

General Electric FY2020 and FY2019

General Electric (Cincinnati, OH)

- integrated electronic controller kits for LM2500 marine gas turbine engines (MGTE), which are installed in FFG 7, CG 47, DDG 51, LCS Independence variant, LHD 8 and LHA 6AF-class vessels; N00024-18-G-4113; issued 1 Nov 2019
 - o contracting activity = NAVSEA Washington, D.C.
- Engine Component Improvement Program: provides a list of projects each calendar year to include developing engineering changes to the engines, developing repairs as needed, and designing modifications to existing support equipment; also supports to resolve service-revealed deficiencies and maintain or extend the life limits of aircraft engines; 10 Jan 2020
 - o AFLCMC Wright-Patterson AFB, OH (FA8626-20-D-0002)
- supplies related to TF-34 engine for U.S. Air Force; 13 Apr 2020
 - o DLA Aviation, Richmond, VA (SPE4AX-20-D-9002)
- F110-GE-129 engine production, including installs and spares and modernized engine management system computers; involves foreign military sales (FMS) to Slovakia, Bulgaria, Taiwan, Qatar; 28 Apr 2020
 - o AFLCMC Wright-Patterson AFB, OH (FA8626-18-D-0029)
- support the T700 series engine program; 19 June 2020
 - o Army Contracting Command, Redstone Arsenal, AL (W58RGZ-20-D-0046)
- an out-of-scope modification with a new statement of work and justification and approval to issue an undefinitized contract action, "which is being used to preserve an at risk industrial base impacted by the COVID-19 pandemic"; 2020 Defense Production Act Title III funds allocated; FA8626-16-2138; 5 June 2020
 - o AFLCMC Wright-Patterson AFB, OH
- purchase and delivery of F110-GE-129 engines (for F-15EX), including installs and spares and modernized engine monitoring system computers; "an unusual and compelling urgency" acquisition; 30 June 2020
 - o AFLCMC Wright-Patterson Air Force Base, OH (FA8626-20-C-0016)
- supplies for airplane engine platform support; some unspecified FMS; SPE4AX-15-D-9412; 24 Jul 2020
 - o DLA Aviation, Richmond, VA (SPE4AX-15-D-9412)
- remanufacture the F108-200 (CFM56-2A) low pressure turbine assembly to like-new condition; 1 Sep 2020
 - o Air Force Sustainment Center, Tinker AFB, OK (FA8122-20-D-0010)
- overhaul F108 engines for USAF → work in Ohio and Canada; 11 Sep 2020
 - o DLA Aviation, Richmond, VA (SPE4AX-20-D-9005)
- field service representatives in support of the T700 series engine program; 15 Sep 2020
 - o Army Contracting Command, Redstone Arsenal, AL (W58RGZ-20-D-0069)
- remanufacture the F108 Module 13/15 low pressure turbine union assembly; 23 Sep 2020
 - o Air Force Sustainment Center, Tinker, AFB, OK (FA8122-20-D-0007)
- Advanced Turbine Technologies for Affordable Mission-Capability (ATTAM) Phase I: aims to develop & demonstrate new turbine propulsion, power, and thermal technologies; FA8650-19-D-2057; issued 10 Oct 2018
 - o AFRL Wright-Patterson AFB, OH
- FMS (**Egypt**): conversion kits to upgrade F110-GE-100 engines used in Lockheed Martin F-16 aircraft; 31 Oct 2018
 - o Air Force Sustainment Center, Tinker AFB, OK (FA8122-19-D-0001)
- engineering & technical services on a variety of aircraft engines; on-site training and advice to elevate technical skill and abilities of operation/maintenance personnel → Buckley AFB, CO; Baltimore, MD; Springfield, IL; Tinker AFB, OK; NAS North Island, CA; Camp Pendleton, CA; Isa Air Base (AB), Bahrain; Cairo West AB, Egypt; Engine Depot, Israel; Ahmed al Jaber AB, Kuwait; Daegu AB, South Korea; 41.6% FMS to Israel; Egypt; Bahrain; S. Korea, Kuwait; 4 Dec 2018
 - o AFLCMC, Wright-Patterson AFB, OH (FA8604-19-D-8004)
- electronic controller kits to convert the LM2500 hydro-mechanical main fuel control system into a digital fuel control configuration; upgrades DDG 51 and CG 47 ships; N00024-18-G-4113; 24 April 2019
 - o NAVSEA Washington, D.C.
- F110-GE-100 aircraft engine support in KS and TX for U.S. Air Force and Egypt; 30 May 2019
 - o DLA Aviation, Richmond, VA (SPE4AX-19-D-9439)
- LM2500 single shank hot section kits and paired blade components, replacing worn out nozzles and blades during engine repair; 16 May 2019, 11 June 2019
 - o NAVSEA D.C. (N00024-18-G-4113)
- F138 sustaining engineering, program management, and field service representative support → Dover AFB, DE; Lackland AFB, TX; Robins AFB, GA; Tinker AFB, OK; Travis AFB, CA; Scott AFB, IL; Westover AFB, MA; 9 Sept 2019
 - o AFLCMC Tinker AFB, OK (FA8124-19-D-0005)
- research concepts for propulsion system technology for the next generation engine and integrated power, thermal management system, and potential capabilities for the next generation jet engine aircraft; 16 Sept 2019

