2021

L3Harris, sometimes d.b.a. Interstate Electronics Corp. (Anaheim, CA)

- Military GPS Users Equipment Miniature Serial Interface Increment 2 Application Specific Integrated Circuit (MGUE Inc 2 MSI ASIC): design, develop, build, integrate, qualify the MSI receiver card with next generation ASIC to enable production of M-Code-capable GPS receiver products → Cedar Rapids, IA; Anaheim, CA; El Segundo, CA; FA8807-21-C-0006; 6 Nov 2020 (with Raytheon El Segundo and Rockwell Collins Cedar Rapids) via SMC, Los Angeles AFB, CA
- MGUE Inc 2 MSI: incorporate an MSI engineering change proposal into the baseline; FA8807-21-C-0005; 6 Jul 2021 via SMC, Los Angeles AFB, CA
- services and support for [Trident II] flight test instrumentation systems → Anaheim, CA (55%); Cape Canaveral, FL (28%); D.C. (6%); Bremerton, WA (3%); Kings Bay, GA (3%); Barrow-in-Furness, UK (3%); Laurel, MD (1%); Silverdale, WA (1%); UK funds \$1,025,720; N00030-18-C-0001; 11 Dec 2020
- services and support for [Trident II] flight test instrumentation systems for the U.S. and U.K. → Anaheim, CA (60 %); Cape Canaveral, FL (25 %); D.C. (15%); N00030-18-C-0001; 12 Feb 2021

KBR d.b.a. Centauri LLC (Carlsbad, CA)

*KBR purchased Centauri (from Arlington Capital Partners) in autumn 2020.*

- software design and testing; updates to existing software products; cybersecurity; information assurance risk assessments; microservice module development and design; software interface development and design; development of technical support data and training materials; modification and design of new sensor models; performing photogrammetric, geo-positioning, and error propagation algorithm development; configuration management; web services; and distributed systems development for U.S. Navy and U.K., Australia, Canada, Poland, Finland, S. Korea, UAE, Italy, the Netherlands, Norway → work in China Lake, CA (40%); San Diego, CA (40%); Carlsbad, CA (20%); N6893621D0017; 6 Jul 2021 (w BAE Systems of San Diego and KAB Labs of San Diego)

