

Space Support & Space Launch FY2019

The Aerospace Corp., El Segundo, CA

- operate the only federally funded research & development center focused on space (it's at Los Angeles AFB); contracting # FA8802-19-C-0001; issued 10 Jan 2019
 - o contracting activity = Space & Missile Systems Center, Los Angeles AFB, El Segundo, CA

Apogee Engineering, Colorado Springs, CO

- logistical support to various space organizations such as, Air Force Satellite Control Network, Space Lift Range System, GPS, Defense Meteorological Satellite Program, Military Satellite Communications, and Space Based Infrared Systems → work at Peterson AFB and Schriever AFB, CO; 15 Feb 2019¹
 - o Space & Missile Center/Sustainment Directorate at Peterson AFB, CO, (FA8823-19-F-0001)

Applied Defense Solutions Inc. Columbia, MD

- non-governmental space situational awareness services at Schriever AFB, CO; FA255017C8002; 5 Oct 2018
 - o 50th Contracting Squadron, Schriever AFB, CO

ARTEL LLC, Herndon, VA

- commercial satellite communications services supporting Air Force's Central Command ISR platforms; HC101316F0022; 30 Jan 2019
 - o Defense Information Technology Organization, Scott AFB, IL
- commercial satellite communications service supporting Air Force's Central Command network architecture within the Southwest Asia; HC101318F0016; 31 Jan 2019
 - o Defense Information Technology Organization, Scott AFB, IL
- commercial satellite communications service supporting U.S. Central Command Southwest Asia AOR and Europe Communications Network Architecture and Contingency Support; GS-35F-5151H / HC101315F0009; 12 Feb 2019
 - o Defense Information Technology Organization, Scott AFB, IL
- commercial satellite communications service; GS-35F-5151H/HC1013-16-F-0048; 16 Sep 2019
 - o Defense Information Technology Contracting Organization, Scott AFB, IL

Ball Aerospace & Technologies Corp., Boulder, CO

- Weather System Follow-on Microwave; development and fabrication of the Weather System Follow-on Microwave Space Vehicle 1; FA8810-18-C-0002; 8 Nov 2018
 - o Space & Missile Systems Center, Los Angeles AFB, CA

Blue Origin LLC, Kent, WA

- develop a Launch System Prototype for the Evolved Expendable Launch Vehicle (EELV) program → Kent, WA; Huntsville, AL; and Kennedy Space Center and Cape Canaveral; with launch facilities at Cape Canaveral Air Force Station and Vandenberg AFB; this agreement requires shared cost investment for the development of the New Glenn launch system; 10 Oct 2018 (NG and ULA received similar contracts on the same day)
 - o Launch Systems Enterprise Directorate, Space & Missile Systems Center, Los Angeles AFB, CA (FA8811-19-9-0001)

Boeing El Segundo

- see separate *Boeing 2019 doc*

Booz Allen Hamilton, McLean, VA

- additional battle management command & control systems engineering architecture modeling space support at Los Angeles AFB; FA8819-18-F-0002; 20 May 2019
 - o Space and Missile Systems Center, Los Angeles AFB, CA

Braxton Technologies LLC, Colorado Springs, CO

- enterprise ground services satellite operations, prototyping, and integration; provides for cross-domain solutions, design, integration, and rapid delivery team services → Welcome, MD; 17 May 2019
 - o Space & Missile Systems Center, Los Angeles AFB, CA (FA8806-19-C-0003)

CACI NSS Inc., Colorado Springs, CO

- support of Consolidated Air Force Satellite Control Network (AFSCN) modification, maintenance and operations → tracking stations in Diego Garcia; Guam; Ka'ena Point, HI; New Boston AFS, NH; Thule AFB, Greenland; Vandenberg AFB; Bordon and Hants, U.K.; Eastern Cape Canaveral Air Force Station, FL; FA8823-16-C-000C; issued 21 Nov 2018
- see CACI 2019 doc

¹ Space Logistics Infrastructure Support Services (SLISS) – 2 = services to the Space and Missile System Center Space Logistics Directorate and related space organizations; SLISS-2 used to acquire non-personal services in support of various missions, command, control, communications and intelligence activities within Air Force Space Command.