- NAWCAD Lakehurst, NJ (N68335-19-C-0622)

General Electric Aviation Systems LLC (Vandalia, OH)

- generator converter units used on F/A-18 aircraft; N00383-17-G-AK01; 5 Feb 2020
 - NAVSUP Weapon Systems Support, Philadelphia, PA
- generator converter units (GCU) G3 to G4 conversion kits, G4 GCUs and wiring harnesses in support of F/A-18E/F and E/A-18G Growler aircraft electrical systems; N-00019-18-C-0004; 21 Apr 2020
 - NAVAIR Patuxent River, MD
- alternative regulator engine and generators for U.S. Army; 30 Sep 2020
 - DLA Aviation, Redstone Arsenal, AL (SPRRA1-20-D-0090)
- repair items that are part of G2/G3 generator converter units used on F/A-18 aircraft → Coronado, CA (70%); Vandalia, OH (30%); 14 Feb 2019
 - NAVSUP Weapon Systems Support, Philadelphia, PA (N00383-19-D-UJ01)
- Generator Conversion Unit (GCU) G3 to G4 conversion retrofit kits; GCU G4 units; wiring harnesses; and technical, financial, and administrative data for F/A-18E/F and E/A-18G aircraft; N00019-18-C-0004; 5 Sept 2019
 - NAVAIR Patuxent River, MD

General Electric Aviation (Evandale, OH)

- supplies and services to complete “F414-GE-400 spraybar B-nut rework” for F/A-18E/F and EA-18G aircraft, including main short and ignition spraybars and bolts → Lynn, MA; FA8122-14-G-0001; 29 Nov 2018
 - NAWCAD Patuxent River, MD

General Electric (Grand Rapids, MI)

- repair, upgrade, or replacement, required availability, required reliability, configuration management, inventory management and obsolescence management for the Stores Management System (SMS) AYQ-9, AN/AYQ-13C, and AN/AYQ-13B; the Stores Management Upgrade System AYK-22; the Communication Set Controller (CSC) C-10382/A and C-12658/A → Clearwater, FL; 18 Oct 2019
 - NAVSUP Weapon Systems Support, Philadelphia, PA (N00383-20-F-VX01)

General Electric (Lynn, MA)

