

**DEFENSE INDUSTRIAL BASE ASSESSMENT:
U.S. Air Force Supply Chain**



SCOPE OF ASSESSMENT

The U.S. Department of Commerce, Bureau of Industry and Security (BIS), Office of Technology Evaluation, in coordination with the U.S. Department of Defense (DOD), U.S. Air Force Sustainment Center (AFSC) is conducting a survey and assessment of organizations affiliated with the sustainment of U.S. Air Force systems supported by the AFSC. The resulting data will provide a baseline understanding of the structure and interdependencies of organizations that participate in Air Force sustainment, maintenance, repair, and overhaul programs and their associated supply chains. This effort will also enhance the AFSC's ability to evaluate and address supply chain deficiencies, foreign sourcing and dependencies, and other challenges facing the U.S. defense industrial base.

RESPONSE TO THIS SURVEY IS REQUIRED BY LAW

A response to this survey is required by law (50 U.S.C. App. Sec. 2155). Failure to respond can result in a maximum fine of \$10,000, imprisonment of up to one year, or both. Information furnished herewith is deemed confidential and will not be published or disclosed except in accordance with Section 705 of the Defense Production Act of 1950, as amended (50 U.S.C App. Sec. 2155). Section 705 prohibits the publication or disclosure of this information unless the President determines that its withholding is contrary to the national defense. Information will not be shared with any non-government entity, other than in aggregate form. The information will be protected pursuant to the appropriate exemptions from disclosure under the Freedom of Information Act (FOIA), should it be the subject of a FOIA request.

Notwithstanding any other provision of law, no person is required to respond to nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number.

BURDEN ESTIMATE AND REQUEST FOR COMMENT

Public reporting burden for this collection of information is estimated to average 14 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information to BIS Information Collection Officer, Room 6883, Bureau of Industry and Security, U.S. Department of Commerce, Washington, D.C. 20230, and to the Office of Management and Budget, Paperwork Reduction Project (OMB Control No. 0694-0119), Washington, D.C. 20503.

BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act

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GENERAL INSTRUCTIONS

A.	<p>Your organization is required to complete this survey on the supply chain for the sustainment, maintenance, repair, and overhaul of aircraft and other U.S. Air Force systems. Your organization has been identified either as a supplier to the Air Force or as part of this multi-tiered supply chain.</p> <p>You must complete the survey using the DOC/BIS template which is Microsoft Excel based and can be downloaded from the secure Census Bureau portal: https://respond.census.gov/airforcesupplychain</p> <p>If you are not able to download the survey document, at your request BIS staff will e-mail the Excel survey template directly to you.</p> <p>For your convenience, a PDF version of the survey and required drop-down content is available on the BIS website to aid internal data collection. DO NOT SUBMIT the PDF version of the survey as your response to BIS. Should this occur, your organization will be required to resubmit the survey in the requested Excel format.</p>
B.	<p>Respond to every question. Surveys that are not fully completed will be returned for completion. Use the comment boxes to provide any information to supplement responses provided in the survey form. Make sure to record a complete answer in the cell provided, even if the cell does not appear to expand to fit all of the information. The survey includes a glossary for your convenience, referring to the glossary while completing the survey is recommended.</p> <p>Sections 3a-3k must be completed before proceeding to respond to later parts of the survey, as answers to these sections support menu options in other survey sections.</p> <p>DO NOT CUT AND PASTE RESPONSES WITHIN THIS SURVEY.</p> <p>Survey inputs should be completed by typing in responses or by using a drop-down menu. The use of cut and paste can corrupt the survey template. If your survey response is corrupted as a result of cut and paste responses, a new survey will be sent to your organization for immediate completion.</p>
C.	<p>Do not disclose any classified information in this survey form.</p>
D.	<p>Submission of completed survey documents should be done through the secure Census Bureau portal: https://respond.census.gov/airforcesupplychain Do not E-Mail surveys to BIS.</p>
E.	<p>Questions related to the survey should be directed to BIS survey support staff at AFSCsurvey@bis.doc.gov</p> <p>E-mail is the preferred method of contact.</p> <p>You may also speak with a member of the BIS survey support staff by calling (202) 482-7808.</p>
F.	<p>For questions related to the overall scope of this Defense Industrial Base assessment, contact AFSCsurvey@bis.doc.gov or:</p> <p>Brad Botwin, Director, Industrial Studies Office of Technology Evaluation, Room 1093 U.S. Department of Commerce 1401 Constitution Avenue, NW Washington, DC 20230</p> <p>DO NOT submit completed surveys to Mr. Botwin's postal or personal e-mail address. All surveys must be submitted electronically to the secure Census Bureau portal.</p>

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Section 1: Location and Organization Information

Provide the following information for your location:

For the purpose of this survey, a location is a single contiguous site. Locations may (and often will) contain multiple facilities. Additionally, all off-work site activities associated with a location should be reported as part of that location. For instance, employees who work at a client site should be considered as part of their employing location.

Location Name	
Organization Name	
Street Address	
City	
State	
Zip Code	
Website	
Phone Number	
In 2-3 sentences, provide a general description of this location's activities	

A.

Commercial and Government Entity (CAGE) Code(s) at this location		Data Universal Numbering System (DUNS) Code(s)	
Find CAGE codes at: https://cage.dla.mil/		Find DUNS numbers at: https://www.dnb.com/duns-number/	

Is this the only location your organization currently operates? If no, does your organization also have locations outside of the U.S.?

B.

Is your organization publicly traded or privately held?		If your organization is publicly traded, identify its stock ticker symbol:	
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C.

Does your organization have a parent company?		If yes, provide the following information on your parent organization(s):	
		Parent Organization 1	Parent Organization 2 (if applicable)
Organization Name			
Street Address			
City			
State/Province			
Country			
Postal Code/Zip Code			
In 2-3 sentences, provide a general description of the parent organization's activities			

E.

Point of Contact regarding this survey:				
Name	Title	Phone Number	E-mail Address	State

Comments:	
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Section 2: Market Segment and Ownership

From the list below, identify any of the market segments that your organization currently serves:

Market Segment	Primary/Secondary/Other	Sectors Served
Aircraft		
Automotive		
Communications		
Computers/Business Equipment		
Consumer Goods		
Construction/Building		
Electronics		
Energy		
Food/Agriculture		
A. Ground Vehicles		
Healthcare		
Industrial		
Marine (surface and underwater)		
Raw Materials		
Research & Development		
Services/Consulting		
Space		
Other (specify here)		
Other (specify here)		
Other (specify here)		

Identify and rank in descending order all entities that directly or indirectly own or have beneficial ownership of five percent or more of your organization (including parent companies and others):

Entity Name	Percent of Company Held	Street Address	City	State/Region	Country

Does your organization qualify as any of the following types of business?	If Yes, indicate which types:
A small business enterprise (as defined by the Small Business Administration)	
8(a) Firm (as defined by the Small Business Administration)	
C. A historically underutilized business zone (HUBZone)	
A minority-owned business	
A woman-owned business	
A veteran-owned or service-disabled veteran owned business	

Comments:

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Section 3a: Products and Services

In Section 3 you will be asked to identify the products and services your location manufactures, distributes, researches, and/or provides, or has the capability of providing. For the purpose of this survey "capability" is defined as having the ability to provide the product or service within 12 months in typical business conditions. Products are separated based on Federal Supply Group (FSG) and in each sub-section further differentiated by Federal Supply Class (FSC). For more information on Federal Product Service codes, see https://www.acquisition.gov/PSC_Manual.

Identify each FSG in which your location has capabilities. In the next nine pages (sections 3b through 3k), for each area in which your location has capabilities, you will provide information on the individual type of products or services within these categories in which your location has capabilities.

The list below contains links that can move you to the tab containing that particular FSG. After completing this page you may skip to the sections with the products that pertain to your location, but be sure to review all segments to ensure you do not omit any required information.

Federal Supply Group (FSG)	Capability	Federal Supply Group (FSG)	Capability	Federal Supply Group (FSG)	Capability
10 - Weapons		40 - Rope, Cable, Chain, and Fittings		69 - Training Aids and Devices	
11 - Nuclear Ordinance		41 - Refrigeration, Air Conditioning Equip.		70 - ADP Equipment Software, Supplies, Equipment	
12 - Fire Control Equipment		42 - Fire Fighting, Rescue, and Safety Equipment		71 - Furniture	
13 - Ammunitions and Explosives		43 - Pumps and Compressors		72 - Household/Commercial Furnishings and Appliances	
14 - Guided Missiles		44 - Furnace/Steam Plant/Drying Equip, Nuclear Reactors		73 - Food Preparation and Serving Equipment	
15 - Aircraft & Airframe [and Space] Structural Components		45 - Plumbing, Heating, and Sanitation Equipment		74 - Office Machines	
16 - Aircraft [and Space] Components and Accessories		46 - Water Purification and Sewage Treatment Equipment		75 - Office Supplies and Devices	
17 - Aircraft [and Space] Launching/Landing/Ground Handling Equip.		47 - Pipe, Tubing, Hose, Fittings		76 - Books, Maps, and Other Publications	
19 - Ships, Small Craft, Pontoons, and Floating Docks		48 - Valves		77 - Musical Instruments	
20 - Ship and Marine Equipment		49 - Maintenance and Repair Shop Equipment		78 - Recreational and Athletic Equipment	
22 - Railway Equipment		51 - Hand Tools		79 - Cleaning Equipment and Supplies	
23 - Ground Vehicles, Motor Vehicles, Trailers, Cycles		52 - Measuring Tools		80 - Brushes, Paints, Sealers, and Adhesives	
24 - Tractors		53 - Hardware and Abrasives		81 - Containers, Packaging, and Packing Supplies	
25 - Vehicular Equipment Components		54 - Prefabricated Structures and Scaffolding		83 - Textiles/Leather/Furs/Apparel/Shoes/Tents/Flags	
26 - Tires and Tubes		55 - Lumber, Millwork, Plywood, and Veneer		84 - Clothing, Individual Equipment, and Insignia	
28 - Engines, Turbines, and Components		56 - Construction and Building Materials		85 - Toiletries	
29 - Engine Accessories		58 - Communications, Detection and Coherent Radiation		87 - Agricultural Supplies	
30 - Mechanical Power Transmission Equipment		59 - Electrical and Electronic Equipment Components		88 - Live Animals	
31 - Bearings		60 - Fiber Optics Materials and Components		89 - Subsistence (Food)	
32 - Woodworking Machinery and Equipment		61 - Electric Wire, and Power and Distribution Equipment		91 - Fuels, Lubricants, Oils, and Waxes	
34 - Metalworking Machinery		62 - Lighting Fixtures and Lamps		93 - Nonmetallic Fabricated Materials	
35 - Service and Trade Equipment		63 - Alarm, Signal, and Detection Systems		94 - Nonmetallic Crude Materials	
36 - Special Industry Machinery		65 - Medical, Dental, and Veterinary Equipment		95 - Metal Bars, Sheets, and Shapes	
37 - Agricultural Machinery and Equipment		66 - Instruments and Laboratory Equipment		96 - Ores, Minerals, and Their Primary Products	
38 - Construction, Mining, Excavating, Highway Maint.		67 - Photographic Equipment		99 - Miscellaneous	
39 - Materials Handling Equipment		68 - Chemicals and Chemical Products		A-Z - R&D or Services	

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Section 3b: FSGs 10 - 14: Weapons, Nuclear Ordnance, Fire Control Equipment, Ammunitions and Explosives, Guided Missiles

For each Federal Supply Class (FSC) in which your location has capabilities (defined for this survey as having the ability to provide the product or service within 12 months in typical business conditions), indicate the type of general capabilities and whether your location has provided this item to the USG/Air Force in the last four years. Then, provide a description of the products provided, and indicate whether your location carries out research & development (R&D) for these products. If the product contains any of the 35 federally designated critical mineral (see definitions for full listing), identify the primary such mineral (based on estimated level of criticality to the product). For each FSC line, provide your location's primary part number, and National Item Identification Numbers (NIINs), if known.

Do not disclose any classified information in this survey form.