### General Atomics (Poway, CA)<sup>3</sup>

- engineering and technical services required to accomplish research, development, integration, test, sustainment and operation for General Atomics unmanned aircraft systems; W31P4Q-15-D-0003; 28 Oct 2020
- the U.K. MQ-9B Protector program: design, development, integration and component-level testing of additional capabilities being added to the baseline program; FA8620-18-C-2009; 12 Nov 2020
- research, development, test and evaluation of artificial intelligence for the smart sensor prototype unmanned aerial platform; W911QX-21-C-0001; 18 Nov 2020
- FMS (France): contractor logistics support MQ-9 Block Five and Block One aircraft; FA8620-20-C-2009; 18 Dec 2020
- MQ-9 Reaper drone contractor logistics support: program management, contractor filed service representative support, depot repair & maintenance, sustaining engineering support, supply and logistics support, configuration management, tech data maintenance, software maintenance and inventory control point/warehouse support; FA8577-21-C-0001; 11 Dec 2020
- research, development, demonstration of Longshot (drone missiles) in Poway, CA (71%); Orlando FL (14%); Buffalo, NY (7%); Kirkland, WA (5%); Pontiac, MI (3%) for DARPA; HR0011-21-C-0023; 12 Feb 2021
- Group 5 Unmanned Air System (UAS) ISR support for Task Force Southwest and Marine Corps operations using contractor-owned/contractor-operated MQ-9 Reaper UAS → work in Yuma, AZ (45%); various locations OCONUS (40%); Poway, CA (15%); N00019-18-C-1063; 18 Feb 2021
- mission kits, ground support equipment, spares, element communications gear, and additional required equipment in support of the MQ-9A for US Navy → work in Manama, Bahrain (81%); Poway, CA (16%); Yuma, AZ (3%); 31 Mar 2021
- FMS (UK): one MQ-9 “Reaper” block 1, Lynx Synthetic Aperture Radar, Embedded GPS Inertial Navigation System, and UK specific modifications; FA8689-21-C-2009; 30 Mar 2021
- Group 5 unmanned air system (UAS) ISR support for outside the continental U.S. (OCONUS) Task Force Southwest and Marine Corps operations using contractor-owned/contractor-operated MQ-9 Reaper UAS → Yuma, AZ (45%); Poway, CA (15%); various locations OCONUS (40%); N0001918C1063; 27 May 2021
- FMS (France): MQ-9 Block 5 aircraft procurement program; FA8689-20-D-2020; 28 Jun 2021
- FMS (France): MQ-9 Block 5 aircraft procurement program; delivery order FA8689-21-F-2805; 1 Jul 2021
- MQ-9 Reaper and its dual control mobile ground control station: logistic support, maintenance services, supply chain and spares management, and sustainment → Yuma, AZ (45%); Manama, Bahrain (45%); Poway, CA (10%); N0001921C0016; 29 Jul 2021
- MQ-1C Gray Eagle full rate production and ground support equipment; W58RGZ-18-C-0037; 30 Jul 2021
- MQ-9 Reaper contractor logistics support for the U.K. Air Force; FA8620-19-C-2003; 25 Aug 2021
- MQ-9 Reaper support equipment and spare parts for the U.K. Air Force; FA8620-20-C-2016; 25 Aug 2021
- FMS (Italy): Mid-Life Modernization lot 1 MQ-9A block 5 aircraft and block 30 Mobile Ground Control Station procurement; FA8689-20-D-2020; 8 Sep 2021
- engineering and technical services for the Joint System Integration Lab, which is working on JADC2 at Aberdeen; W31P4Q-21-F-0359; 23 Sep 2021
- FMS (UK): MQ-9B Protector program: design, development, integration, and component level testing of additional capabilities being added to the baseline program; FA8620-18-C-2009; 28 Sep 2021

### General Atomics (San Diego, CA)

- Demonstration Rocket for Agile Cislunar Operations (DRACO) - Track A program for DARPA → San Diego, CA (71%); Louisville, CO (19%); Rockville, MD (3%); Seattle, WA (4%); Cullman, AL (3%); HR001121C0066; 9 Apr 2021
- support services for advanced arresting gear (AAG) depot planning Phase II efforts, to include logistics support, supportability analysis, maintenance planning, reliability maintenance, support equipment recommendations, program development and post production support, provisioning data, packaging requirements identification, and technical manual development as it directly correlates to AAG depot planning for the USS Gerald R. Ford (CVN 78); USS John F. Kennedy (CVN 79) → San Diego, CA (98.11%); Lakehurst, NJ (1.65%); Tupelo, MS (0.24%); N0001916G0006; 20 Apr 2021
- Advanced Arresting Gear Water Twister (WT) Mod-II shipsets for Gerald R. Ford-class aircraft carriers 78, 79, and 80; also develop logistics support products and engineering change proposals related to WT Mod-II as approved by Aircraft Launch & Recovery Equipment Program Decentralized Change Control Board → Tupelo, MS (55.8%); San Diego, CA (26.1%); Chicago, IL (3.6%); Cleveland, OH (2.8%); Dayton, OH (2.2%); Spring Gove, IL (2.1%); Placentia, CA (1.3%); Malvern, PA (1.3%); Birmingham, AL (1%); various locations within the continental U.S. (3.8%); N0001914C0037; 30 Apr 2021
- digital engineering and model-based systems engineering, agile processes, open systems architecture, weapons and enterprise analytics for Eglin AFB, FL, and its mission partners; FA8656-21-D-A001; 3 Sep 2021 (part of large \$46B contract)
- procure, install, and checkout two production shipsets, which consist of 140 Generation 3 configuration position sensor blocks for CVN 79 and CVN 80; also update the purchase cable drum (PCD) -05 configuration for CVN 79, and procure one PCD-07 configuration for CVN 80 → Newport News, VA (66%); San Diego, CA (13%); Tupelo, MS (21%); N0001914C0037; 28 Sep 2021