- F414-GE-400 production install engines, engine devices, and engine device K-seals for F/A-18E/F aircraft → Lynn, MA (48%); Evandale, OH (20%); Hooksett, NH (14%); Rutland, VT (9%); Madisonville, KY (9%); HT0015-19-F-0161 / N00019-18-C-1061; 2 Oct 2019
 - NAVAIR Patuxent River, MD
- T700 engine deliveries for helicopter programs (H-60, AH-64), Air Force programs, FMS, and other government agencies; W58RGZ-15-D-0048; 25 Nov 2019
 - Army Contracting Command, Redstone Arsenal, AL
- engineering and engine system support for T700 Component Improvement Program; N00421-19-G-0001; 27 Dec 2019
 - Naval Air Warfare Center Aircraft Division, Patuxent River, MD
- support the Marine Corps Presidential Helicopter Program: five CT7-8A6 engines with metal shipping containers, interface harness and associated control hardware; SPE4A1-17-G-0008; 17 Dec 2019
 - NAVAIR Patuxent River
- engineering and engine system support for F414 (an engine used on the Boeing F-18 Super Hornet) Component Improvement Program; N00421-19-G-0001; 19 Dec 2019
 - NAWCAD Patuxent River
- F414-GE-400 engines and engine devices for F/A-18 aircraft → Lynn, MA (59%); Hooksett, NH (18%); Rutland, VT (12%); Madisonville, KY (11%); N00019-18-C-1061; 30 Mar 2020
 - NAVAIR Patuxent River, MD
- F414-400 spare engines, afterburner modules, and low-pressure turbine modules for F/A-18 aircraft → Lynn, MA (59%); Hooksett, NH (18%); Rutland, VT (12%); Madisonville, KY (11%); N00019-18-C-1061; 7 Apr 2020
 - NAVAIR Patuxent River, MD
- engineering, phase 2 assembly planning effort for restart of T-64 engine core production re: (Lockheed Martin) H-53E helicopters → Lynn, MA (89%); Rutland, VT, Cherry Point, NC, Madisonville, KY (11%); N00019-16-G-0005; 8 Apr 2020
 - NAVAIR Patuxent River, MD
- supplies related to the J85 engine; 22 May 2020
 - DLA Aviation, Richmond, VA (SPE4AX-20-D-9445)
- maintenance and overhaul of the Stage 1 Nozzle; 28 May 2020
 - Army Contracting Command, Redstone Arsenal, AL (W58RGZ-20-D-0036)

- commercial depot level services for repair & overhaul of T700-GE-401/401C engines, cold section modules, and power turbine modules for H-60 Seahawk helicopters and H-1 Cobra and Bell UH-1 Huey helicopters → Wingsfield, KS; 5 June 2020
 - o NAWCAD Patuxent River, MD (N00421-20-D-0115)
- project management and engineering support, materials, and documentation to implement, manage and report on the B-Sump Additive Manufacturing, Temperature Distortion Sensitivity Test, second source bearing, second source external hose and fittings, Second Source Accessory Gear Box, and emergency oil system elimination cost reduction initiatives for CH-53K helicopter engines (the T408) → Lynn, MA (80%); Patuxent River, MD (15%); Evendale, OH (5%); N00019-16-G-0005; 17 Sep 2020
 - o NAVAIR, Patuxent River, MD
- T-64 engine combustion chambers for U.S. Navy; SPE4AX-19-D-9400; 24 Sep 2020
 - o DLA Aviation, Philadelphia, PA
- T-64 engine exhaust frames for U.S. Navy; SPE4AX-19-D-9400; 24 Sep 2020
 - o DLA Aviation, Philadelphia, PA
- T-64 engine nozzle turbines for U.S. Navy; SPE4AX-19-D-9400; 24 Sep 2020
 - o DLA Aviation, Philadelphia, PA
- T-64 engine compressor casings for U.S. Navy; SPE4AX-19-D-9400; 24 Sep 2020
 - o DLA Aviation, Philadelphia, PA
- F414-GE-400 engine devices for F/A-18 aircraft; N00019-17-C-0047 → work in Evendale, OH; 17 Oct 2018
 - o NAVAIR Patuxent River, MD
- prospective redetermination, requirements for support of T64 aircraft engine for U.S. Navy; 12 Dec 2018
 - o DLA Aviation, Richmond, VA (SPE4AX-19-D-9400)
- engineering & support of F414 engine component improvement program; N0042119G0001; 13 Dec 2018
 - o NAWCAD Patuxent River, MD
- F414-GE-400: install engines for F/A-18; N00019-17-C-0047 → Lynn, MA (59%); Hookset, NH (18%); Rutland, VT (12%); Madisonville, KY (11%); 28 Dec 2018
 - o NAVAIR, Patuxent River, MD
- install F414-GE-400 engines (powers the F/A-18E/F aircraft); also provide 56 F414-GE-400-1A engines; four F414-GE-400 spare engines; two spare engine containers and 12 spare engine modules for **Kuwait**; N00019-17-C-0047 → Lynn, MA (59%); Hooksett, NH (18%); Rutland, VT (12%); Madison, KY (11%); 18 Dec 2018
 - o Purchases: U.S. (\$33,261,704; 11%); Kuwait (\$257,573,072; 89%)
 - o NAVAIR, Patuxent River, MD
- engineering & manufacturing development of Improved Turbine Engine Program; 1 Feb 2019
 - o Army Contracting Command, Redstone Arsenal, AL (W58RGZ-19-C-0003)
- repair different head-of-family part numbers for the T-64 engine → Cherry Point, NC; 27 Feb 2019
 - o NAVSUP Weapon Systems Support, Philadelphia (N00383-19-D-UK01)
- repair, replacement, and program support of 35 family groups of F404 engine components used on F/A-18 A-D aircraft → Jacksonville, FL (80%); contractor facilities (20%); 29 March 2019
 - o NAVSUP Weapon Systems Support, Philadelphia (N00383-19-D-US01)
- F/A-18 F-414-GE-400: engine devices for U.S. Navy and Kuwait; also provides 2 spare and 6 test F414-GE-400 install engines devices for Kuwait → Evendale, OH; N00019-17-C-0047; 20 June 2019
 - o NAVAIR Patuxent River, MD
- combustion chambers for U.S. Navy; FA8122-19-G-0001; 27 Aug 2019
 - o DLA Aviation, Philadelphia, PA
- compressor casings for U.S. Navy; 3 Sept 2019
 - o DLA Aviation, Philadelphia
- T408-GE-400 turboshaft engines for the Lockheed Martin CH-53K helicopter; provides associated engine and programmatic support, logistics support, peculiar support equipment, and spares; N00019-18-C-1007; 4 Sept 2019
 - o NAVAIR Patuxent River, MD
- engine exhaust frames for U.S. Navy; FA8122-19-G-0001; 6 Sept 2019
 - o DLA Aviation, Philadelphia, PA (19111-5098)
- F414-GE-400 engines & engine devices for F/A-18E/F aircraft → Lynn, MA (59%); Hooksett, NH (18%); Rutland, VT (12%); Madisonville, KY (11%); N00019-18-C-1061; 23 Sept 19
 - o NAVAIR Patuxent River
- combustion liners for T-64 engines for U.S. Navy; FA8122-19-G-0001; 26 Sept 2019
 - o DLA Aviation, Philadelphia