	Product Capability	Service Capability	Support of Air Force	Support of Other USG Agency	Product Description	R&D	Primary Critical Mineral	Primary Part Number	Primary NIIN	Other NIINs (comma-delimited)
10 - Weapons										
1005 - GUNS, THROUGH 30MM										
1010 - GUNS, OVER 30MM UP TO 75MM										
1015 - GUNS, 75MM THROUGH 125MM										
1020 - GUNS, OVER 125MM THROUGH 150MM										
1025 - GUNS, OVER 150MM THROUGH 200MM										
1030 - GUNS, OVER 200MM THROUGH 300MM										
1035 - GUNS, OVER 300MM										
1040 - CHEMICAL WEAPONS AND EQUIPMENT										
1045 - LAUNCHERS, TORPEDO AND DEPTH CHARGE										
1055 - LAUNCHERS, ROCKET AND PYROTECHNIC	Idle Capability									
1070 - NETS AND BOOMS, ORDNANCE										
1075 - DEGAUSSING AND MINE SWEEPING EQUIPMENT										
1080 - CAMOUFLAGE AND DECEPTION EQUIPMENT										
1090 - ASSEMBLIES INTERCHANGEABLE BETWEEN WEAPONS IN 2 OR MORE CLASSES										
1095 - MISCELLANEOUS WEAPONS										
11 - Nuclear Ordnance										
1105 - NUCLEAR BOMBS										
1110 - NUCLEAR PROJECTILE										
1115 - NUCLEAR WARHEADS AND WARHEAD SECTIONS										
1120 - NUCLEAR DEPTH CHARGES										
1125 - NUCLEAR DEMOLITION CHARGES										
1127 - NUCLEAR ROCKET										
1130 - CONVERSION KITS, NUCLEAR ORDNANCE		Other Services								
1135 - FUZING AND FIRING DEVICES, NUCLEAR ORDNANCE										
1140 - NUCLEAR COMPONENTS										
1145 - EXPLOSIVE AND PYROTECHNIC COMPONENTS, NUCLEAR ORDNANCE										
1190 - SPECIALIZED TEST AND HANDLING EQUIPMENT, NUCLEAR ORDNANCE										
1195 - MISCELLANEOUS NUCLEAR ORDNANCE										
12 - Fire Control Equipment										
1210 - FIRE CONTROL DIRECTORS										
1220 - FIRE CONTROL COMPUTING SIGHTS AND DEVICES										
1230 - FIRE CONTROL SYSTEMS, COMPLETE										
1240 - OPTICAL SIGHTING AND RANGING EQUIPMENT										
1250 - FIRE CONTROL STABILIZING MECHANISMS										
1260 - FIRE CONTROL DESIGNATING AND INDICATING EQUIPMENT										
1265 - FIRE CONTROL TRANSMITTING AND RECEIVING EQUIPMENT, EXCEPT AIRBORNE										
1270 - AIRCRAFT GUNNERY FIRE CONTROL COMPONENTS										
1280 - AIRCRAFT BOMBING FIRE CONTROL COMPONENTS										
1285 - FIRE CONTROL RADAR EQUIPMENT, EXCEPT AIRBORNE										
1287 - FIRE CONTROL SONAR EQUIPMENT										
1290 - MISCELLANEOUS FIRE CONTROL EQUIPMENT										
13 - Ammunitions and Explosives										
1305 - AMMUNITION, THROUGH 30MM										
1310 - AMMUNITION, OVER 30MM UP TO 75MM										
1315 - AMMUNITION, 75MM THROUGH 125MM										
1320 - AMMUNITION, OVER 125MM										
1325 - BOMBS	Currently Manufacture									
1330 - GRENADES										
1336 - GUIDED MISSILE WARHEADS AND EXPLOSIVE COMPONENTS										
1337 - GUIDED MISSILE AND SPACE VEHICLE EXPLOSIVE PROPULSION UNITS, SOLID FUEL, AND COMPONENTS										
1338 - GUIDED MISSILE AND SPACE VEHICLE INERT PROPULSION UNITS, SOLID FUEL, AND COMPONENTS										
1340 - ROCKETS, ROCKET AMMUNITION AND ROCKET COMPONENTS										
1345 - LAND MINES										
1346 - REMOTE MUNITIONS										
1350 - UNDERWATER MINE AND COMPONENTS, INERT										
1351 - UNDERWATER MINES AND COMPONENTS, EXPLOSIVE										
1352 - UNDERWATER MINE DISPOSAL INERT DEVICE										
1353 - UNDERWATER MINE DISPOSAL EXPLOSIVE DEVICES										
1355 - TORPEDOS AND COMPONENTS, INERT										
1356 - TORPEDOS AND COMPONENTS, EXPLOSIVE										
1360 - DEPTH CHARGES AND COMPONENTS, INERT										
1361 - DEPTH CHARGES AND COMPONENTS, EXPLOSIVE										
1365 - MILITARY CHEMICAL AGENTS										
1367 - TACTICAL SETS, KITS, AND OUTFITS										
1370 - PYROTECHNICS										
1375 - DEMOLITION MATERIALS										
1376 - BULK EXPLOSIVES										
1377 - CARTRIDGE AND PROPELLANT ACTUATED DEVICES AND COMPONENTS										
1385 - SURFACE USE EXPLOSIVE ORDNANCE DISPOSAL TOOLS AND EQUIPMENT										
1386 - UNDERWATER USE EXPLOSIVE ORDNANCE DISPOSAL AND SWIMMER WEAPONS SYSTEMS TOOLS AND EQUIPMENT										
1390 - FUZES AND PRIMERS										
1395 - MISCELLANEOUS AMMUNITION										
1398 - SPECIALIZED AMMUNITION HANDLING AND SERVICING EQUIPMENT										
14 - Guided Missiles										
1410 - GUIDED MISSILES										
1420 - GUIDED MISSILE COMPONENTS										
1425 - GUIDED MISSILE SYSTEMS, COMPLETE										
1427 - GUIDED MISSILE SUBSYSTEMS										
1430 - GUIDED MISSILE REMOTE CONTROL SYSTEMS										
1440 - LAUNCHERS, GUIDED MISSILE										
1450 - GUIDED MISSILE HANDLING AND SERVICING EQUIPMENT										
Comments:										

Section 2c: FSGs 15 - 26: Aircraft and Airframe Structural Components; Aircraft Components and Accessories; Aircraft Launching/Landing/Ground Handling Equip; Ships, Small Craft, Pontoons, and Floating Docks; Ship and Marine Equipment; Railway Equip, Ground Vehicles, Motor Vehicles, Trailers, Cycles, Tractors; Vehicular Equipment Components; Tires and Tubes

For each Federal Supply Class (FSC) in which your location has capabilities (defined for this survey as having the ability to provide the product or service within 12 months in typical business conditions), indicate the type of general capabilities and whether your location has provided this item to the USG/Air Force in the last four years. Then, provide a description of the products provided, and indicate whether your location carries out research & development (R&D) for these products. If the product contains any of the 35 federally designated critical mineral (see definitions for full listing), identify the primary such mineral (based on estimated level of criticality to the product). For each FSC line, provide your location's primary part number, and National Item Identification Numbers (NIINs), if known.

Do not disclose any classified information in this survey form.

	Product Capability	Service Capability	Support of Air Force	Support of Other USG Agency	Product Description	R&D	Primary Critical Mineral	Primary Part Number	Primary NIIN	Other NIINs (comma-delimited)
15 - Aircraft and Airframe Structural Components										
1510 - AIRCRAFT, FIXED WING										
1520 - AIRCRAFT, ROTARY WING										
1540 - GLIDERS										
1550 - UNMANNED AIRCRAFT										
1555 - SPACE VEHICLES										
1560 - AIRFRAME STRUCTURAL COMPONENTS										
16 - Aircraft Components and Accessories										
1610 - AIRCRAFT PROPELLERS AND COMPONENTS										
1615 - HELICOPTER ROTOR BLADES, DRIVE MECHANISMS AND COMPONENTS										
1620 - AIRCRAFT LANDING GEAR COMPONENTS										
1630 - AIRCRAFT WHEEL AND BRAKE SYSTEMS										
1640 - AIRCRAFT CONTROL CABLE PRODUCTS										
1650 - AIRCRAFT HYDRAULIC, VACUUM, AND DE-ICING SYSTEM COMPONENTS										
1660 - AIRCRAFT AIR CONDITIONING, HEATING, AND PRESSURIZING EQUIPMENT										
1670 - PARACHUTES, AERIAL PICK UP, DELIVERY, RECOVERY SYSTEMS, AND CARGO TIE DOWN EQUIPMENT										
1675 - SPACE VEHICLE COMPONENTS										
1677 - SPACE VEHICLE REMOTE CONTROL SYSTEMS										
1680 - MISCELLANEOUS AIRCRAFT ACCESSORIES AND COMPONENTS										
17 - Aircraft Launching/Landing/Ground Handling Equip.										
1710 - AIRCRAFT LANDING EQUIPMENT										
1720 - AIRCRAFT LAUNCHING EQUIPMENT										
1725 - SPACE VEHICLE LAUNCHERS										
1730 - AIRCRAFT GROUND SERVICING EQUIPMENT										
1735 - SPACE VEHICLE HANDLING AND SERVICING EQUIPMENT										
1740 - AIRFIELD SPECIALIZED TRUCKS AND TRAILERS										
19 - Ships, Small Craft, Pontoons, and Floating Docks										
1905 - COMBAT SHIPS AND LANDING VESSELS										
1910 - TRANSPORT VESSELS, PASSENGER AND TROOP										
1910 - TRANSPORT VESSELS, PASSENGER AND TROOP										
1915 - CARGO AND TANKER VESSELS										
1920 - FISHING VESSELS										
1925 - SPECIAL SERVICE VESSELS										
1930 - BARGES AND LIGHTERS, CARGO										
1935 - BARGES AND LIGHTERS, SPECIAL PURPOSE										
1940 - SMALL CRAFT										
1945 - PONTOONS AND FLOATING DOCKS										
1950 - FLOATING DRYDOCKS										
1955 - DREDGES										
1990 - MISCELLANEOUS VESSELS										
20 - Ship and Marine Equipment										
2010 - SHIP AND BOAT PROPULSION COMPONENTS										
2020 - RIGGING AND RIGGING GEAR										
2030 - DECK MACHINERY										
2040 - MARINE HARDWARE AND HULL ITEMS										
2050 - BUOYS										
2060 - COMMERCIAL FISHING EQUIPMENT										
2090 - MISCELLANEOUS SHIP AND MARINE EQUIPMENT										
22 - Railway Equipment										
2210 - LOCOMOTIVES										
2220 - RAIL CARS										
2230 - RIGHT-OF-WAY CONSTRUCTION AND MAINTENANCE EQUIPMENT, RAILROAD										
2240 - LOCOMOTIVE AND RAIL CAR ACCESSORIES AND COMPONENTS										
2250 - TRACK MATERIAL, RAILROAD										
23 - Ground Vehicles, Motor Vehicles, Trailers, Cycles										
2305 - GROUND EFFECT VEHICLES										
2310 - PASSENGER MOTOR VEHICLES										
2320 - TRUCKS AND TRUCK TRACTORS, WHEELED										
2330 - TRAILERS										
2340 - MOTORCYCLES, MOTOR SCOOTERS, AND BICYCLES										
2350 - COMBAT, ASSAULT, AND TACTICAL VEHICLES, TRACKED										
2355 - COMBAT, ASSAULT, AND TACTICAL VEHICLES, WHEELED										
24 - Tractors										
2410 - TRACTOR, FULL TRACKED, LOW SPEED										
2420 - TRACTORS, WHEELED										
2430 - TRACTORS, FULL TRACKED, HIGH SPEED										
25 - Vehicular Equipment Components										
2510 - VEHICULAR CAB, BODY, AND FRAME STRUCTURAL COMPONENTS										
2520 - VEHICULAR POWER TRANSMISSION COMPONENTS										
2530 - VEHICULAR BRAKE, STEERING, AXLE, WHEEL, AND TRACK COMPONENTS										
2540 - VEHICULAR FURNITURE AND ACCESSORIES										
2541 - WEAPONS SYSTEMS SPECIFIC VEHICULAR ACCESSORIES										
2590 - MISCELLANEOUS VEHICULAR COMPONENTS										
26 - Tires and Tubes										
2610 - TIRES AND TUBES, PNEUMATIC, EXCEPT AIRCRAFT										
2620 - TIRES AND TUBES, PNEUMATIC, AIRCRAFT										
2630 - TIRES, SOLID AND CUSHION										
2640 - TIRE REBUILDING AND TIRE AND TUBE REPAIR MATERIALS										
Comments:										

Section 3d: FSGs 28 - 35: Engines, Turbines, and Components; Engine Accessories; Mechanical Power Transmission Equipment; Bearings; Woodworking Machinery and Equipment; Metalworking Machinery; Service and Trade Equipment

For each Federal Supply Class (FSC) in which your location has capabilities (defined for this survey as having the ability to provide the product or service within 12 months in typical business conditions), indicate the type of general capabilities and whether your location has provided this item to the USG/Air Force in the last four years. Then, provide a description of the products provided, and indicate whether your location carries out research & development (R&D) for these products. If the product contains any of the 35 federally designated critical mineral (see definitions for full listing), identify the primary such mineral (based on estimated level of criticality to the product). For each FSC line, provide your location's primary part number, and National Item Identification Numbers (NIINs), if known.

Do not disclose any classified information in this survey form.