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Call Henry Inc., Titusville, FL

- management & support, maintenance & repair, operations, other services and minor alteration related to launch operations support at Vandenberg AFB, CA; FA4610-18-C-0005; 21 Mar 2019
 - o 30th Contracting Squadron, Vandenberg AFB, CA

CUBRC Inc., Buffalo, NY

- Enhanced Exploitation of Multi-Int Data For Space Situational Awareness: research, develop, and mature innovative concepts to support space situational awareness; address concepts including enhanced tracking and characterization of space objects, exploitation of non-traditional data sources, ontology development, anomaly detection, rendezvous and proximity operations, decision support; 27 Sep 2019
 - o AFRL Rome, NY (FA8750-19-C-0214)

The Design Knowledge Co., Fairborn, OH

- Advanced Visualization, Automation and Novel Computing Enterprise (ADVANCE); extends the previous Phase I and Phase III efforts by adding in other relevant algorithms, automation, cloud based integrations, full-spectrum workflows, advanced visualization, models and simulation to increase the technology readiness levels by testing and validating the ADVANCE system within a relevant environment of live set networks; 1 Jul 2019
 - o AFRL Space Vehicles directorate, Kirtland AFB, Albuquerque, NM, (FA9453-19-C-0038)

Engility (Andover, MA)

SAIC acquired Engility in January 2019.

- systems engineering and integration follow-on services for Air Force Space Overhead Persistent Infrared and Space Based Environmental Monitoring program → El Segundo, CA; 19 Nov 2018
 - o Space & Missile Systems Center, Los Angeles AFB (FA8810-19-F-0001)
- services supporting Space & Missile Systems Center Advanced Systems and Development Directorate, Ground Systems and Space Operations Division at Kirtland AFB, NM: engineering, development, integration, and sustainment supporting the current Ground System Enterprise throughout its evolution, including the transition to and buildout of Enterprise Ground Services → Kirtland AFB, NM; Schriever AFB, CO; 31 Jan 2019
 - o Space and Missile Systems Center Kirtland AFB, NM (FA8818-19-D-0003)

ENSCO Inc., Springfield, VA

- range and network division system engineering and integration; provides for the continued support in engineering, architectural and integration efforts → Los Angeles AFB, CA; and Peterson AFB, Colorado; FA8806-17-C-0001; issued 31 Oct 2018
 - o Space & Missile Center, Los Angeles AFB, CA
- accommodations off base for contractors working on the RN Systems Engineering and Integration (SE&I) Support contract → Colorado Springs; 30 Aug 2019
 - o Space & Missile Center, Sustainment Directorate, Peterson AFB, CO

Frontier Technology Inc. (Beavercreek, OH)

- IT work with Space & Missile Systems Center, Los Angeles AFB, see *IT 2019* doc

Harris Corp., Space & Intelligence Systems (Palm Bay, FL)

- upgrade Counter Communication System Block 10.1 to Block 10.2 config and deliver three new Block 10.2 systems incl depot spares; FA8819-17-C-0004; issued 24 Apr 2018
 - o Air Force Space & Missile Systems Center, Space Superiority Systems Directorate, Los Angeles AFB

Harris Corp. (Colorado Springs, CO)

- Ballistic Missile Early Warning System and the Precision Acquisition Vehicle Entry Phased Array Warning System (PAVE PAWS) (BPP) sustainment support: weapons system management & engineering, systems engineering, hardware repairs/spares, licenses & subscriptions, ESP collection/analysis, operational safety, suitability effectiveness; F19628-02-C-0010; issued 27 Apr 2018
 - o AFLCMC Peterson AFB, CO
- System Engineering & Sustainment Integrator (SENSOR) Perimeter Acquisition Radar Attack Characterization System (PARCS) support: PARCS management and engineering, systems engineering, hardware repairs/spares, licenses & subscriptions, ESP collection/analysis, and operational safety, suitability and effectiveness; F19628-02-C-0010; 30 Apr 2018
 - o AFLCMC Peterson AFB, CO
- National Space Defense Center sustainment effort, Schriever AFB; F19628-02-C-0010; 28 Jun 2018
 - o Space and Missile Systems Center, Peterson AFB, CO
- continued space control depot support (SCDS), including development, sustainment engineering, and ongoing logistics support; FA8819-08-C-0001; 19 Sep 2018
 - o Space and Missile Systems Center, Los Angeles AFB, CA
- wideband satellite communications operational management system network (monitoring, configuring, maintaining) → MacDill AFB, FL; Fort Meade, MD; Fort Detrick, MD; Peterson AFB, CO; Wahiawa, HI; Fort Buckner, Japan; Landstuhl, Germany; 27 Nov 2018
 - o Army Contracting Command, Redstone Arsenal, AL (W91260-19-C-0001)