### Northrop Grumman (San Diego, CA)

- development, modernization, retrofit, and sustainment for all Air Force RQ-4 Global Hawk variants; \$4.8 billion IDIQ; FA8690-21-D-1009; 25 Nov 2020
- software and engineering sustainment, software support, logistics, cyber security and program related engineering for MQ-8 Fire Scout unmanned air systems; N00019-20-C-0025; 18 Dec 2020
- repair services for “common items” for both the RQ-4 Global Hawk and MQ-4C Triton; supports repairable national stock numbers (NSN), which encompass the air vehicle, multiple sensor packages, mission control element, and launch & recovery element; also

<sup>3</sup> General Atomics is one of the larger private war corporations. Most war corporations are public, i.e. they issue stock that people can purchase.

includes support engineering services covered under the Engineering Delegation Authority (namely Diminishing Manufacturing Sources and Material Shortages projects) for NSN transferred to and under the management of the 407th Supply Chain Management Squadron → San Diego, CA; Salt Lake City, UT; El Segundo, CA; Sterling, VA; Las Cruces, NM; Valencia, CA; Joplin, MO; Vandalia, OH; Troy, OH; Longueuil, Quebec, Canada; Woodland Park, NJ; Whippany, NJ; Indianapolis, IN; Woburn, MA; Twinsburg, OH; Medford, NY; Cypress, CA; Wichita, KS; San Jose, CA; and Linthicum, MD; FA8539-21-D-0001/FA8539-21-F-0007; 23 Dec 2020