	Product Capability	Service Capability	Support of Air Force	Support of Other USG Agency	Product Description	R&D	Primary Critical Mineral	Primary Part Number	Primary NIIN	Other NIINs (comma-delimited)
28 - Engines, Turbines, and Components										
2805 - GASOLINE RECIPROCATING ENGINES, EXCEPT AIRCRAFT, AND COMPONENTS										
2810 - GASOLINE RECIPROCATING ENGINES, AIRCRAFT PRIME MOVER, AND COMPONENTS										
2815 - DIESEL ENGINES AND COMPONENTS										
2820 - STEAM ENGINES, RECIPROCATING, AND COMPONENTS										
2825 - STEAM TURBINES AND COMPONENTS										
2830 - WATER TURBINES AND WATER WHEELS, AND COMPONENTS										
2835 - GAS TURBINES AND JET ENGINES, NON-AIRCRAFT PRIME MOVER, AIRCRAFT NON-PRIME MOVER, AND COMPONENTS										
2840 - GAS TURBINES AND JET ENGINES, AIRCRAFT, PRIME MOVING, AND COMPONENTS										
2845 - ROCKET ENGINES AND COMPONENTS										
2850 - GASOLINE ROTARY ENGINES AND COMPONENTS										
2895 - MISCELLANEOUS ENGINES AND COMPONENTS										
29 - Engine Accessories										
2910 - ENGINE FUEL SYSTEM COMPONENTS, NON-AIRCRAFT										
2915 - ENGINE FUEL SYSTEM COMPONENTS, AIRCRAFT AND MISSILE PRIME MOVERS										
2920 - ENGINE ELECTRICAL SYSTEM COMPONENTS, NON-AIRCRAFT										
2925 - ENGINE ELECTRICAL SYSTEM COMPONENTS, AIRCRAFT PRIME MOVING										
2930 - ENGINE COOLING SYSTEM COMPONENTS, NON-AIRCRAFT										
2935 - ENGINE SYSTEM COOLING COMPONENTS, AIRCRAFT PRIME MOVING										
2940 - ENGINE AIR AND OIL FILTERS, STRAINERS, AND CLEANERS, NON-AIRCRAFT										
2945 - ENGINE AIR AND OIL FILTERS, CLEANERS, AIRCRAFT PRIME MOVING										
2950 - TURBOSUPERCHARGER AND COMPONENTS										
2990 - MISCELLANEOUS ENGINE ACCESSORIES, NON-AIRCRAFT										
2995 - MISCELLANEOUS ENGINE ACCESSORIES, AIRCRAFT										
30 - Mechanical Power Transmission Equipment										
3010 - TORQUE CONVERTERS AND SPEED CHANGERS										
3020 - GEARS, PULLEYS, SPROCKETS, AND TRANSMISSION CHAIN										
3030 - BELTING, DRIVE BELTS, FAN BELTS, AND ACCESSORIES										
3040 - MISCELLANEOUS POWER TRANSMISSION EQUIPMENT										
31 - Bearings										
3110 - BEARINGS, ANTI-FRICTION, UNMOUNTED										
3120 - BEARINGS, PLAIN, UNMOUNTED										
3130 - BEARINGS, MOUNTED										
32 - Woodworking Machinery and Equipment										
3210 - SAWMILL AND PLANING MILL MACHINERY										
3220 - WOODWORKING MACHINES										
3230 - TOOLS AND ATTACHMENTS FOR WOODWORKING MACHINERY										
34 - Metalworking Machinery										
3408 - MACHINING CENTERS AND WAY-TYPE MACHINES										
3410 - ELECTRICAL AND ULTRASONIC EROSION MACHINES										
3411 - BORING MACHINES										
3412 - BROACHING MACHINES										
3413 - DRILLING AND TAPPING MACHINES										
3414 - GEAR CUTTING AND FINISHING MACHINES										
3415 - GRINDING MACHINES										
3416 - LATHES										
3417 - MILLING MACHINES										
3418 - PLANERS AND SHAPERS										
3419 - MISCELLANEOUS MACHINE TOOLS										
3422 - ROLLING MILLS AND DRAWING MACHINES										
3424 - METAL HEAT TREATING AND NON-THERMAL TREATING EQUIPMENT										
3426 - METAL FINISHING EQUIPMENT										
3431 - ELECTRIC ARC WELDING EQUIPMENT										
3432 - ELECTRIC RESISTANCE WELDING EQUIPMENT										
3433 - GAS WELDING, HEAT CUTTING, AND METALIZING EQUIPMENT										
3436 - WELDING POSITIONERS AND MANIPULATORS										
3438 - MISCELLANEOUS WELDING EQUIPMENT										
3439 - MISCELLANEOUS WELDING, SOLDERING, AND BRAZING SUPPLIES AND ACCESSORIES										
3441 - BENDING AND FORMING MACHINES										
3442 - HYDRAULIC AND PNEUMATIC PRESSES, POWER DRIVEN										
3443 - MECHANICAL PRESSES, POWER DRIVEN										
3444 - MANUAL PRESSES										
3445 - PUNCHING AND SHEARING MACHINES										
3446 - FORGING MACHINERY AND HAMMERS										
3447 - WIRE AND METAL RIBBON FORMING MACHINES										
3448 - RIVETING MACHINES										
3449 - MISCELLANEOUS SECONDARY METAL FORMING AND CUTTING MACHINES										
3450 - MACHINE TOOLS, PORTABLE										
3455 - CUTTING TOOLS FOR MACHINE TOOLS										
3456 - CUTTING AND FORMING TOOLS FOR SECONDARY METALWORKING MACHINERY										
3460 - MACHINE TOOL ACCESSORIES										
3461 - ACCESSORIES FOR SECONDARY METALWORKING MACHINERY										
3465 - PRODUCTION JIGS, FIXTURES, AND TEMPLATES										
3470 - MACHINE SHOP SETS, KITS, AND OUTFITS										
35 - Service and Trade Equipment										
3510 - LAUNDRY AND DRY CLEANING EQUIPMENT										
3520 - SHOE REPAIRING EQUIPMENT										
3530 - INDUSTRIAL SEWING MACHINES AND MOBILE TEXTILE REPAIR SHOPS										
3540 - WRAPPING AND PACKAGING MACHINERY										
3550 - VENDING AND COIN OPERATED MACHINES										
3590 - MISCELLANEOUS SERVICE AND TRADE EQUIPMENT										
Comments:										

Section 3e: FSGs 36 - 46: Special Industry Machinery; Agricultural Machinery and Equipment; Construction, Mining, Excavating, Highway Maintenance; Materials Handling Equipment; Rope, Cable, Chain, and Fittings; Refrigeration, Air Conditioning Equip., Fire Fighting, Rescue, and Safety Equipment; Pumps and Compressors; Furnace/Steam Plant/Drying Equip; Nuclear Reactors; Plumbing, Heating, and Sanitation Equipment; Water Purification and Sewage Treatment Equipment

For each Federal Supply Class (FSC) in which your location has capabilities (defined for this survey as having the ability to provide the product or service within 12 months in typical business conditions); indicate the type of general capabilities and whether your location has provided this item to the USG/Air Force in the last four years. Then, provide a description of the products provided, and indicate whether your location carries out research & development (R&D) for these products. If the product contains any of the 35 federally designated critical mineral (see definitions for full listing), identify the primary such mineral (based on estimated level of criticality to the product). For each FSC line, provide your location's primary part number, and National Item Identification Numbers (NIINs), if known.

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FSC	Product Capability	Service Capability	Support of Air Force	Support of Other USG Agency	Product Description	R&D	Primary Critical Mineral	Primary Part Number	Primary NIIN	Other NIINs (comma-delimited)
36 - Special Industry Machinery										
3605 - FOOD PRODUCTS MACHINERY AND EQUIPMENT										
3610 - PRINTING, DUPLICATING, AND BOOKBINDING EQUIPMENT										
3611 - INDUSTRIAL MARKING MACHINES										
3615 - PULP AND PAPER INDUSTRIES MACHINERY										
3620 - RUBBER AND PLASTICS WORKING MACHINERY										
3625 - TEXTILE INDUSTRIES MACHINERY										
3630 - CLAY AND CONCRETE PRODUCTS INDUSTRIES MACHINERY										
3635 - CRYSTAL AND GLASS INDUSTRIES MACHINERY										
3640 - TOBACCO MANUFACTURING MACHINERY										
3645 - LEATHER TANNING AND LEATHER WORKING INDUSTRIES MACHINERY										
3650 - CHEMICAL AND PHARMACEUTICAL PRODUCTS MANUFACTURING MACHINERY										
3655 - GAS GENERATING AND DISPENSING SYSTEMS, FIXED OR MOBILE										
3660 - INDUSTRIAL SIZE REDUCTION MACHINERY										
3670 - SPECIALIZED SEMICONDUCTOR, MICROCIRCUIT, AND PRINTED CIRCUIT BOARD MANUFACTURING MACHINERY										
3680 - FOUNDRY MACHINERY, RELATED EQUIPMENT AND SUPPLIES										
3685 - SPECIALIZED METAL CONTAINER MANUFACTURING MACHINERY AND RELATED EQUIPMENT										
3690 - SPECIALIZED AMMUNITION AND ORDNANCE MACHINERY AND RELATED EQUIPMENT										
3693 - INDUSTRIAL ASSEMBLY MACHINES										
3694 - CLEAN WORK STATIONS, CONTROLLED ENVIRONMENT, AND RELATED EQUIPMENT										
3695 - MISCELLANEOUS SPECIAL INDUSTRY MACHINERY										
37 - Agricultural Machinery and Equipment										
3710 - SOIL PREPARATION EQUIPMENT										
3720 - HARVESTING EQUIPMENT										
3730 - DAIRY, POULTRY, AND LIVESTOCK EQUIPMENT										
3740 - PEST, DISEASE, AND FROST CONTROL EQUIPMENT										
3750 - GARDENING IMPLEMENTS AND TOOLS										
3770 - SADDLERY, HARNESS, WHIPS, AND RELATED ANIMAL FURNISHINGS										
38 - Construction, Mining, Excavating, Highway Maint.										
3805 - EARTH MOVING AND EXCAVATING EQUIPMENT										
3810 - CRANES AND CRANE-SHOVELS										
3815 - CRANE AND CRANE-SHOVEL ATTACHMENTS										
3820 - MINING, ROCK DRILLING, EARTH BORING, AND RELATED EQUIPMENT										
3825 - ROAD CLEARING, CLEANING, AND MARKING EQUIPMENT										
3830 - TRUCK AND TRACTOR ATTACHMENTS										
3835 - PETROLEUM PRODUCTION AND DISTRIBUTION EQUIPMENT										
3895 - MISCELLANEOUS CONSTRUCTION EQUIPMENT										
39 - Materials Handling Equipment										
3910 - CONVEYORS										
3915 - MATERIALS FEEDERS										
3920 - MATERIAL HANDLING EQUIPMENT, NONSELF-PROPELLED										
3930 - WAREHOUSE TRUCKS AND TRACTORS, SELF-PROPELLED										
3940 - BLOCKS, TACKLE, RIGGING, AND SLINGS										
3950 - WINCHES, HOISTS, CRANES, AND DERRICKS										
3960 - FREIGHT ELEVATORS										
3990 - MISCELLANEOUS MATERIALS HANDLING EQUIPMENT										
40 - Rope, Cable, Chain, and Fittings										
4010 - CHAIN AND WIRE ROPE										
4020 - FIBER ROPE, CORDAGE, AND TWINE										
4030 - FITTINGS FOR ROPE, CABLE, AND CHAIN										
41 - Refrigeration, Air Conditioning Equip.										
4110 - REFRIGERATION EQUIPMENT										
4120 - AIR CONDITIONING EQUIPMENT										
4130 - REFRIGERATION AND AIR CONDITIONING COMPONENTS										
4140 - FANS, AIR CIRCULATORS, AND BLOWER EQUIPMENT										
4150 - VORTEX TUBES AND OTHER RELATED COOLING TUBES										
42 - Fire Fighting, Rescue, and Safety Equipment										
4210 - FIRE FIGHTING EQUIPMENT										
4220 - MARINE LIFESAIVING AND DIVING EQUIPMENT										
4230 - DECONTAMINATING AND IMPREGNATING EQUIPMENT										
4235 - HAZARDOUS MATERIAL SPILL CONTAINMENT AND CLEAN-UP EQUIPMENT AND MATERIAL										
4240 - SAFETY AND RESCUE EQUIPMENT										
4250 - RECYCLING AND RECLAMATION EQUIPMENT										
43 - Pumps and Compressors										
4310 - COMPRESSORS AND VACUUM PUMPS										
4320 - POWER AND HAND PUMPS										
4330 - CENTRIFUGALS, SEPARATORS, AND PRESSURE AND VACUUM FILTERS										
44 - Furnace/Steam Plant/Drying Equip, Nuclear Reactors										
4410 - INDUSTRIAL BOILERS										
4420 - HEAT EXCHANGERS AND STEAM CONDENSERS										
4430 - INDUSTRIAL FURNACES, KILNS, LEHRs, AND OVENS										
4440 - DRIERS, DEHYDRATORS, AND ANHYDRATORS										
4460 - AIR PURIFICATION EQUIPMENT										
4470 - NUCLEAR REACTORS										
45 - Plumbing, Heating, and Sanitation Equipment										
4510 - PLUMBING FIXTURES AND ACCESSORIES										
4520 - SPACE AND WATER HEATING EQUIPMENT										
4530 - FUEL BURNING EQUIPMENT UNITS										
4540 - WASTE DISPOSAL EQUIPMENT										
46 - Water Purification and Sewage Treatment Equipment										
4610 - WATER PURIFICATION EQUIPMENT										
4620 - WATER DISTILLATION EQUIPMENT, MARINE AND INDUSTRIAL										
4630 - SEWAGE TREATMENT EQUIPMENT										
Comments:										

Section 3f: FSGs 47 - 56: Pipe, Tubing, Hose, Fittings; Valves; Maintenance and Repair Shop Equipment; Hand Tools; Measuring Tools; Hardware and Abrasives; Prefabricated Structures and Scaffolding; Lumber, Millwork, Plywood, and Veneer; Construction and Building Materials

For each Federal Supply Class (FSC) in which your location has capabilities (defined for this survey as having the ability to provide the product or service within 12 months in typical business conditions), indicate the type of general capabilities and whether your location has provided this item to the USG/Air Force in the last four years. Then, provide a description of the products provided, and indicate whether your location carries out research & development (R&D) for these products. If the product contains any of the 35 federally designated critical mineral (see definitions for full listing), identify the primary such mineral (based on estimated level of criticality to the product). For each FSC line, provide your location's primary part number, and National Item Identification Numbers (NIINs), if known.

