

## Big 5 War Corporations – Southern U.S., FY2020

### Lockheed Martin Missiles and Fire Control Global Logistics Support Services (Lexington, KY)

- design, integrate, validate hardware & software to improve on-board situational awareness between disparate tactical network systems; FA8629-20-C-5036; 30 Sep 2020

### Northrop Grumman Remotec Inc. (Clinton, TN)

- reset, sustain, maintain, recap Remotec family of robots; W56HZV-20-F-0366; 10 Aug 2020

### General Dynamics Missions Systems (McLeansville, NC)

- engineering support for ongoing development, test, and production of Surface Mine Countermeasure Unmanned Undersea Vehicle program, a.k.a. Knifefish → Quincy, MA (52%); McLeansville, NC (27%); Braintree, MA (10%); Hanover, MD (5%); Reston, VA (5%); Ann Arbor, MI (1%); N61331-11-C-0017; 20 Jul 2020

### General Dynamics Gulfstream Aerospace Corp. (Savannah, GA)

- C-20 and C-37 fleet sustainment: in Savannah, GA; NAS Sigonella, Italy; Ramstein AB, Germany; Andrews AFB, MD; JB Pearl-Harbor-Hickam, HI; Marine Corps Base Hawai'i; Ronald Reagan Washington National Airport, D.C.; FA8106-18-D-0002; 28 Jan 2020
- C-20 and C-37 fleet sustainment at Savannah, GA; Maryland (mostly JB Andrews); FA8106-16-D-0006; 28 Jan 2020
- acquisition of two C-37B aircraft; 30 Jan 2020

### Lockheed Martin Aeronautics (Marietta, GA)

- FMS (France): C-130J long term sustainment → work at Marietta, GA, and at French air bases; 24 Oct 2019
- operational flight program upgrades on C-130 aircraft, along with systems engineering and integration support activities for SOCOM; H92403-18-D-0002-P00002; 26 Nov 2019
- C-130J center wing box replacement; 5 Mar 2020
- FMS (France): C-130J support; FA8553-20-C-0001; 31 Mar 2020
- C-130J development, integration, retrofit and production activities for all C-130J variants; “provides flexibility to accommodate the broad enterprise of activities associated with the C-130J program”; involves unspecified FMS; 17 Jul 2020
- consumable parts and material in support of C/KC-130J aircraft for USA and Kuwait → Marietta, GA (66.5%); Palmdale, CA (15.5%); Abdullah Al-Mubarak AB, Kuwait (2.5%); Iwakuni, Japan (2.5%); Miramar, CA (2.5%); Cherry Point, NC (2.5%); Elizabeth City, NC (2.5%); Fort Worth, TX (2.5%), Newburgh, NY (2.5%); Greenville, SC (0.5%); N00019-19-D-0014; 21 Sep 2020

### Northrop Grumman Systems Corp. (Warner Robins, GA)

- supply chain management of AN/ALQ-155, AN/ALQ-161, AN/ALQ-184 and AN/APN-241 systems; provides repairs, spares and engineering services; 4 Sep 2020

### Boeing (Huntsville, AL)

- demonstrate a successful transition of fiber combined laser technology from MIT's Lincoln Laboratory, though work takes place in Huntington Beach, CA; HQ0277-18-C-0003; 16 Dec 2019
- Ground-based Midcourse Defense (GMD) Communications Network Modernization, the in-flight interceptor communications system data terminals technology upgrade, and complete GMD fire control communication ground systems software build 8 early integration → Boeing and Northrop Grumman in Huntsville, AL; L3Harris in Melbourne, FL; 27 Dec 2019
- GMD: manufacture C2 boost vehicles, booster spare parts, and associated avionics to maintain fleet and flight test programs; HQ0147-12-C-0004/19-C-0004; 7 May 2020
- GMD: four additional Configuration 2 Ground Based Interceptor boost vehicles → Chandler, AZ; HQ0147-12-C-0004/-19-C0004; 10 Jul 2020
- GMD development and sustainment, including upgrade & repair of specialized production equipment for Ground Based Interceptors (GBI), cybersecurity activities, a payload to support system testing → Huntsville, AL; Tucson, AZ; Chandler, AZ; HQ0147-12-C-0004/-19-C0004; 28 Sep 2020