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- Combat Mission Systems Support (CMSS): sustain the Space & Missile Systems Center ground-based electronic warfare systems and develop the Counter Communications System Block 10.3. → Colorado Springs, CO; and Palm Bay, FL; 24 Jan 2019
 - o Space & Missile Systems Center, Los Angeles AFB, CA (FA8819-19-C-0002)
- manufacture Air Force Satellite Control Network complaint L and S band antennas for the space combat range → Colorado Springs, CO; Kirtland AFB, NM; FA8819-19-C-0002; 21 Jun 2019
 - o Air Force Space & Missile Systems Center, Los Angeles AFB, CA
- fiscal 2020 Eglin sustainment support for the Eglin AN/FPS (Army, Navy/Fixed Ground Detecting/Range and Bearing Search)-85 radar;² F19628-02-C-0010; credited as L3Harris; 18 Sep 2019
 - o Space & Missile Systems Center, Peterson AFB, CO
- FY2020 Distributed Space Command and Control – Dahlgren (DSC2-D) sustainment support in Dahlgren, VA; activities for the Mission Processing System (MPS);³ F19628-02-C-0010; 27 Sep 2019 (credited as L3Harris)
 - o Space and Missile Systems Center, Peterson AFB, CO
- National Space Defense Center (NSDC) sustainment at Schriever AFB, CO, which is housed within the Distributed Space Command & Control–Dahlgren program of record at Schriever AFB, CO; F19628-02-C-0010; 27 Sep 2019 (credited as L3Harris)
 - o Space & Missile Systems Center, Peterson AFB, Colorado Springs, CO

Infinity Systems Engineering LLC, Colorado Springs, CO

- GPS Engineering, Analysis & Remote Site Sustainment II: organizational maintenance and operational support services to the operational unit that will include remote site technicians, network administrative officers and operations support; 19 Oct 2018
 - o Space & Missile Systems Center, Peterson AFB (FA8823-19-C-0001)

Inmarsat Government Inc., Reston, VA

- commercial satellite communication services at Inmarsat Government; 18 Jun 2019
 - o Defense Information Technology Organization, Scott AFB, IL, (GS-35F-0016X/HC1013-19-A-0005)
- commercial satellite communications service; GS00Q-17-NRD-4014/HC1013-18-F-0243; 16 Sept 2019
 - o Defense Information Technology Contracting Organization, Scott AFB, IL

IntelSat General Corp., McLean, VA

- commercial satellite communications service for U.S. Air Force's Central Command (AFCENT) network architecture, which includes fixed and mobile platforms, including remotely piloted aircraft and communications on-the-move assets; GS-35F-0478U/HC1013-16-F-0020; 15 Feb 2019
 - o Defense Information Technology Contracting Organization, Scott AFB, IL, (HC1013-16-F-0020-P00007)

Iridium Satellite LLC (Tempe, AZ)

- extension of services on the current airtime (HC104714C4000) in accordance with FAR 52.217-8. 2019; 12 Oct 2018
 - o Defense Information Technology Contracting Organization, Scott AFB, IL
- continued support of commercial satellite-based network services for the Department of War in the areas of satellite, ground node, user equipment/terminal software and hardware development, integration and testing; N00178-17-C-0001 → McLean, VA (50%); Tempe, AZ (50%); 20 Nov 2018
 - o Naval Surface Warfare Center, Dahlgren Division, Dahlgren, VA
- services on the current Airtime contract; HC104714C4000; 22 Apr 2019
 - o Defense Information Technology Contracting Organization, Scott AFB, IL (HC104714C4000, P00009)
- extension of services on the current Airtime contract; 21 May 2019
 - o Defense IT Contracting Organization, Scott AFB, IL (HC104714C4000)
- extend services on the current Airtime (HC104714C4000); HC104714C4000; 21 June 2019
 - o Defense Information Technology Contracting Organization, Scott AFB, IL
- extend services on the current Airtime; HC104714C4000; 19 July 2019
 - o Defense Information Technology Organization, Scott AFB, IL
- unlimited access to Iridium's global commercial satellite network for enhanced mobile satellite airtime communication services; 13 Sept 2019
 - o Defense Information Technology Contracting Organization, Scott AFB, IL (HC1013-19-C-0006)
- technical enhancements and lifecycle upgrades to the existing Enhanced Mobile Satellite Services (EMSS) Gateway equipment, servers, and network infrastructure → work at contractor facility in VA, AZ, and the EMSS Gateway facility; HC1013-19-D-0005; 27 Sep 2019
 - o Defense Information Technology Contracting Organization, Scott AFB, IL (HC1013-19-D-0005)

² The Eglin AN/FPS-85 Radar is a computer-controlled, phased-array radar set operating in the Air Force Space Command Space Surveillance Network. The radar set performs detection, target recognition, acquisition and track of many space objects.