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FSC	Product Capability	Service Capability	Support of Air Force	Support of Other USG Agency	Product Description	R&D	Primary Critical Mineral	Primary Part Number	Primary NIIN	Other NIINs (comma-delimited)
47 - Pipe, Tubing, Hose, Fittings										
4710 - PIPE, TUBE AND RIGID TUBING										
4720 - HOSE AND FLEXIBLE TUBING										
4730 - HOSE, PIPE, TUBE, LUBRICATION, AND RAILING FITTINGS										
48 - Valves										
4810 - VALVES, POWERED										
4820 - VALVES, NONPOWERED										
49 - Maintenance and Repair Shop Equipment										
4910 - MOTOR VEHICLE MAINTENANCE AND REPAIR SHOP SPECIALIZED EQUIPMENT										
4920 - AIRCRAFT MAINTENANCE AND REPAIR SHOP SPECIALIZED EQUIPMENT										
4921 - TORPEDO MAINTENANCE, REPAIR, AND CHECKOUT SPECIALIZED EQUIPMENT										
4923 - DEPTH CHARGES AND UNDERWATER MINES MAINTENANCE, REPAIR, AND CHECKOUT SPECIALIZED EQUIPMENT										
4925 - AMMUNITION MAINTENANCE, REPAIR, AND CHECKOUT SPECIALIZED EQUIPMENT										
4927 - ROCKET MAINTENANCE, REPAIR AND CHECKOUT SPECIALIZED EQUIPMENT										
4930 - LUBRICATION AND FUEL DISPENSING EQUIPMENT										
4931 - FIRE CONTROL MAINTENANCE AND REPAIR SHOP SPECIALIZED EQUIPMENT										
4933 - WEAPONS MAINTENANCE AND REPAIR SHOP SPECIALIZED EQUIPMENT										
4935 - GUIDED MISSILE MAINTENANCE, REPAIR, AND CHECKOUT SPECIALIZED EQUIPMENT										
4940 - MISCELLANEOUS MAINTENANCE AND REPAIR SHOP SPECIALIZED EQUIPMENT										
4960 - SPACE VEHICLE MAINTENANCE, REPAIR, AND CHECKOUT SPECIALIZED EQUIPMENT										
4970 - MULTIPLE GUIDED WEAPONS, SPECIALIZED MAINTENANCE AND REPAIR SHOP EQUIPMENT										
51 - Hand Tools										
5110 - HAND TOOLS, EDGED, NONPOWERED										
5120 - HAND TOOLS, NONEDGED, NONPOWERED										
5130 - HAND TOOLS, POWER DRIVEN										
5133 - DRILL BITS, COUNTERBORES, AND COUNTERSINKS: HAND AND MACHINE										
5136 - TAPS, DIES, AND COLLETS; HAND AND MACHINE										
5140 - TOOL AND HARDWARE BOXES										
5180 - SETS, KITS, AND OUTFITS OF HAND TOOLS										
52 - Measuring Tools										
5210 - MEASURING TOOLS, CRAFTSMEN'										
5220 - INSPECTION GAGES AND PRECISION LAYOUT TOOLS										
5280 - SETS, KITS, AND OUTFITS OF MEASURING TOOLS										
53 - Hardware and Abrasives										
5305 - SCREWS										
5306 - BOLTS										
5307 - STUDS										
5310 - NUTS AND WASHERS										
5315 - NAILS, MACHINE KEYS, AND PINS										
5320 - RIVETS										
5325 - FASTENING DEVICES										
5330 - PACKING AND GASKET MATERIALS										
5331 - O-RING										
5335 - METAL SCREENING										
5340 - HARDWARE, COMMERCIAL										
5341 - BRACKETS										
5342 - HARDWARE, WEAPON SYSTEM										
5345 - DISKS AND STONES, ABRASIVE										
5350 - ABRASIVE MATERIALS										
5355 - KNOBS AND POINTERS										
5360 - COIL, FLAT, LEAF, AND WIRE SPRINGS										
5365 - BUSHINGS, RINGS, SHIMS, AND SPACERS										
54 - Prefabricated Structures and Scaffolding										
5410 - PREFABRICATED AND PORTABLE BUILDINGS										
5411 - RIGID WALL SHELTERS										
5419 - COLLECTIVE MODULAR SUPPORT SYSTEM										
5420 - BRIDGES, FIXED AND FLOATING										
5430 - STORAGE TANKS										
5440 - SCAFFOLDING EQUIPMENT AND CONCRETE FORMS										
5445 - PREFABRICATED TOWER STRUCTURES										
5450 - MISCELLANEOUS PREFABRICATED STRUCTURES										
55 - Lumber, Millwork, Plywood, and Veneer										
5510 - LUMBER AND RELATED BASIC WOOD MATERIALS										
5520 - MILLWORK										
5530 - PLYWOOD AND VENEER										
56 - Construction and Building Materials										
5610 - MINERAL CONSTRUCTION MATERIALS, BULK										
5620 - TILE, BRICK AND BLOCK										
5630 - PIPE AND CONDUIT, NONMETALLIC										
5640 - WALLBOARD, BUILDING PAPER, AND THERMAL INSULATION MATERIALS										
5650 - ROOFING AND SIDING MATERIALS										
5660 - FENCING, FENCES, GATES AND COMPONENTS										
5670 - BUILDING COMPONENTS, PREFABRICATED										
5675 - NONWOOD CONSTRUCTION LUMBER AND RELATED MATERIALS										
5680 - MISCELLANEOUS CONSTRUCTION MATERIALS										

Comments:

Section 3g: FSGs 58 - 62: Communications, Detection and Coherent Radiation; Electrical and Electronic Equipment Components; Fiber Optics Materials and Components; Electric Wire, and Power and Distribution Equipment; Lighting Fixtures and Lamps

For each Federal Supply Class (FSC) in which your location has capabilities (defined for this survey as having the ability to provide the product or service within 12 months in typical business conditions), indicate the type of general capabilities and whether your location has provided this item to the USG/Air Force in the last four years. Then, provide a description of the products provided, and indicate whether your location carries out research & development (R&D) for these products. If the product contains any of the 35 federally designated critical mineral (see definitions for full listing), identify the primary such mineral (based on estimated level of criticality to the product). For each FSC line, provide your location's primary part number, and National Item Identification Numbers (NIINs), if known.

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58 - Communications, Detection and Coherent Radiation	Product Capability	Service Capability	Support of Air Force	Support of Other USG Agency	Product Description	R&D	Primary Critical Mineral	Primary Part Number	Primary NIIN	Other NIINs (comma-delimited)
5805 - TELEPHONE AND TELEGRAPH EQUIPMENT										
5810 - COMMUNICATIONS SECURITY EQUIPMENT AND COMPONENTS										
5811 - OTHER CRYPTOLOGIC EQUIPMENT AND COMPONENTS										
5815 - TELETYPE AND FACSIMILE EQUIPMENT										
5820 - RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE										
5821 - RADIO AND TELEVISION COMMUNICATION EQUIPMENT, AIRBORNE										
5825 - RADIO NAVIGATION EQUIPMENT, EXCEPT AIRBORNE										
5826 - RADIO NAVIGATION EQUIPMENT, AIRBORNE										
5830 - INTERCOMMUNICATION AND PUBLIC ADDRESS SYSTEMS, EXCEPT AIRBORNE										
5831 - INTERCOMMUNICATION AND PUBLIC ADDRESS SYSTEMS, AIRBORNE										
5835 - SOUND RECORDING AND REPRODUCING EQUIPMENT										
5836 - VIDEO RECORDING AND REPRODUCING EQUIPMENT										
5840 - RADAR EQUIPMENT, EXCEPT AIRBORNE										
5841 - RADAR EQUIPMENT, AIRBORNE										
5845 - UNDERWATER SOUND EQUIPMENT										
5850 - VISIBLE AND INVISIBLE LIGHT COMMUNICATION EQUIPMENT										
5855 - NIGHT VISION EQUIPMENT, EMITTED AND REFLECTED RADIATION										
5860 - STIMULATED COHERENT RADIATION DEVICES, COMPONENTS, AND ACCESSORIES										
5865 - ELECTRONIC COUNTERMEASURES, COUNTER-COUNTERMEASURES AND QUICK REACTION CAPABILITY EQUIPMENT										
5895 - MISCELLANEOUS COMMUNICATION EQUIPMENT										
59 - Electrical and Electronic Equipment Components	Product Capability	Service Capability	Support of Air Force	Support of Other USG Agency	Product Description	R&D	Primary Critical Mineral	Primary Part Number	Primary NIIN	Other NIINs (comma-delimited)
5905 - RESISTORS										
5910 - CAPACITORS										
5915 - FILTERS AND NETWORKS										
5920 - FUSES, ARRESTORS, ABSORBERS, AND PROTECTORS										
5925 - CIRCUIT BREAKERS										
5930 - SWITCHES										
5935 - CONNECTORS, ELECTRICAL										
5940 - LUGS, TERMINALS, AND TERMINAL STRIPS										
5945 - RELAYS AND SOLENOIDS										
5950 - COILS AND TRANSFORMERS										
5955 - OSCILLATORS AND PIEZOELECTRIC CRYSTALS										
5960 - ELECTRON TUBES AND ASSOCIATED HARDWARE										
5961 - SEMICONDUCTOR DEVICES AND ASSOCIATED HARDWARE										
5962 - MICROCIRCUITS, ELECTRONIC										
5963 - ELECTRONIC MODULES										
5965 - HEADSETS, HANDSETS, MICROPHONES AND SPEAKERS										
5970 - ELECTRICAL INSULATORS AND INSULATING MATERIALS										
5975 - ELECTRICAL HARDWARE AND SUPPLIES										
5977 - ELECTRICAL CONTACT BRUSHES AND ELECTRODES										
5980 - OPTOELECTRONIC DEVICES AND ASSOCIATED HARDWARE										
5985 - ANTENNAS, WAVEGUIDES, AND RELATED EQUIPMENT										
5990 - SYNCHROS AND RESOLVERS										
5995 - CABLE, CORD, AND WIRE ASSEMBLIES: COMMUNICATION EQUIPMENT										
5996 - AMPLIFIERS										
5998 - ELECTRICAL AND ELECTRONIC ASSEMBLIES, BOARDS, CARDS, AND ASSOCIATED HARDWARE										
5999 - MISCELLANEOUS ELECTRICAL AND ELECTRONIC COMPONENTS										
60 - Fiber Optics Materials and Components	Product Capability	Service Capability	Support of Air Force	Support of Other USG Agency	Product Description	R&D	Primary Critical Mineral	Primary Part Number	Primary NIIN	Other NIINs (comma-delimited)
6010 - FIBER OPTIC CONDUCTORS										
6015 - FIBER OPTIC CABLES										
6020 - FIBER OPTIC CABLE ASSEMBLIES AND HARNESSSES										
6021 - FIBER OPTIC SWITCHES										
6030 - FIBER OPTIC DEVICES										
6032 - FIBER OPTIC LIGHT SOURCES AND PHOTO DETECTORS										
6035 - FIBER OPTIC LIGHT TRANSFER AND IMAGE TRANSFER DEVICES										
6060 - FIBER OPTIC INTERCONNECTORS										
6070 - FIBER OPTIC ACCESSORIES AND SUPPLIES										
6080 - FIBER OPTIC KITS AND SETS										
6099 - MISCELLANEOUS FIBER OPTIC COMPONENTS										
61 - Electric Wire, and Power and Distribution Equipment	Product Capability	Service Capability	Support of Air Force	Support of Other USG Agency	Product Description	R&D	Primary Critical Mineral	Primary Part Number	Primary NIIN	Other NIINs (comma-delimited)
6105 - MOTORS, ELECTRICAL										
6110 - ELECTRICAL CONTROL EQUIPMENT										
6115 - GENERATORS AND GENERATOR SETS, ELECTRICAL										
6116 - FUEL CELL POWER UNITS, COMPONENTS, AND ACCESSORIES										
6117 - SOLAR ELECTRIC POWER SYSTEMS										
6120 - TRANSFORMERS: DISTRIBUTION AND POWER STATION										
6125 - CONVERTERS, ELECTRICAL, ROTATING										
6130 - CONVERTERS, ELECTRICAL, NONROTATING										
6135 - BATTERIES, NONRECHARGEABLE										
6140 - BATTERIES, RECHARGEABLE										
6145 - WIRE AND CABLE, ELECTRICAL										
6150 - MISCELLANEOUS ELECTRIC POWER AND DISTRIBUTION EQUIPMENT										
6160 - MISCELLANEOUS BATTERY RETAINING FIXTURES, LINERS AND ANCILLARY ITEMS										
62 - Lighting Fixtures and Lamps	Product Capability	Service Capability	Support of Air Force	Support of Other USG Agency	Product Description	R&D	Primary Critical Mineral	Primary Part Number	Primary NIIN	Other NIINs (comma-delimited)
6210 - INDOOR AND OUTDOOR ELECTRIC LIGHTING FIXTURES										
6220 - ELECTRIC VEHICULAR LIGHTS AND FIXTURES										
6230 - ELECTRIC PORTABLE AND HAND LIGHTING EQUIPMENT										
6240 - ELECTRIC LAMPS										
6250 - BALLASTS, LAMPHOLDERS, AND STARTERS										
6260 - NONELECTRICAL LIGHTING FIXTURES										
Comments:										