### General Dynamics (Huntsville, AL)

- non-standard rotary wing aircraft (which are helicopters) project office systems engineering and technical assistance support services in Huntsville, AL; W31P4Q-05-A-0028; 19 Nov 2019
- engineering services and contractors on the battlefield; W58RGZ-18-C-0043; 26 May 2020

Northrop Grumman (Huntsville, AL)

- engineering, logistics, integration, test & evaluation, and program management activities; W31P4Q-08-C-0418; 11 Oct 2019
- support Integrated Battle Command System tests → Huntsville, AL; Fort Bliss, TX; White Sands Missile Range, NM; W31P4Q-08-C-0418; 25 Sep 2020

Raytheon IDS (Huntsville, AL)

- the Army Integrated Air and Missile Defense Plug & Fight A-Kit, materials and support; W31P4Q-20-F-0150; 27 Feb 2020

Boeing (Hazelwood, MO)

- Advanced Technology Support Program (ATSP4) for the Defense Microelectronics Activity (DMEA) on 11 June 2020 with 7 other corporations

Boeing Distribution Services Defense (O'Fallon, MO)

- broad supply chain management of industrial hardware relating to maintenance, repair and overhaul missions; SPE5EY-16-D-0547; 15 July 2020

Boeing (St. Louis, MO)

- system engineering and program management universal armament interface development; FA8628-20-C-2269; 25 Oct 2019
- engineering, logistics product data, and retrofit kits for incorporation of the Distributed Targeting Processor-Network into F/A-18 aircraft for U.S. Navy and Australia → St. Louis, MO (99%); China Lake, CA (0.5%); Whidbey Island, WA (0.5%); N00019-16-G-0001; 4 Nov 2019
- Laser Small Diameter Bomb rounds and shipping containers for special operations; 7 Nov 2019
- aircraft movable canopies for U.S. Navy; SPE4A1-19-G-0013; 8 Nov 2019
- Global Material Support Program for AH-64 and CH-47 helicopters → work in MO and AZ; SPRPA1-14-D-002U; 19 Nov 2019
- Trailing Edge Flap retrofit redesign kits for F/A-18E/F aircraft → St. Louis, MO (72%); Lucerne, Switzerland (20%); Paramount, CA (5%); Hot Springs, AR (3%); N00019-16-G-0001; 21 Nov 2019
- retrofit kits for incorporation of Distributed Targeting Processor-Network into the EA-18G aircraft for U.S. Navy → St. Louis, MO (99%); China Lake, CA (0.5%); Whidbey Island, WA (0.5%); N00019-16-G-0001; 21 Nov 2019
- continued service life modifications on F/A-18E/F aircraft → San Antonio, TX (59%); El Segundo, CA (25%); St. Louis, MO (16%); 25 Nov 2019
- production engineering support for installing & integration of weapon systems on F/A-18 E/F and EA-18G aircraft → Patuxent River, MD (82%); St. Louis, MO (18%); N00019-16-G-0001; 26 Nov 2019
- engineering technical services in support of Naval Aviation weapon systems and all associated systems and equipment throughout their sustainment life-cycle for aircraft (AV-8B, EA-18G, F/A-18, C-40, P-8A) for U.S. Navy and Kuwait → work in Iwakuni, Japan (17.88%); Oceana, VA (8.48%); Whidbey Island, WA (8.25%); New Orleans, LA (7.26%); Miramar, CA (6.85%); Beaufort, SC (5.45%); Kuwait (5.36%); Fort Worth, TX (5.06%); North Island, CA (5.06%); Jacksonville, FL (4.61%); Pensacola, FL (3.63%); Kaneohe Bay, HI (3.63%); Patuxent River, MD (3.63%); China Lake, CA (3.63%); Cherry Point, NC (3.63%); Yuma, AZ, (3.63%); Fallon, NV (1.8%); Lemoore, CA (1.8%); various locations within CONUS (.3%); various locations OCONUS (.06%); FA8601-18-C-0010; 18 Dec 2019
- automated backup oxygen system retrofit kits, spares, support equipment, and associated special tooling for retrofit kit installation on T-45 aircraft → San Antonio, TX; N00019-16-G-0001; 23 Dec 2019
- Next Generation Automated Test Systems to support repair of land vehicles (Abrams tank, Bradley Fighting Vehicle, Stryker); W15QKN-14-D-0106; 23 Dec 2019
- FMS (NATO): C-17 simulator training supporting NATO partners → work in the U.K.; FA3002-16-D-0006; 27 Dec 2019
- Harpoon/SLAM-ER missile system and Harpoon launch systems integrated logistics and engineering services for U.S. Navy (26%) and FMS (74%) → St. Charles, MO (91.89%); St. Louis, MO (5.47%); Yorktown, VA (2.64%); N00019-16-G-0001; 10 Dec 2020
- performance-based support of consumable items for various aviation platforms; SPRPA1-14-D-002U; 16 Dec 2019
- Advanced Capability Mission Computers for F/A-18 E/F production for U.S. Navy, Australia, Kuwait; N00019-19-C-0073; 23 Dec 2019
- FMS (Switzerland): spare items for Flight Control Surfaces on F/A-18 aircraft; SPRPA1-14-D-002U; 10 Jan 2020
- F-15 Advanced Display Core Processor (ADCP) II LRIP; FA8634-18-C-2698; 30 Jan 2020
- repair cowling and fan ducts on KC-135 aircraft; 3 Feb 2020