- operational level spares for Joint Counter Radio-Controlled Improvised Explosive Device Electronic Warfare (JCREW) Increment One Block One (I1B1) systems for U.S. Navy (85%); Australia (15%); N00024-17-C-6327; 28 Dec 2020
- FMS (Japan): initial spare parts and program management tasks required to execute, manage, control, and report on Global Hawk program activities; FA8620-18-C-1000; 29 Dec 2020
- Battlefield Airborne Communications Node (BACN) operations, sustainment and support: R&D, test, and evaluation, integration and operations and sustainment and associated ground stations or controls, ancillary equipment, support equipment and system integration labs; FA8726-21-D-0001; initial task order FA8726-21-F-0023; 21 Jan 2021
- MQ-4C Triton unmanned aircraft systems (UAS): sustainment, engineering, logistics, test, mission control, and operator training systems support for U.S. Navy and Australia → Patuxent River, MD (36.5%); San Diego, CA (22.5%); locations outside continental U.S. (12.7%); locations within the continental U.S. (8.8%); Jacksonville, FL (7.7%); Mayport, FL (6.5%); Baltimore, MD (5.3%); foreign cooperative project funds; N0001921C0060; 15 Mar 2021
- increased scope and one additional MQ-4C Triton (LRIP, lot 5) → San Diego, CA (24.6%); Red Oak, TX (15%); Baltimore, MD (10.9%); Palmdale, CA (10.8%); Salt Lake City, UT (6.8%); Bridgeport, WV (5.8%); INpolis, IN (5.3%); Moss Point, MS (4.2%); San Clemente, CA (1.7%); New Town, North Dakota (1.2%); Waco, TX (1.2%); locations within continental U.S. (11.9%); locations outside continental United States. (0.6%); N0001919C0008; 26 Mar 2021
- software deployment re: Battlefield Airborne Communications Node (BACN) system and associated ground stations or controls, ancillary equipment and system integration laboratories; task order FA8726-21-F-0024; 26 Apr 2021
- continuing operator, maintenance, logistics, and sustainment engineering support of RQ-4A Global Hawk Broad Area Maritime Surveillance - Demonstrator (BAMS-D) aircraft for ISR → Patuxent River, MD (45%); undisclosed location outside continental U.S. (33%); San Diego, CA (8%); Indianapolis, IN (7%); El Segundo, CA (4%); Sterling, VA (2%); Salt Lake City, UT (1%); N0001921C0054; 10 Jun 2021
- repair RQ-4 Global Hawk and MQ-4C Triton → San Diego, CA; Salt Lake City, UT; El Segundo, CA; Sterling, VA; Las Cruces, NM; Valencia, CA; Joplin, MO; Vandalia, OH; Medford, NY; Cypress CA; Wichita, KS; San Jose, CA; Linthicum, MD; FA8539-21-F-0007; some Direct Cite Funds Program funding; 20 Jul 2021 (corrected on 26 Jul to be awarded on 22 Jul 2021)
- convert the main operating base (MOB)-8 (MB-8) secondary system to a MOB primary system; incorporates engineering change proposal (ECP) NG-4288 ultra-high frequency radio removal into MB-8; and incorporates the diminishing manufacturing sources change requests/ECP into MB-8, and forward operating base (FOB) (FB)-5, and the tooling main operating base; also procures and installs one MOB validation and verification kit, and one FOB validation/verification kit → Chantilly, VA (42.28%); Kearney Mesa, CA (31.21%); Patuxent River, MD (8.19%); Jacksonville, FL (6.08%); Palmdale, CA (4.98%); San Diego, CA (4.80%); Salt Lake City, UT (1.22%); Mayport, FL (1.17%); Dulles, VA (0.07%); N0001918C1028; 28 Jul 2021
- co-development, test and integration of Mode 5 software for the South Korea & Japan RQ-4 Global Hawk aircraft → San Diego, CA, with integration at Misawa Air Base, Japan, and Sacheon Air Base, South Korea; FA8620-18-C-1000; 1 Sep 2021
- non-destructive test and inspection support equipment and associated engineering for the MQ-4C Triton production aircraft for U.S. Navy and Australia → San Diego, CA (56%); Red Oak, TX (36.34%); Waltham, MA (3.82%); Emerado, ND (2.92%); various locations within continental U.S. (0.92%); some non-U.S. DOD participant funds; N0001921F0188 N0001920G0005; 22 Sep 2021
- engineering support services, other direct costs, and depot services for Joint Counter Radio-Controlled IED Electronic Warfare (JCREW) Increment One Block One (I1B1) systems Air Force (79%), Navy (18%), Australia (\$61,950, 2%); N00024-17-C-6327; 24 Sep 2021

Kratos (San Diego, CA) *Kratos is mid-sized rising star in the war industry.*

- control system consolidated production and sustainment services in Colorado Springs, CO; FA8808-13-C-0002; 23 Dec 2020 via Space and Missile Systems Center (SMC), Peterson AFB, CO
- support NAVWAR with management engineering, technical assistance, integrated logistics and security for wideband, narrowband and protected communications on afloat, ashore, airborne, submerged and space-based platforms → San Diego (80%); outside the continental U.S. (20%); N66001-21-D-0070 through 0080; 3 Mar 2021 (11 corporations on the contract) via NAVWAR Pacific

General Dynamics National Steel & Shipbuilding Co. San Diego (San Diego, CA)

- USS *Comstock* (LSD 45) fiscal 2021 docking selected restricted availability; N00024-21-C-4405; 3 Dec 2020
- USS *Pinckney* (DDG 91) FY22 depot modernization period (combination of maintenance, modernization and repair); N00024-21-C-4478; 4 Jun 2021
- additional special studies and cost reduction implementation studies in support of T-AO 205-class fleet replenishment oilers; N00024-16-C-2229; 28 Jul 2021

L3Harris (San Diego, CA)

- modernized radios and associated engineering to calibrate and maintain special test equipment while in production; N0001921C0064; 11 Jun 2021