Section 3h: FSGs 63 - 72: Alarm, Signal, and Detection Systems; Medical, Dental, and Veterinary Equipment; Instruments and Laboratory Equipment; Photographic Equipment; Chemicals and Chemical Products; Training Aids and Devices; ADP Equipment Software, Supplies, Equipment ; Furniture; Household/Commercial Furnishings and Appliances

For each Federal Supply Class (FSC) in which your location has capabilities (defined for this survey as having the ability to provide the product or service within 12 months in typical business conditions); indicate the type of general capabilities and whether your location has provided this item to the USG/Air Force in the last four years. Then, provide a description of the products provided, and indicate whether your location carries out research & development (R&D) for these products. If the product contains any of the 35 federally designated critical mineral (see definitions for full listing), identify the primary such mineral (based on estimated level of criticality to the product). For each FSC line, provide your location's primary part number, and National Item Identification Numbers (NIINs), if known.

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FSC	Product Capability	Service Capability	Support of Air Force	Support of Other USG Agency	Product Description	R&D	Primary Critical Mineral	Primary Part Number	Primary NIIN	Other NIINs (comma-delimited)
63 - Alarm, Signal, and Detection Systems										
6310 - TRAFFIC AND TRANSIT SIGNAL SYSTEMS										
6320 - SHIPBOARD ALARM AND SIGNAL SYSTEMS										
6330 - RAILROAD SIGNAL AND WARNING DEVICES										
6340 - AIRCRAFT ALARM AND SIGNAL SYSTEMS										
6350 - MISCELLANEOUS ALARM, SIGNAL, AND SECURITY DETECTION SYSTEMS										
65 - Medical, Dental, and Veterinary Equipment										
6505 - DRUGS AND BIOLOGICALS										
6508 - MEDICATED COSMETICS AND TOILETRIES										
6509 - DRUGS AND BIOLOGICALS, VETERINARY USE										
6510 - SURGICAL DRESSING MATERIALS										
6515 - MEDICAL AND SURGICAL INSTRUMENTS, EQUIPMENT, AND SUPPLIES										
6520 - DENTAL INSTRUMENTS, EQUIPMENT, AND SUPPLIES										
6525 - IMAGING EQUIPMENT AND SUPPLIES: MEDICAL, DENTAL, VETERINARY										
6530 - HOSPITAL FURNITURE, EQUIPMENT, UTENSILS, AND SUPPLIES										
6532 - HOSPITAL AND SURGICAL CLOTHING AND RELATED SPECIAL PURPOSE ITEMS										
6540 - OPHTHALMIC INSTRUMENTS, EQUIPMENT, AND SUPPLIES										
6545 - REPLENISHABLE FIELD MEDICAL SETS, KITS, AND OUTFITS										
6550 - IN VITRO DIAGNOSTIC SUBSTANCES, REAGENTS, TEST KITS AND SETS										
66 - Instruments and Laboratory Equipment										
6605 - NAVIGATIONAL INSTRUMENTS										
6610 - FLIGHT INSTRUMENTS										
6615 - AUTOMATIC PILOT MECHANISMS AND AIRBORNE GYRO COMPONENTS										
6620 - ENGINE INSTRUMENTS										
6625 - ELECTRICAL AND ELECTRONIC PROPERTIES MEASURING AND TESTING INSTRUMENTS										
6630 - CHEMICAL ANALYSIS INSTRUMENTS										
6635 - PHYSICAL PROPERTIES TESTING AND INSPECTION										
6636 - ENVIRONMENTAL CHAMBERS AND RELATED EQUIPMENT										
6640 - LABORATORY EQUIPMENT AND SUPPLIES										
6645 - TIME MEASURING INSTRUMENTS										
6650 - OPTICAL INSTRUMENTS, TEST EQUIPMENT, COMPONENTS AND ACCESSORIES										
6655 - GEOPHYSICAL INSTRUMENTS										
6660 - METEOROLOGICAL INSTRUMENTS AND APPARATUS										
6665 - HAZARD-DETECTING INSTRUMENTS AND APPARATUS										
6670 - SCALES AND BALANCES										
6675 - DRAFTING, SURVEYING, AND MAPPING INSTRUMENTS										
6680 - LIQUID AND GAS FLOW, LIQUID LEVEL, AND MECHANICAL MOTION MEASURING INSTRUMENTS										
6685 - PRESSURE, TEMPERATURE, AND HUMIDITY MEASURING AND CONTROLLING INSTRUMENTS										
6695 - COMBINATION AND MISCELLANEOUS INSTRUMENTS										
67 - Photographic Equipment										
6710 - CAMERAS, MOTION PICTURE										
6720 - CAMERAS, STILL PICTURE										
6730 - PHOTOGRAPHIC PROJECTION EQUIPMENT										
6740 - PHOTOGRAPHIC DEVELOPING AND FINISHING EQUIPMENT										
6750 - PHOTOGRAPHIC SUPPLIES										
6760 - PHOTOGRAPHIC EQUIPMENT AND ACCESSORIES										
6770 - FILM, PROCESSED										
6780 - PHOTOGRAPHIC SETS, KITS, AND OUTFITS										
68 - Chemicals and Chemical Products										
6810 - CHEMICALS										
6820 - DYES										
6830 - GASES: COMPRESSED AND LIQUEFIED										
6840 - PEST CONTROL AGENTS AND DISINFECTANTS										
6850 - MISCELLANEOUS CHEMICAL SPECIALTIES										
69 - Training Aids and Devices										
6910 - TRAINING AIDS										
6920 - ARMAMENT TRAINING DEVICES										
6930 - OPERATION TRAINING DEVICES										
6940 - COMMUNICATION TRAINING DEVICES										
70 - ADP Equipment Software, Supplies, Equipment										
7010 - INFORMATION TECHNOLOGY EQUIPMENT SYSTEM CONFIGURATION										
7020 - INFORMATION TECHNOLOGY CENTRAL PROCESSING UNIT (CPU, COMPUTER), ANALOG										
7021 - INFORMATION TECHNOLOGY CENTRAL PROCESSING UNIT (CPU, COMPUTER), DIGITAL										
7022 - INFORMATION TECHNOLOGY CENTRAL PROCESSING UNIT (CPU, COMPUTER), HYBRID										
7025 - INFORMATION TECHNOLOGY INPUT/OUTPUT AND STORAGE DEVICES										
7030 - INFORMATION TECHNOLOGY SOFTWARE										
7035 - INFORMATION TECHNOLOGY SUPPORT EQUIPMENT										
7040 - PUNCHED CARD EQUIPMENT										
7042 - MINI AND MICRO COMPUTER CONTROL DEVICES										
7045 - INFORMATION TECHNOLOGY SUPPLIES										
7050 - INFORMATION TECHNOLOGY COMPONENTS										
71 - Furniture										
7105 - HOUSEHOLD FURNITURE										
7110 - OFFICE FURNITURE										
7125 - CABINETS, LOCKERS, BINS, AND SHELVE										
7195 - MISCELLANEOUS FURNITURE AND FIXTURES										
72 - Household/Commercial Furnishings and Appliances										
7210 - HOUSEHOLD FURNISHINGS										
7220 - FLOOR COVERING										
7230 - DRAPERIES, AWNINGS, AND SHADES										
7240 - HOUSEHOLD AND COMMERCIAL UTILITY CONTAINERS										
7290 - MISCELLANEOUS HOUSEHOLD AND COMMERCIAL FURNISHINGS AND APPLIANCES										
Comments:										

Section 9: FSGs 73 - 83: Food Preparation and Serving Equipment; Office Machines; Office Supplies and Devices; Books, Maps, and Other Publications; Musical Instruments; Recreational and Athletic Equipment; Cleaning Equipment and Supplies; Brushes, Paints, Sealers, and Adhesives; Containers, Packaging, and Packing Supplies; Textiles/Leather/Furs/Apparel/Shoes/Tents/Flags

For each Federal Supply Class (FSC) in which your location has capabilities (defined for this survey as having the ability to provide the product or service within 12 months in typical business conditions), indicate the type of general capabilities and whether your location has provided this item to the USG/Air Force in the last four years. Then, provide a description of the products provided, and indicate whether your location carries out research & development (R&D) for these products. If the product contains any of the 35 federally designated critical mineral (see definitions for full listing), identify the primary such mineral (based on estimated level of criticality to the product). For each FSC line, provide your location's primary part number, and National Item Identification Numbers (NIINs), if known.

Do not disclose any classified information in this survey form.

FSC	Product Capability	Service Capability	Support of Air Force	Support of Other USG Agency	Product Description	R&D	Primary Critical Mineral	Primary Part Number	Primary NIIN	Other NIINs (comma-delimited)
73 - Food Preparation and Serving Equipment										
7310 - FOOD COOKING, BAKING, AND SERVING EQUIPMENT										
7320 - KITCHEN EQUIPMENT AND APPLIANCES										
7330 - KITCHEN HAND TOOLS AND UTENSILS										
7340 - CUTLERY AND FLATWARE										
7350 - TABLEWARE										
7360 - SETS, KITS, OUTFITS AND MODULES, FOOD PREPARATION AND SERVING										
74 - Office Machines										
7420 - ACCOUNTING AND CALCULATING MACHINES										
7430 - TYPEWRITERS AND OFFICE TYPE COMPOSING MACHINES										
7435 - OFFICE INFORMATION SYSTEM EQUIPMENT										
7450 - OFFICE TYPE SOUND RECORDING AND REPRODUCING MACHINES										
7460 - VISIBLE RECORD EQUIPMENT										
7490 - MISCELLANEOUS OFFICE MACHINES										
75 - Office Supplies and Devices										
7510 - OFFICE SUPPLIES										
7520 - OFFICE DEVICES AND ACCESSORIES										
7530 - STATIONERY AND RECORD FORMS										
7540 - STANDARD FORMS										
76 - Books, Maps, and Other Publications										
7610 - BOOKS AND PAMPHLETS										
7630 - NEWSPAPERS AND PERIODICALS										
7640 - MAPS, ATLASES, CHARTS, AND GLOBES										
7641 - AERONAUTICAL MAPS, CHARTS AND GEODETIC PRODUCTS										
7642 - HYDROGRAPHIC MAPS, CHARTS AND GEODETIC PRODUCTS										
7643 - TOPOGRAPHIC MAPS, CHARTS AND GEODETIC PRODUCTS										
7644 - DIGITAL MAPS, CHARTS AND GEODETIC PRODUCTS										
7650 - DRAWINGS AND SPECIFICATIONS										
7660 - SHEET AND BOOK MUSIC										
7670 - MICROFILM, PROCESSED										
7690 - MISCELLANEOUS PRINTED MATTER										
77 - Musical Instruments										
7710 - MUSICAL INSTRUMENTS										
7720 - MUSICAL INSTRUMENT PARTS AND ACCESSORIES										
7730 - PHONOGRAPHS, RADIOS, AND TELEVISION SETS: HOME TYPE										
7735 - PARTS AND ACCESSORIES OF PHONOGRAPHS, RADIOS, AND TELEVISION SET: HOME TYPE										
7740 - PHONOGRAPH RECORDS										
78 - Recreational and Athletic Equipment										
7810 - ATHLETIC AND SPORTING EQUIPMENT										
7820 - GAMES, TOYS, AND WHEELED GOODS										
7830 - RECREATIONAL AND GYMNASIAC EQUIPMENT										
79 - Cleaning Equipment and Supplies										
7910 - FLOOR POLISHERS AND VACUUM CLEANING EQUIPMENT										
7920 - BROOMS, BRUSHES, MOPS, AND SPONGES										
7930 - CLEANING AND POLISHING COMPOUNDS AND PREPARATIONS										
80 - Brushes, Paints, Sealers, and Adhesives										
8010 - PAINTS, DOPES, VARNISHES, AND RELATED PRODUCTS										
8020 - PAINT AND ARTISTS' BRUSHES										
8030 - PRESERVATIVE AND SEALING COMPOUNDS										
8040 - ADHESIVES										
81 - Containers, Packaging, and Packing Supplies										
8105 - BAGS AND SACKS										
8110 - DRUMS AND CANS										
8115 - BOXES, CARTONS, AND CRATES										
8120 - COMMERCIAL AND INDUSTRIAL GAS CYLINDERS										
8125 - BOTTLES AND JARS										
8130 - REELS AND SPOOLS										
8135 - PACKAGING AND PACKING BULK MATERIALS										
8140 - AMMUNITION AND NUCLEAR ORDNANCE BOXES, PACKAGES AND SPECIAL CONTAINERS										
8145 - SPECIALIZED SHIPPING AND STORAGE CONTAINERS										
8150 - FREIGHT CONTAINERS										
83 - Textiles/Leather/Furs/Apparel/Shoes/Tents/Flags										
8305 - TEXTILE FABRICS										
8310 - YARN AND THREAD										
8315 - NOTIONS AND APPAREL FINDINGS										
8320 - PADDING AND STUFFING MATERIALS										
8325 - FUR MATERIALS										
8330 - LEATHER										
8335 - SHOE FINDINGS AND SOLING MATERIALS										
8340 - TENTS AND TARPAILINS										
8345 - FLAGS AND PENNANTS										
Comments:										