- KC-135 aircraft structural component fittings (landing gear trunnions); 4 Feb 2020
- support Unmanned Surface Vehicle Family of Systems; part of large contract; N00024-20-D-6355; 5 Feb 2020
- FMS (Switzerland): trailing edge flaps for F/A-18 C-D aircraft → Emmen, Switzerland (60%); St. Louis, MO (40%); N00383-17-G-A301; 10 Feb 2020
- repair various avionics equipment used on F/A-18 aircraft → Lemoore, CA (99%); Philadelphia, PA (1%); N00383-18-G-AY01; 11 Feb 2020
- the next three planned configurations of the operator flight program/system configuration set into Australia's F/A-18 F and EA-18G aircraft training systems; also procures spares, support equipment, technical manual updates, and on-site training → St. Louis, MO (85%) Amberley, Australia (15%); 24 Feb 2020
- A1 G-Model kits and 66 A3 E-Model kits in support of F/A-18E/F and EA-18G modifications → El Segundo, CA (86%); St. Louis, MO (6%); San Antonio, TX (6%); Mesa, AZ (2%); N00019-16-G-0001; 25 Feb 2020
- SLAM-ER: continued phase one design maturity, analysis, and test planning for Saudi Arabia; also replaces "obsolete, nearly obsolete, or uneconomical" parts as part of the SLAM-ER obsolescence redesign program → St. Charles, MO (61%); Indianapolis, IN (15%); Melbourne, FL (9%); Walled Lake, MI (8%); Windsor Locks, CT (3%); various locations within CONUS (4%); N00019-18-C-1057; 12 Mar 2020
- installation and environmental control system repair of the Advanced Display Core Processor II's boxes and related equipment into F-15 aircraft at NAS New Orleans, LA; FA8634-18-C-2698; 31 Mar 2020
- Mission Training Centers services on simulation equipment, which train pilots and weapons system operators for F-15C/F-15E aircraft → Seymour Johnson AFB, NC; Mountain Home AFB, ID; Langley AFB, VA; Kadena AB, Japan; Lakenheath, U.K.; FA8621-16-C-6397; 1 Apr 2020
- MQ-25 aerial refueling drone's System Demonstration Test Articles → St. Louis, MO (52%); Indianapolis, IN (12%); Torrance, CA (6%); Longueil, Quebec (5%); Columbus, MS (4%); McKinney, TX (3%); Monroe, NC (2%); Bridgeport, MS (2%); Goleta, CA (2%); Palm Bay, FL (2%); Irvine, CA (2%); Anaheim, CA (1%); Clearwater, FL (1%); San Diego, CA (1%); Irwindale, CA (1%); Ajax, Ontario (1%); Eatontown, NJ (1%); Endicott, NY (1%); City of Industry, CA (1%); N00019-18-C-1012; 2 Apr 2020
- Harpoon missiles: ongoing long lead material for Saudi Arabia (\$63,135,788; 86%); Qatar (\$7,274,491; 10%); Thailand (\$1,763,513; 2%); S. Korea (\$514,890; 1%); Brazil (\$469,535; 1%); Japan (\$41,782; 1%) → St. Charles, MO (54%); McKinney, TX (23%); Toledo, OH (8%); Burnley, U.K. (3%); Middletown, CT (2%); Grove, OK (2%); various locations within CONUS (8%); N00019-19-C-0016; 2 Apr 2020