General Electric Research (Niskayuna, NY)

- Materials Architecture & Characterization for Hypersonics (MACH): design & validate a transpiration cooling system to reduce heating at the leading edge and control part temperature in line with material capability; 14 Nov 2019
 - o Wright-Patterson AFB, OH (FA8650-20-C-7011)
- research, development, and demonstration of Rapid Assurance Curation Kit (RACK) software to enable certifiers to rapidly determine system risk acceptability: provide a common evidence representation and efficient ingestion Application Programming Interface, automatic feedback to evidence providers, automatic decomposition of evidence, a polystore that organizes diverse evidence items, the ability to accept and store provenance metadata and an efficient query interface; 2 Mar 2020
 - o AFRL Rome, NY (FA8750-20-C-0203)
- Measuring Biological Aptitude (MBA) effort: develop a generalizable computational platform to assess warfighter aptitude and performance based on expression circuits that link macroscopic phenotypes to the underlying molecular biology of the individual → Niskayuna, NY; Cambridge, MA; Storrs, CT; Bethesda, MD; 25 Sept 2019
 - o more at <www.darpa.mil/program/measuring-biological-aptitude>
 - o AFRL Wright-Patterson AFB, OH (FA8650-19-C-7945)

General Electric Aviation Systems (Sterling, VA) (sometimes does business as Dowty Propellers)

- evaluation and repair and/or modification of marine propellers used on Landing Craft Air Cushion vehicles → Sterling, VA (80%); the U.K. (20%); 15 Sep 2020
 - o NAVSUP Weapon Systems Support, Mechanicsburg, PA (N00104-20-C-CA04)
- R391 propellers and spares to support C-130J aircraft, in conjunction with the commercial Rolls Royce AE2100D3 engine managed by Warner Robins, Air Logistics Center, Tactical Airlift Division; 10 Sept 2019
 - o AFLCMC Robins AFB, GA (FA8504-19-F-0028)

General Electric Medical Systems Information Technologies Inc. (Wauwatosa, WI)

- patient monitoring systems, accessories and training; 11 Jan 2019
 - o DLA Troop Support, Philadelphia, PA (SPE2D1-19-D-0010)

GE Power Conversion Naval Systems Inc. (Cranberry Township, PA)

- supply proprietary spare parts for the Power Recirculation Drive System located at the Naval Surface Warfare Center, Philadelphia Division; 26 Sept 2019
 - o The Philadelphia facilities use Power Recirculation Drive System to recirculate electrical power.
 - o Naval Surface Warfare Center, Philadelphia Division, PA (N64498-19-D-5001)