Section 3: FSGs 84 - 99: Clothing, Individual Equipment, and Insignia; Toiletries; Agricultural Supplies; Live Animals; Subsistence (Food); Fuels, Lubricants, Oils, and Waxes; Nonmetallic Fabricated Materials; Nonmetallic Crude Materials; Metal Bars, Sheets, and Shapes; Ores, Minerals, and Their Primary Products; Miscellaneous

For each Federal Supply Class (FSC) in which your location has capabilities (defined for this survey as having the ability to provide the product or service within 12 months in typical business conditions); indicate the type of general capabilities and whether your location has provided this item to the USG/Air Force in the last four years. Then, provide a description of the products provided, and indicate whether your location carries out research & development (R&D) for these products. If the product contains any of the 35 federally designated critical mineral (see definitions for full listing), identify the primary such mineral (based on estimated level of criticality to the product). For each FSC line, provide your location's primary part number, and National Item Identification Numbers (NIINs), if known.

Do not disclose any classified information in this survey form.

FSC	Product Capability	Service Capability	Support of Air Force	Support of Other USG Agency	Product Description	R&D	Primary Critical Mineral	Primary Part Number	Primary NIIN	Other NIINs (comma-delimited)
84 - Clothing, Individual Equipment, and Insignia										
8405 - OUTERWEAR, MEN'S										
8410 - OUTERWEAR, WOMEN'S										
8415 - CLOTHING, SPECIAL PURPOSE										
8420 - UNDERWEAR AND NIGHTWEAR, MEN'S										
8425 - UNDERWEAR AND NIGHTWEAR, WOMEN'S										
8430 - FOOTWEAR, MEN'S										
8435 - FOOTWEAR, WOMEN'S										
8440 - HOSIERY, HANDWEAR, AND CLOTHING ACCESSORIES, MEN'S										
8445 - HOSIERY, HANDWEAR, AND CLOTHING ACCESSORIES, WOMEN'S										
8450 - CHILDREN'S AND INFANTS' APPAREL AND ACCESSORIES										
8455 - BADGES AND INSIGNIA										
8457 - JEWELRY										
8460 - LUGGAGE										
8465 - INDIVIDUAL EQUIPMENT										
8470 - ARMOR, PERSONAL										
8475 - SPECIALIZED FLIGHT CLOTHING AND ACCESSORIES										
85 - Toiletries										
8510 - PERFUMES, TOILET PREPARATIONS, AND POWDERS										
8520 - TOILET SOAP, SHAVING PREPARATIONS, AND DENTIFRICES										
8530 - PERSONAL TOILETRY ARTICLES										
8540 - TOILETRY PAPER PRODUCTS										
87 - Agricultural Supplies										
8710 - FORAGE AND FEED										
8720 - FERTILIZERS										
8730 - SEEDS AND NURSERY STOCK										
88 - Live Animals										
8810 - LIVE ANIMALS, RAISED FOR FOOD										
8820 - LIVE ANIMALS, NOT RAISED FOR FOOD										
89 - Subsistence (Food)										
8905 - MEAT, POULTRY, AND FISH										
8910 - DAIRY FOODS AND EGGS										
8915 - FRUITS AND VEGETABLES										
8920 - BAKERY AND CEREAL PRODUCTS										
8925 - SUGAR, CONFECTIONERY, AND NUTS										
8930 - JAMS, JELLIES, AND PRESERVES										
8935 - SOUPS AND BOUILLONS										
8940 - SPECIAL DIETARY FOODS AND FOOD SPECIALTY PREPARATIONS										
8945 - FOOD, OILS AND FATS										
8950 - CONDIMENTS AND RELATED PRODUCTS										
8955 - COFFEE, TEA, AND COCOA										
8960 - BEVERAGES, NONALCOHOLIC										
8965 - BEVERAGES, ALCOHOLIC										
8970 - COMPOSITE FOOD PACKAGES										
8975 - TOBACCO PRODUCTS										
91 - Fuels, Lubricants, Oils, and Waxes										
9110 - FUELS, SOLID										
9130 - LIQUID PROPELLANTS AND FUELS, PETROLEUM BASE										
9135 - LIQUID PROPELLANT FUELS AND OXIDIZERS, CHEMICAL BASE										
9140 - FUEL OILS										
9150 - OILS AND GREASES: CUTTING, LUBRICATING, AND HYDRAULIC										
9160 - MISCELLANEOUS WAXES, OILS, AND FATS										
93 - Nonmetallic Fabricated Materials										
9310 - PAPER AND PAPERBOARD										
9320 - RUBBER FABRICATED MATERIALS										
9330 - PLASTICS FABRICATED MATERIALS										
9340 - GLASS FABRICATED MATERIALS										
9350 - REFRACTORIES AND FIRE SURFACING MATERIALS										
9390 - MISCELLANEOUS FABRICATED NONMETALLIC MATERIALS										
94 - Nonmetallic Crude Materials										
9410 - CRUDE GRADES OF PLANT MATERIALS										
9420 - FIBERS: VEGETABLE, ANIMAL, AND SYNTHETIC										
9430 - MISCELLANEOUS CRUDE ANIMAL PRODUCTS, INEDIBLE										
9440 - MISCELLANEOUS CRUDE AGRICULTURAL AND FORESTRY PRODUCTS										
9450 - NONMETALLIC SCRAP, EXCEPT TEXTILE										
95 - Metal Bars, Sheets, and Shapes										
9505 - WIRE, NONELECTRICAL										
9510 - BARS AND RODS										
9515 - PLATE, SHEET, STRIP, FOIL, AND LEAF										
9520 - STRUCTURAL SHAPES										
9525 - WIRE, NONELECTRICAL, NONFERROUS BASE METAL										
9530 - BARS AND RODS, NONFERROUS BASE METAL										
9535 - PLATE, SHEET, STRIP, AND FOIL, NONFERROUS BASE METAL										
9540 - STRUCTURAL SHAPES, NONFERROUS BASE METAL										
9545 - PLATE, SHEET, STRIP, FOIL, AND WIRE: PRECIOUS METAL										
96 - Ores, Minerals, and Their Primary Products										
9610 - ORES										
9620 - MINERALS, NATURAL AND SYNTHETIC										
9630 - ADDITIVE METAL MATERIALS										
9640 - IRON AND STEEL PRIMARY AND SEMIFINISHED PRODUCTS										
9650 - NONFERROUS BASE METAL REFINERY AND INTERMEDIATE FORMS										
9660 - PRECIOUS METALS PRIMARY FORMS										
9670 - IRON AND STEEL SCRAP										
9680 - NONFERROUS SCRAP										
99 - Miscellaneous										
9905 - SIGNS, ADVERTISING DISPLAYS, AND IDENTIFICATION PLATES										
9915 - COLLECTORS AND/OR HISTORICAL ITEMS										
9920 - SMOKERS' ARTICLES AND MATCHES										
9925 - ECCLESIASTICAL EQUIPMENT, FURNISHINGS, AND SUPPLIES										
9930 - MEMORIALS, CEMETERY AND MORTUARY EQUIPMENT AND SUPPLIES										
9999 - MISCELLANEOUS ITEMS										
Comments:										

Section 3k: Product Service Groups A-Z: R&D and Services

For each Product Service Group (PSG) in which your location has capabilities: indicate the type of general capability and whether your location has provided this service to the USG/Air Force in the last four years. Then, provide a description of the services provided, and provide any relevant 4-Digit Product Service Codes (e.g. AC11, AD53, B532, K013, etc.)

Do not disclose any classified information in this survey form.

A - Research & Development	Capability	Support of Air Force	Support of Other USG Agency	Service Description	Primary 4-Digit PSC	Other PSCs (comma-delimited)
AA - R&D - Agriculture					autopop?	
AB - R&D - Community Service/Development						
AC - R&D - Defense Systems						
AD - R&D - Defense Other						
AE - R&D - Economic Growth						
AF - R&D - Education						
AG - R&D - Energy						
AH - R&D - Environmental Protection						
AJ - R&D - General Science/Technology						
AK - R&D - Housing						
AL - R&D - Income Security						
AM - R&D - International Affairs						
AN - R&D - Medical: Biomedical						
AP - R&D - Natural Resources						
AQ - R&D - Social Services						
AR - R&D - Space						
AS - R&D - Modal Transportation (Motor Vehicles, Air, Rail, etc.)						
AT - R&D - Other Transportation						
AV - R&D - Mining						
AZ - R&D - Other R&D						
B through G - Special Studies, Architecture, Telecommunications, etc.	Capability	Support of Air Force	Support of Other USG Agency	Service Description	Primary 4-Digit PSC	Other PSCs (comma-delimited)
B - Special Studies and Analyses - Not R&D						
C - Architect and Engineering - Construction						
D - Automatic Data Processing and Telecommunication						
E - Purchase of Structures and Facilities						
F - Natural Resources and Conservation						
G - Social Services						
H - Quality Control, Testing, and Inspection	Capability	Support of Air Force	Support of Other USG Agency	Service Description	Primary 4-Digit PSC	Other PSCs (comma-delimited)
H1 - Quality Control						
H2 - Equipment and Materials Testing						
H3 - Inspection						
H9 - Other QC/Testing/Inspection						
J through N - Maintenance, Repair, Modification, etc.	Capability	Support of Air Force	Support of Other USG Agency	Service Description	Primary 4-Digit PSC	Other PSCs (comma-delimited)
J0 - Maintenance/Repair/Rebuild of Equipment						
J9 - Non-Nuclear Ship Repair						
K - Modification of Equipment						
L - Technical Representative						
M - Operation of Government Owned Facilities						
N - Installation of Equipment						
P - Salvage	Capability	Support of Air Force	Support of Other USG Agency	Service Description	Primary 4-Digit PSC	Other PSCs (comma-delimited)
P1 - Salvage - Preparation and Disposal of Surplus Property						
P2 - Salvage - Aircraft						
P3 - Salvage - Marine Vessels						
P4 - Salvage - Marine Vessels						
P5 - Salvage - Demolition of Structures						
P9 - Salvage - Other						
Q through Z - Medical, Professional, Utilities, Education, Transportation, etc.	Capability	Support of Air Force	Support of Other USG Agency	Service Description	Primary 4-Digit PSC	Other PSCs (comma-delimited)
Q - Medical Services						
R - Professional, Administrative and Management Support						
S - Utilities and Housekeeping Services						
T - Photographic, Mapping, Printing, and Publications						
U - Education and Training						
V - Transportation, Travel and Relocation						
W - Lease or Rental of Equipment						
X - Lease or Rental of Facilities						
Y - Construction of Structures and Facilities						
Z - Maintenance, Repair or Alteration of Real Property						
Comments:						

BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act

Section 4a: Suppliers and Inputs

The first column below will automatically be filled in based on your responses in Section 3 (Federal Supply Classes). For each of your location's products shown below, identify the total number of direct suppliers your location uses in the creation and provision of the product, then provide the information associated with your single most important supplier for that product. For this supplier provide information based on the supplier location providing the product to your location.

For the purpose of this survey, a "sole source" is the only source for the supply of parts, components, materials, or services. No alternative U.S. or non-U.S. based suppliers exist other than the current supplier. Alternates are considered available if they have equivalent technical know-how and production capability, whether qualified or not.