- FMS (Qatar): maintenance and logistics support for F-15 aircraft and training devices conducting pre-delivery training; 6 Apr 2020
- FMS (Saudi Arabia): adjustment to SLAM-ER Phase I obsolescence redesign; also allegedly provides "replacement of obsolete, nearly obsolete or uneconomical parts" while meeting the requirements of the Navy SLAM-ER performance specification → St. Louis, MO (47%); Indianapolis, IN (37%); Pontiac, MI (9%); Melbourne, FL (3%); Middletown, CT (2%); Black Mountain, NC (2%); N00019-17-C-1057; 13 Apr 2020
- part of major \$7.14B to support NAWCAD; contracts are for three distinct lots, each with vendor pools supporting different requirements; N00421-20-D-0076/ N00421-20-D-0092; 15 Apr 2020
  - o Lot I = full rate production of mission system avionics.
  - o Lot II = full rate production of other aircraft components, production and installation of modification kits.
  - o Lot III = full rate production of other aircraft components, production and installation of modification kits.
  - o NAWCAD Patuxent River, MD
- additional primary bleed air regulator parts kits and new valves for F/A-18 aircraft; N00019-16-G-0001; 16 Apr 2020
  - o NAVAIR Patuxent River, MD
- support F/A-18E/F aircraft Service Life Assessment Program and Service Life Extension Program, Phase C; also provides some engineering to assess the "fatigue life" of the aircraft as well as its subsystems and structures → St. Louis, MO (50%); El Segundo, CA (50%); 24 Apr 2020
- engineering, manufacturing, development support to integrate BRR3.1 software to the Next Generation Jammer on Boeing EA-18G Growler aircraft, resulting in BRR3.1 software initial operating capability; N00019-16-C-0032; 28 Apr 2020
- infrared search and track Block II LRIP IV units for U.S. Navy and Australia → Orlando, FL (73%); St. Louis, MO (27%); N00019-19-C-0019; 30 Apr 2020
- crew rest modification efforts on the C-32 fleet at JB Andrews, MD; FA8134-20-F-5701; 27 Apr 2020
- B-52 hatches; 1 May 2020
- FMS (NATO): C-17 training devices and spares for the NATO Airlift Management Program located at Papa AB, Hungary; FA8621-15-D-6266; 12 May 2020
- FMS (Saudi Arabia): non-recurring engineering associated with SLAM-ER obsolescence redesign effort as well as production and delivery of 650 SLAM ER missiles → St. Louis, MO (47%); Indianapolis, IN (37%); Pontiac, MI (9%); Melbourne, FL (3%); Middletown, CT (2%); Black Mountain, NC (2%); N00019-20-C-0003; 13 May 2020