³ MPS is the computation center and directly supports the DSC2-D mission by providing space control data from all space surveillance sensors. The DSC2-D functions as the backup to U.S. Strategic Command's 18th Space Control Squadron Space Situational Awareness Operations cell.

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Kratos Technology & Training Solutions Inc. (San Diego, CA)

- Control System Consolidated (CCS-C) Production and Sustainment; services are required to sustain and provide post-production development for the current CCS-C system for telemetry, tracking and commanding of current and future military satellite communications satellites; FA8808-13-C-0008; 21 Dec 2018
 - o Space & Missile Systems Center, Peterson AFB, CO

Northrop Grumman Orbital ATK Chandler, AZ

- see *Northrop Grumman FY2019 doc*

Peraton Government Communications Herndon, VA

- commercial satellite communications service to CENTCOM; 47QTCA18D00FD/HC101315F0023; 16 May 2019
 - o Defense IT Contracting Organization, Scott AFB, IL

Range Generation Next LLC, Sterling, VA

- relocating communications systems to the newly constructed Eastern Range communications facility, with work mostly at the Eastern Range at Patrick AFB; FA8806-15-C-0001; 21 Dec 2018
 - o Space & Missile Systems Center, Peterson AFB, CO
- Launch and Test Range System Integrated Support operations, maintenance, and sustainment at Vandenberg AFB, CA, and Patrick AFB, FL; FA8806-15-C-0001; 22 March 2019
 - o Space & Missile Systems Center, Peterson AFB (FA8806-15-C-0001)
- support operations, maintenance and sustainment on the Launch and Test Range System at Vandenberg AFB, CA, and Patrick AFB, FL; FA8806-15-C-0001; 18 Sept 2019
 - o Space and Missile Systems Center, Peterson AFB, CO

SES Government Solutions, Reston, VA

- commercial satellite communications service directly supporting U.S. Central Command operations; GS-35F-0328V / HC101315F0008; 1 Mar 2019
 - o Defense Information Technology Organization, Scott AFB, IL
- commercial satellite communication services; HC1013-18-A-0002; 12 July 2019
 - o Defense Information Technology Contracting Organization, Scott AFB, IL, (GS-35F-0328V/HC1013-18-A-0002, HC1013-19-F-0119)

Sonolysts Inc. (Waterford, CT)

- standard Space Trainer sustainment and mission-specific vendor plug-in (MSVP) for the Space Training Acquisition Office and future development of MSVPs; 27 Dec 2018
 - o Space & Missile Center, Los Angeles AFB, CA
- develop the training system supporting GPS Next Generation Operational Control System under the management of the Space Training Acquisition Office; FA8806-19-C-0002; 26 Feb 2019
 - o Space and Missile Systems Center, Los Angeles AFB, CA
- Standard Space Trainer Mission-Specific Vendor Plug-in (MSVPs) for the Upward Early Warning Radar; provides for future development of MSVPs; FA8806-19-C-0002; 26 Aug 2019
 - o Space & Missile Systems Center (SMC) Los Angeles AFB, El Segundo, CA

Space Ground Systems Solutions (West Melbourne, FL), a subsidiary of Braxton Science & Technology Group (Colorado Springs, CO).

- spacecraft engineering, software, research and development services to the Naval Center for Space Technology → Naval Research Laboratory, D.C. (50%); Space Ground Systems Solutions LLC, Melbourne, FL (50%); N00173-15-D-2015; 13 Mar 2019

Space Vector Corp. (Chatsworth, CA)

- Sounding Rocket Program-4 (SRP-4): suborbital launch services and launch support to accomplish the Rocket Systems Launch Program's suborbital mission; sub-orbital research, development, and test launch services, including prototype demonstrations and missile defense targets → Chatsworth, CA; Chandler, AZ, and government launch sites; FA8818-19-D-0002; issued 16 Nov 2018 w Northrop Grumman Orbital ATK (Chandler, AZ)
 - o Space & Missile Systems Center, Kirtland AFB, NM

Tecolote Research Inc., El Segundo, CA

- acquisition, strategic communication, and administrative capabilities for Remote Sensing Systems Directorate for integrated program management of space-related research, development, production, sustainment, and lifecycle acquisition activities; 12 Feb 2019, 14 Feb 2019
 - o SMC Remote Sensing Systems Contracting Division, Los Angeles AFB (FA8810-19-F-0002)

Tecolote Research Inc., Goleta, CA

- advisory financial services re: space control systems at Los Angeles AFB, including development, sustainment engineering, and ongoing logistics support; 19 Apr 2019
 - o SMC Space Superiority Systems Directorate, Los Angeles AFB, CA (FA8819-19-F1002)

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The Pentagon is always renaming programs and units. In March 2019, the Evolved Expendable Launch Vehicle program became the "National Security Space Launch" program.