Your Location's Products (generated from Section 3 responses)	Total Number of Suppliers Used to Produce Product	Top Supplier of Input(s) to Your Location's Products									
		Supplier Name - Single Most Important Supplier	Supplier CAGE, DUNS, or Address	Supplier Country	Federal Supply Group of Input Sourced from Supplier	Federal Supply Class of Input Sourced from Supplier	Supplier Item Description	Alternate Suppliers	Primary Method of Transporting Item from Supplier	Primary Part Number Acquired from Supplier	Primary NIIN Acquired from Supplier
1055 - LAUNCHERS, ROCKET AND PYROTECHNIC	7	Producto Corp	12345	United States	34 - Metalworking Machinery	3411 - BORING MACHINES	3/4" high powered boring jabbers	None - Sole Global Source	Highway		875152678
1130 - CONVERSION KITS, NUCLEAR ORDNANCE								Yes - U.S. Alternate Available	Rail		
1325 - BOMBS								Yes - Only non-U.S. Alternate Available	Air		
									Ship		
									Internet/Electronic Delivery		
									Other		

Section 4b: Additional Suppliers and Inputs

Use this page to identify any additional key suppliers not listed in Section 4a, providing supplier and input information in the first nine columns and your location's product information in the final column.

If your location does not have any additional key suppliers (beyond those identified in Section 4a), indicate here:

Supplier Name	Supplier CAGE, DUNS, or Address	Supplier Country	Federal Supply Group of Input Sourced from Supplier	Federal Supply Class of Input Sourced from Supplier	Supplier Item Description	Alternate Suppliers	Primary Method of Transporting Item from Supplier	Primary Part Number Acquired from Supplier	Primary NIIN Acquired from Supplier	Primary Product Your Organization Uses Input For
Producto Corp	12345	United States	16 - Aircraft Components and Accessories	1670 - PARACHUTES, AERIAL PICK-UP, DELIVERY, RECOVERY SYSTEMS, AND CARGO TIE-DOWN EQUIPMENT		None - Sole Global Source Yes - U.S. Alternate Available Yes - Only non-U.S. Alternate Available				
Comments:										

Section 5: Essential Machinery and Tooling

Identify any machines, tools, or other items below that are essential for your business. Select the primary product this equipment is used for, identify the name of the manufacturer, their location, and provide a description of the equipment. Then, estimate how rapidly you could replace this equipment if needed, and the ease with which your location could use this equipment to produce different products than currently produced.

Equipment FSG	Equipment FSC (Select FSG First)	Equipment Description	Equipment Manufacturer	Manufacturer Country	Primary Product Used for	Time to Replace	Ability to Convert
30 - Mechanical Power Transmission Equipment						2 to 4 weeks	3 - Moderately Difficulty/Would Require Extended Cessation in Production
31 - Bearings							
32 - Woodworking Machinery and Equipment							
34 - Metalworking Machinery							
35 - Service and Trade Equipment							
36 - Special Industry Machinery							
37 - Agricultural Machinery and Equipment							
38 - Construction, Mining, Excavating, Highway Maint.							
43 - Pumps and Compressors							
44 - Furnace/Steam Plant/Drying Equip, Nuclear Reactors							
45 - Plumbing, Heating, and Sanitation Equipment							
46 - Water Purification and Sewage Treatment Equipment							
47 - Pipe, Tubing, Hose, Fittings							
48 - Valves							
49 - Maintenance and Repair Shop Equipment							
51 - Hand Tools							
52 - Measuring Tools							
66 - Instruments and Laboratory Equipment							
67 - Photographic Equipment							
74 - Office Machines							
Other							
Comments:							

Section 6: Customers

The first column below will automatically be filled in based on your responses in Section 3 (Federal Supply Classes). For each of your location's products shown below, identify the total number of direct customers your location typically has for the product (use the last four years as a guideline), then provide the information associated with the product's single most important customer.

Your Location's Products (generated from Section 3 responses)	Total Number of Direct Customers Product is Sent to	Top Customer						
		Customer Name	Customer CAGE, DUNS, or Address	Customer Country	Customer Product Federal Supply Group	Customer Product Federal Supply Class	Customer Product Description	Primary Part Number Sent to Customer
1055 - LAUNCHERS, ROCKET AND PYROTECHNIC	4	Susie's Aircraft LLC	12345	Albania	15 - Aircraft & Airframe Structural Components (Includes Space Vehicles)	1510 - AIRCRAFT, FIXED WING		
1130 - CONVERSION KITS, NUCLEAR ORDNANCE								
1325 - BOMBS								

Section 7a: Support of U.S. Government (USG) Agencies

Indicate all USG departments and agencies your location has supported, directly or indirectly, in the past four years. Estimate the percentage of your location's total sales that supported each agency over the past four years. Percentages will only sum to 100% if all of your location's sales are to USG agencies.

Agency Name	Type of Support	Estimated Percent of Your Location's Total Sales Attributable to USG Agency	Primary Product/Service Provided to Agency
U.S. Air Force			
U.S. Navy			
U.S. Army			
U.S. Marine Corps			
U.S. Intelligence Community (such as CIA, NGA, NRO, NSA, DNI, etc.)			
Department of Homeland Security (DHS)			
National Aeronautics and Space Administration (NASA)			
Department of Energy (DOE)			
Department of State			
A. DOD Missile Defense Agency (MDA)			
DOD Defense Advanced Research Projects Agency (DARPA)			
Other Agency	(Select from list)		
Other Agency	(Select from list)		
Other Agency	(Select from list)		
Other Agency	(Select from list)		
Other Agency	(Select from list)		
Other Agency	(Select from list)		
Other Agency	(Select from list)		
Other Agency	(Select from list)		
Other Agency	(Select from list)		
Other Agency	(Select from list)		
Other Agency	(Select from list)		
Other Agency	(Select from list)		
Unlisted Agency	(Write-in)		
Unlisted Agency	(Write-in)		
Unlisted Agency	(Write-in)		

Is your location dependent on selling to or funding from USG agencies for its continued viability?

Explain:

B. What could the USG do to increase your ability to provide high quality products and services at a reasonable cost in a timely manner?

Does your location provide any products or services that are export controlled?
 Has your location exported any products or services that are export controlled?
 Has your location had any deemed exports in the past five years?

Note: A deemed export is the release of controlled technology or information to a foreign person in the U.S. This includes technology made available to foreign nationals for visual inspection, exchanged orally, and made available by practice or application under the guidance of persons with knowledge of the technology.

C. Would reducing or eliminating some export controls make it easier for your location to provide products/services to the USG?
 If yes, pick one product/service for which you would most like to see controls reduced:
 Would adding/increasing export controls make it easier for your location to provide products/services to the USG?
 If yes, pick one product/service for which you would most like to see controls increased:

Comments on Export Controls:

D. From 2015-2019, has your location received a rated order (DO or DX) from a U.S. Government agency? A rated order means a prime contract, a subcontract, or a purchase order in support of an approved program issued in accordance with the provisions of the Defense Priorities and Allocation System (DPAS) regulations (15 CFR part 700).

Comments:

Section 7b: Participation in USG Programs

A. Estimate the total number of USG programs your location has directly or indirectly supported in the past four years (including those not listed below):

From the list of select U.S. Government programs provided below, identify each program your location has directly or indirectly supported in the past four years, indicating whether your support is for the initial build of the platform (acquisition) or for ongoing support, maintenance, and repairs (sustainment). Then select your location's top five product/services provided for each program supported.

The FSC drop-down list is based on your responses to Section 3. If your product does not appear in the drop-down, ensure that you have indicated in Section 3 that your location provides the product.

If you participate in a USG program that is not listed below, you may enter it manually at the bottom of this page (entries 150-169). In these cases, identify the relevant agency in the 'U.S. Government Agency' column and then identify the program name in the 'Program Name' column.

B. You may use the following links to jump directly to additional agencies/categories: [Army](#) [Marine Corps](#) [Navy](#) [Space/C3I](#) [Missiles](#) [Engines](#)

If your location does not support any of the listed U.S. Government programs, indicate this in the box to the right:

USG Program Identification
Do not disclose any classified information in this survey form.

1	Primary U.S. Government Agency/Category	Program Name	Participation	Federal Supply Class (from Survey Section 3b-3k) Supporting USG Programs					Key Supplier (from Section 4a-4b)
				1	2	3	4	5	
1	Air Force	A-10 Thunderbolt II							
2	Air Force	A-29 Super Tucano							
3	Air Force	ALCM							
4	Air Force	ATCAL5							
5	Air Force	AT-6 Wolverine	Acquisition						
6	Air Force	B-1 Lancer							
7	Air Force	B-2 Spirit							
8	Air Force	B-21 Raider							
9	Air Force	B-52 Stratofortress							
10	Air Force	C-12 Huron (and variants)							
11	Air Force	C-130H Hercules (and variants)							
12	Air Force	C-130J Super Hercules (and variants)	Both						
13	Air Force	C-17 Globemaster III							
14	Air Force	C-5 Galaxy (and variants)							
15	Air Force	Control and Reporting Center (CRC)							
16	Air Force	Deployable - Instrument Landing System (D-ILS)							
17	Air Force	E-3 Sentry							
18	Air Force	E-6 Tacamo							
19	Air Force	E-8 Joint STARS							
20	Air Force	Egi-Modernization							
21	Air Force	F-15 Eagle							
22	Air Force	F-15E Strike Eagle							
23	Air Force	F-16 Fighting Falcon							
24	Air Force	F-22 Raptor							
25	Air Force	F-35 Lightning II (A/B/C)							
26	Air Force	Family of Advanced Beyond Line-of-Sight Terminals (FAB-T)	Acquisition						
27	Air Force	Global American Society for Nondestructive Testing							
28	Air Force	Ground Based Strategic Deterrent (GBSD)							
29	Air Force	HH-60 Pave Hawk (and variants)							
30	Air Force	KC-10 Extender							
31	Air Force	KC-135 Stratotanker							
32	Air Force	KC-46 Pegasus							
33	Air Force	MC-130 (and variants)							
34	Air Force	MQ-9 Reaper							
35	Air Force	Presidential and National Voice Conferencing (PNVC)							
36	Air Force	RC-135 Cobra Ball, Combat Sent, Rivet Joint							
37	Air Force	RQ-170 Sentinel							
38	Air Force	RQ-20 Puma							
39	Air Force	RQ-4 Global Hawk							
40	Air Force	Space Fence							
41	Air Force	T-1 Jayhawk							
42	Air Force	T-38 Talon							
43	Air Force	T-6 Texan II							
44	Air Force	T-7A Red Hawk							
45	Air Force	U-2 Dragon Lady							
46	Air Force	UH-1N Twin Huey							
47	Air Force	V-22 Osprey							
48	Army	AH-64 Apache							
49	Army	CH-47 Chinook (and variants)							
50	Army	MH-6 Little Bird							
51	Army	MQ-1C Gray Eagle							
52	Army	Prion Robotics Maveric							
53	Army	RQ-11 Raven							
54	Army	RQ-7 Shadow							
55	Army	Switchblade							
56	Army	UH-60 Black Hawk (and variants)							
57	Army	UH-72 Lakota							
58	Marine Corps	AH-1 SuperCobra / Viper (and variants)							
59	Marine Corps	AV-8B/+ Harrier II							
60	Marine Corps	CH-53E Super Stallion							
61	Marine Corps	CH-53K King Stallion							
62	Marine Corps	RQ-21 Blackjack							
63	Marine Corps	ScanEagle							
64	Marine Corps	UH-1Y Venom							
65	Navy	C-130T Hercules (and variants)							
66	Navy	C-2 Greyhound							
67	Navy	E-2 Hawkeye							
68	Navy	EA-18G Growler							
69	Navy	F/A-18 Hornet (And F/A-18A through D)							
70	Navy	F/A-18E/F Super Hornet							
71	Navy	F-35N Tiger II							
72	Navy	MH-53E Sea Dragon							
73	Navy	MQ-8 Fire Scout							
74	Navy	P-3 Orion							
75	Navy	P-8 Poseidon							
76	Navy	SH-60 Seahawk (and variants)							
77	Navy	T-45 Goshawk							