- Harpoon missiles production and/or support equipment for FMS [Brazil, Thailand, Qatar, Saudi Arabia, Japan, Netherlands, India, S. Korea] → St. Louis, MO (30%); McKinney, TX (28%); Toledo, OH (6%); Grove, OK (5%); Pontiac, MI (4%); Putnam, CT (2%); Galena, KS (2%); Burnley, U.K. (2%); Lititz, PA (1%); Minneapolis, MN (1%); various locations within CONUS (19%); N00019-19-C-0016; 13 May 2020
- maturation, demonstration, and proliferation of capability across platforms and domains, leveraging open systems design, modern software and algorithm development in order to enable Joint All Domain Command & Control (JADC2); development and operation of “systems as a unified force across all domains (air, land, sea, space, cyber and electromagnetic spectrum) in an open architecture family of systems that enables capabilities via multiple integrated platforms”; FA8612-20-D-0001; 29 May 2020 (w many other corporations)
- B61-12 [nuclear bomb] Life Extension Program; FA2103-18-C-0061; 12 June 2020
- R&D of “adaptive and robust control” for hypersonic engagement research; comprehend and address impacts of complex flight environments on advanced weapon systems; 15 June 2020
- FMS (Saudi Arabia): F-15SA aircrew training devices, a full mission trainer, a visual database, and contractor logistics support for existing devices → St. Louis, MO; King Faisal AB, Saudi Arabia; King Khalid AB, Saudi Arabia; FA8621-17-C-6398; 16 June 2020
- non-recurring engineering in support of establishing a functional configuration baseline in support of the production and delivery of Automatic Dependent Surveillance-Broadcast Out (ADS-B Out) A-kits and B-kits for the T-45 Training System; also provides kit integration, follow-on analysis and engineering in support of issues that may arise during kit production & installation → St. Louis, MO (97%); Mesa, AZ (1%); locations within CONUS (2%); N00019-16-G-0001; 22 June 2020
- retrofit modification upgrades to F-18 Super Hornet and FA-18 Growler display suites within the Block III Cockpit Systems → St. Louis, MO (65%); Mesa, AZ (15%); China Lake, CA (10%); Ft. Walton Beach, FL (10%); some unspecified FMS; N00019-16-G-0001; 25 June 2020
- follow-on consumable performance-based support for P-8A aircraft; SPRPA1-17-D-003U; 30 June 2020
- design, development, integration, manufacturing, test, verification, certification, delivery, sustainment, and modification of F-15EX aircraft, as well as spares, support equipment, training materials, technical data, and technical support; delivery order FA8634-20-F-0022 → St. Louis, MO; Eglin AFB, FL; 13 July 2020
- multiple flight control surfaces for F/A-18 E-G aircraft; some sales to Kuwait; N00383-17-G-A301; 15 July 2020
- Skyborg Vanguard Program delivery orders; “prototyping, experimentation and autonomy development contract will be used to deliver missionized prototypes in support of operational experimentation and develop the first Skyborg air platform with modular hardware and software payloads that will incorporate the Skyborg autonomy core system and enable manned/unmanned teaming”; \$400 million IDIQ w 3 others; 23 July 2020
- KC-135 aircraft structural component fittings (landing gear trunnions); 31 July 2020
- Harpoon Block II+ captive air training missiles and tactical missiles → St. Louis, MO (65.2%); Galena, KS (8.5%); Lititz, PA (3.99%); McAlester, OK (2.76%); Anniston, AL (2.58%); Chatsworth, CA (2.15%); Minneapolis, MN (2.06%); Chandler, AZ (2.03%); Cedar Rapids, IA (1.53%); locations within CONUS (9.2%); N00019-16-G-0001; 12 Aug 2020
- Joint Direct Attack Munition (JDAM) technical support and integration: studies and analysis; product improvement & upgrades; integration; and associated hardware and testing; FA8681-19-D-0005; 12 Aug 2020
- F-15 wing support; SPE4A1-15-G-0001; 15 Sep 2020
- intermediate level repair at Fleet Readiness Centers; also provides development of support equipment to test and troubleshoot aircraft armament equipment specifically pylons, bomb rack units, sonobuoy launchers, armament control panel, and the aft pneumatic source for P-8A aircraft → St. Louis, MO (60%); Indianapolis, IN (30%); Whidbey Island, WA (5%); Jacksonville, FL (5%); 16 Sep 2020
- test & evaluation support for Next Generation Jammer integration on EA-18G aircraft; N00019-16-C-0032; 22 Sep 2020
- Small Diameter Bomb Increment I munitions, containers, and carriages for DOD and FMS (Australia, Belgium, Israel, Japan, South Korea, Netherlands, Norway); 24 Sep 2020
- weapon replaceable assemblies and shop replaceable assemblies test requirements documents, or equivalent, for the development of F/A-18 E/F Infrared Search & Track System operational test program sets on the electronic consolidated automated support system; N68335-20-F-0723 N00019-16-G-0001; 24 Sep 2020
- FMS (Saudi Arabia): one Joint Common Test Set with exercise test capability for the Harpoon program → Saint Charles, MO (39.3%); Piedmont, MO (9.9%); Cincinnati, OH (4.4%); Burlingame, CA (3.9%); Eden Prairie, MN (3.4%); Hauppauge, NY (3.2%); Dittmer, MO (2.2%); Westerly, RI (2.2); Bohemia, NY (2.1%); Kansas City, MO (1.5%); Orange Park, FL (1.4%); San Diego, CA (1.2%); Waynesboro, VA (1.1%); Longmont, CO (1.1%); various locations within CONUS (23.1%); N00019-16-G-0001; 28 Sep 2020