Space Exploration Technologies Corp. ("SpaceX") Hawthorne, CA

- experimentation in the areas of establishing connectivity, operational experimentation, and special purpose experimentation; will include connectivity demonstrations to Air Force ground sites and aircraft for experimental purposes; experiments in two other key areas: early versions of a commercial space-to-space data relay service and mobile connectivity directly from space to aircraft; FA8650-17-S-9300; 19 Dec 2018
 - o AFRL Wright-Patterson AFB, OH, (FA8650-19-9-9320)
- launch services to deliver the NROL-87, NROL-85, and AFSPC-44 missions to their intended orbits; launch service will include launch vehicle production, mission integration, mission launch operations/spaceflight worthiness and mission unique activities for each mission → Hawthorne, CA; Cape Canaveral Air Force Space Station, FL; and Vandenberg AFB, CA; 19 Feb 2019
 - o SMC Launch Systems Enterprise Directorate, Los Angeles AFB, El Segundo, CA (FA8811-19-C-0004)

United Launch Services (Centennial, CO), a Lockheed Martin & Boeing joint venture

- develop a Launch System Prototype for the Evolved Expendable Launch Vehicle (EELV) program → Centennial, CO; Decatur, AL; Cape Canaveral AFS, Vandenberg AFB; 10 Oct 2018
 - o SMC Launch Systems Enterprise Directorate, Los Angeles AFB, CA (FA8811-19-9-0003)
- Evolved Expendable Launch Vehicle Delta IV heavy launch services: launch vehicle production services for National Reconnaissance Office (NRO) Launch Mission One → Centennial, CO; Decatur, AL; launch will occur at Cape Canaveral AFS, FL, or Vandenberg AFB, CA; 24 Oct 2018
 - o SMC Los Angeles AFB (FA8811-19-C-0002)
- launch services to deliver the SILENTBARKER and SBIRS GEO-5 and -6 missions to intended orbits; includes launch vehicle production, mission integration, mission launch operations / spaceflight worthiness, and mission unique activities → Centennial, CO, and Cape Canaveral, FL; 19 Feb 2019
 - o SMC Launch Systems Enterprise Directorate, Los Angeles AFB (FA8811-19-C-0005)
- National Security Space Launch Delta IV heavy launch services: launch vehicle production services for NRO Launch Mission Two, the second of three planned NRO launch missions under this contract → Centennial, CO; Decatur, AL; Cape Canaveral AFS, FL; FA8811-19-C-0002; 9 May 2019
 - o SMC Los Angeles AFB, CA
- National Security Space Launch Delta IV heavy launch services: launch vehicle production services for NRO Launch Mission Three → Centennial, CO; Decatur, AL; Cape Canaveral, FL; FA8811-19-C-0002; 7 Aug 2019
 - o SMC Los Angeles AFB
- National Security Space Launch Delta IV heavy launch services: Launch Operations Support (LOPS) services for five NSSL NRO missions, all using ULS's Delta IV launch vehicle → Centennial, CO; Pueblo, CO; Decatur, AL; Harlingen, TX; with launch facilities at Cape Canaveral AFS, FL; Vandenberg AFB, CA; FA8811-19-C-0002; 30 Sep 2019
 - o SMC Los Angeles AFB, CA

pertinent construction

M.A. Mortenson Co. Minneapolis, MN

- design and construct a 61,515 square foot administrative facility including administrative spaces, classrooms, and secure spaces at Buckley AFB, CO; 18 Dec 2018
 - o USACE Omaha, NE, (W9128F-19-C-0006)

McCarthy HITT – Next NGA West JV, St. Louis, MO

- construction of the National Geospatial-Intelligence Agency's new facility in St. Louis, MO; 19 Mar 2019
 - o USACE Kansas City, MO, (W912DQ-19-C-7001)

M.C. Dean Inc., Tysons, VA

- additional load centers, uninterruptible power source systems and computer room air conditioner units, at Buckley AFB, Aurora, CO; W912DR-18-C-0006; 10 Sep 2019
 - o USACE Baltimore, MD

Lead Builders Inc., Thousand Oaks, CA

- renovation in Vandenberg AFB, CA; 23 Sep 2019
 - o USACE Los Angeles, CA (W912PL-19-C-0027)

Frazier Engineering, Inc., Melbourne, FL

- renovation (Bldg. 313) at Patrick AFB, FL; 27 Sep 2019
 - o USACE Louisville, KY (W912QR-19-C-0047)