78	Navy	TH-57 Sea Ranger								
79	Space/C3I	Advanced Extremely High Frequency (AEHF)								
80	Space/C3I	AN/MPQ-T3 Radar								
81	Space/C3I	AN/MSQ-T13 Radar Simulator								
82	Space/C3I	AN/GRC-221 Communications Warning Radio								
83	Space/C3I	AN/FPS-85 Radar								
84	Space/C3I	Control and Reporting Center (CRC)								
85	Space/C3I	Defense Meteorological Satellite Program (DMSP)								
86	Space/C3I	GPS Block III								
87	Space/C3I	Joint Threat Emitter (JTE)								
88	Space/C3I	Mini-Multiple Threat Emitter System (mini-MUTES)								
89	Space/C3I	Modular Threat Emitter (MTE)								
90	Space/C3I	Multiple Threat Emitter System (MUTES)								
91	Space/C3I	North Warning System								
92	Space/C3I	SEEK SCORE								
93	Space/C3I	Space Based Infrared Surveillance (SBIRS)								
94	Space/C3I	Tactical Radar Threat Generator (TRTG)								
95	Space/C3I	Threat Reaction and Indicator System (TRAINS)								
96	Space/C3I	Unmanned Threat Emitter (UMTE)								
97	Space/C3I	Upgraded Early Warning Radar (UEWR)								
98	Space/C3I	Weather System Follow-on Microwave (WSF-M)								
99	Missiles	LGM-30 Minuteman III								
100	Missiles	UGM-133 Trident II (D5LE)								
101	Missiles	Ground-Based Midcourse Defense (GMD)								
102	Missiles	Terminal High Altitude Area Defense (THAAD)								
103	Missiles	Aegis Ballistic Missile Defense System (ABMD)								
104	Engines	AE 1107C								
105	Engines	AE 2100D3								
106	Engines	CM56-GEN								
107	Engines	F100-220A/B/C/D/E/F								
108	Engines	F100-229A/B								
109	Engines	F101-102A								
110	Engines	F103-100/101/102								
111	Engines	F107-101/400								
112	Engines	F108-100/A								
113	Engines	F108-201/A								
114	Engines	F110-100/B/C								
115	Engines	F110-129/B/D								
116	Engines	F113-100								
117	Engines	F117-100/200								
118	Engines	F118-100								
119	Engines	F118-101/A								
120	Engines	F119-100								
121	Engines	F135-100								
122	Engines	F137-100								
123	Engines	F138-100								
124	Engines	F139-100								
125	Engines	F404-400								
126	Engines	F404-F1D2								
127	Engines	J85-5								
128	Engines	J85-005H/U/M/P/R/S								
129	Engines	J85-017A								
130	Engines	J85-021B								
131	Engines	T53-013B								
132	Engines	T53-703								
133	Engines	T56-15								
134	Engines	T56-001A								
135	Engines	T56-7								
136	Engines	T56-007B								
137	Engines	T56-009B/C/D/E								
138	Engines	T56-15								
139	Engines	T700-701C/D								
140	Engines	TF33								
141	Engines	TF39								
142	Engines	TF33003								
143	Engines	TF33005								
144	Engines	TF33009								
145	Engines	TF33100A								
146	Engines	TF33102A/B/C								
147	Engines	TF33103								
148	Engines	TF34100A								
149	Engines	TPE33112701G								
150	(Identify Agency)	(Write-In Program Here)								
151	(Identify Agency)	(Write-In Program Here)								
152	(Identify Agency)	(Write-In Program Here)								
153	(Identify Agency)	(Write-In Program Here)								
154	(Identify Agency)	(Write-In Program Here)								
155	(Identify Agency)	(Write-In Program Here)								
156	(Identify Agency)	(Write-In Program Here)								
157	(Identify Agency)	(Write-In Program Here)								
158	(Identify Agency)	(Write-In Program Here)								
159	(Identify Agency)	(Write-In Program Here)								
160	(Identify Agency)	(Write-In Program Here)								
161	(Identify Agency)	(Write-In Program Here)								
162	(Identify Agency)	(Write-In Program Here)								
163	(Identify Agency)	(Write-In Program Here)								
164	(Identify Agency)	(Write-In Program Here)								
165	(Identify Agency)	(Write-In Program Here)								
166	(Identify Agency)	(Write-In Program Here)								
167	(Identify Agency)	(Write-In Program Here)								
168	(Identify Agency)	(Write-In Program Here)								
169	(Identify Agency)	(Write-In Program Here)								
Comments:										

Section 8a: Supply Chain Disruptions

Since 2016, has your organization experienced any problems due to critical components, machinery, and/or materials no longer being produced or serviced?

Does your organization expect to experience any such problems in the next five years?

Identify reasons for these problems, indicating whether they have been experienced in the past, are expected in the future, or both:

Problem Type	Experienced	Primary Product Affected	Description of problem and any steps taken to minimize the risks posed
Environmental Regulations			
End of Product Life Cycle			
A. Export Controls			
Foreign Competition			
Foreign Government Actions			
Production Costs			
Other	(specify here)		
Other	(specify here)		

Does your location have a supply chain risk management (SCRM) program in place?

In the past four years, has your organization experienced any supply chain disruptions which impacted your organization's ability to provide any products and services?

If yes, by magnitude of impact, identify the Supplier associated with the disruption, then provide information on the input causing the disruption and details about the disruption.

	Supplier Name	FSG of Input Disrupted	FSC of Input Disrupted (select FSG first)	Length of Disruption (days)	Source of Disruption (Country)	Primary Reason for Disruption	Primary Resolution	Your Primary Product Impacted by the Disruption	Explanation/Comments
1									
2									
3									
B. 4									
5									

Identify the top 5 parts that are most likely to disrupt your operations

	Part Number or NIN	Supplier Name	FSG of Part	FSC of Part (select FSG first)	Length of Disruption (days)	Source of Disruption (Country)	Explain Vulnerability/Concern	Your Primary Product Impacted by the Disruption	Who Paid for the Development of the Part?
1									
2									
3									
4									
5									

In the past four years, has this location encountered product failures that are suspected or confirmed to be attributed to counterfeit materials?

Does this facility buy items from sources other than the original manufacturer or its authorized distributor?

If so, what practices do you regularly use to verify that the items are genuine and perform to specifications:

Systematic testing of inventory

Confirm production lots and production dates with the original manufacturer

Check authenticity of standards organization certification labels/trademarks

Other (specify here)

Other (specify here)

How critical an issue are counterfeit products in your industry?

Comments:

For which products are you most concerned about encountering counterfeits?

FSG of Item of Concern	FSC of Item of Concern (select FSG first)	Explanation

Does your location have a DMSMS/obsolescence management program?

DMSMS Program Point of Contact, if applicable (Name, Title, Email, Phone)

How frequently is your location affected by new issues involving obsolete/out of production parts or components?

Are there any specific items that are essential to your location's operations that will soon no longer be available in the U.S.?

	FSG of Input Becoming Unavailable in U.S.	FSC of Input Becoming Unavailable in U.S. (select FSG first)	Your Primary Product Impacted	Expected Year of Non-Availability	Existence of Mitigation Plan	Explanation
D. 1	30 - Mechanical Power Transmission Equipment	3030 - BELTING, DRIVE BELTS, FAN BELTS, AND ACCESSORIES				
2						
3						
4						
5						

Comments:

Section 8b: Use of Critical Minerals

For the critical minerals listed below, identify whether your location uses them directly (in mineral/raw material form), keeps any inventory of the minerals, and has had any supply chain or production disruptions as a result of the mineral, estimating the length of any disruption/delay.

	Use Directly	Primary Country of Origin (Original Source)	Average Inventory (kg)	Average Weeks of Supply	Supply Disruption	Item Has Caused Production Delays	Primary Product/Service Using Critical Mineral	Primary USG Program Supported (if known/applicable)
Aluminum (bauxite)								
Antimony								
Arsenic								
Barite								
Beryllium								
Bismuth								
Cesium								
Chromium								
Cobalt								
Fluorspar								
Gallium								
Germanium								
Graphite (natural)								
Hafnium								
Helium								
Indium								
Lithium								
Magnesium								
Manganese								
Niobium								
Platinum group metals								
Potash								
Rare earth elements								
Rhenium								
Rubidium								
Scandium								
Strontium								
Tantalum								
Tellurium								
Tin								
Titanium								
Tungsten								
Uranium								
Vanadium								
Zirconium								
Other	Specify							
Comments:								

Section 9: Employment

Record the total number of full time equivalent (FTE) employees and contractors employed by this location for the past four years.

This may include employees who work off-site but report to this location.

A.						
	2016	2017	2018	2019		Average Annual Turnover Rate
FTE Employees						
FTE Contractors						

How many non-U.S. citizens work at your location?

List each country (other than the U.S.) from which your location currently has non-U.S. citizen workers (employees or contractors), and identify the number of each type of visa or green card holder associated with each country.

Country		Green Card	H1B	L1	F1	O1	Other

Indicate whether your location have difficulty hiring and/or retaining any parts of its workforce, provide the number of workers in each age category, and provide an explanation of any difficulties hiring or retaining workers.

Occupation		Citizenship	Difficulty	# of Unfilled Vacancies	Under 25	26-35	36-45	46-55	56-64	65+
Total (All Employees)	U.S.									
	Non-U.S.									
Engineers, Scientists, R&D	U.S.									
	Non-U.S.									
Production Line Operations	U.S.									
	Non-U.S.									
C. Testing and Quality Control	U.S.									
	Non-U.S.									
Information Technology/Computing	U.S.									
	Non-U.S.									
Sales, Administrative, and Management	U.S.									
	Non-U.S.									
Other (specify here)	U.S.									
	Non-U.S.									
Other (specify here)	U.S.									
	Non-U.S.									

Explanation of Difficulties:

Identify the key workforce issues you have experienced or anticipate in the next five years.

Issue		Time Frame	Explanation
Finding U.S. citizens			
Finding qualified workers			
Finding experienced workers			
Finding workers able to get security clearances			
Attracting workers to location			
Significant portion of workforce retiring			
Employee turnover			
Other (specify here)			
Other (specify here)			

Comments:

Section 10a: Cyber Stature

Indicate which of the following security measures are in place at this location:

Account Monitoring and Control		Inventory of Authorized/Unauthorized Software	
Application Software Security		Limitation/Control of Network Ports and Services	
Boundary Defense		Maintenance, Monitoring, & Analysis of Audit Logs	
Continuous Vulnerability Assessment		Malware Defenses	
A. Controlled Access Based on Need to Know		Penetration Tests and Red Team Exercises	
Controlled Use of Administrative Privileges		Secure Configurations on Hardware	
Data Protection		Secure Configurations of Network Devices	
Data Recovery Capability		Secure Network Engineering	
Incident Response and Management		Security Skills Assessments and Training	
Inventory of Authorized/Unauthorized Devices		Wireless Access Control	
Other	(specify here)	Other	(specify here)

Identify any impacts or actions resulting from malicious cyber activity at your location in the past four years:

Impacts Experienced		Actions Undertaken	
IT downtime		Revised approach to international partnerships	
Costs from damage assessment/remediation		Significant change in R&D strategy	
Loss of sales/Business interruption		Exit from foreign markets or market segments	
Exfiltration of Commercially Sensitive Information		Exit from product or business line	
Damage to IT infrastructure		Major new investment in cyber security	
B. Damage to company production capabilities or systems		Other	(specify here)
Theft of software and/or source code		Other	(specify here)
Other	(specify here)	Other	(specify here)

Identify up to three products/services most affected by malicious cyber activity:	Primary Product Affected	Secondary Product Affected	Tertiary Product Affected

Comments:

Does your location have defined, written protocols in place for responding to a cyber security breach?

Explain:

Is your location able to detect the theft of, or unauthorized access to, Commercially Sensitive Information by cyber means?

C. Does your location carry out software assurance/code review for externally procured items?

How many days on average does it take for your location to implement a software patch across all your networked systems after its release?

If an event occurred that resulted in the loss of access to a significant portion of your location's data, how long do you estimate it would take to restore full functionality from system backups?

Explain:

Indicate whether your location routinely encrypts sensitive data in each of the following states:

D.	In storage (at rest)		Transmitted internally		Transmitted externally	
----	----------------------	--	------------------------	--	------------------------	--

Does your location restrict or prohibit external data/cloud storage provider(s) from storing commercially sensitive information outside of the U.S.?

Comments:

The U.S. Government encourages the reporting of suspected or confirmed cybersecurity incidents to the Federal Bureau of Investigation (FBI) or the Cyber Security and Infrastructure Security Agency (CISA). Local FBI field offices can be identified at <http://www.fbi.gov/contact-us/field>; the FBI's 24/7 Cyber Watch (CyWatch) can be contacted by phone at 855-292-3937, or by e-mail at CyWatch@ic.fbi.gov; and cybersecurity incidents and vulnerabilities can be reported to CISA at <https://www.us-cert.gov/report>. No-cost technical assistance can be requested from CISA, using the same website address.

Section 10b: Physical Stature				
Does this location have a written disaster response plan or business continuity plan in place?				
A.	Explain:			
If yes, does the plan include informing customers of the resulting disruption/delay?				
Has this location evaluated the potential impact of disasters (human, natural, or technological) on:				
B.	Organization property/facilities/equipment		Explain:	
	Production capabilities		Explain:	
	Ability to receive necessary supplies/inputs		Explain:	
	Ability to deliver goods/services		Explain:	
	Health/safety and readiness of workforce		Explain:	
Identify any disasters that have affected this location in the past four years				
C.	Disaster Type	Number of Occurrences	Longest Impingement of Capabilities	Primary Product Affected
	Flooding		Occurred, no effect	
	Wind-related (including tornadoes, hurricanes)		Under 1 week	
	Fire		1 week to 1 month	
	Winter Weather		over 1 month	
	Disease/Biological Hazard		not applicable	
	Other	(specify here)		
	Other	(specify here)		
In the event of an electric power grid failure, for how long would this location be able to maintain production or services?				
D.	Explain:			
In the event of a disaster that prevented this location from functioning, how long would it take your organization to shift production or services to an alternate site?				
E.	Explain:			
Indicate which of the following security measures are in place at this location:				
F.	Employee/contractor background investigations		After hours inspections of cleared areas	
	CCTV monitoring		Control of facility points of entry	
	Intrusion alarms		Perimeter barriers around facility	
	Personnel physical access cards		Physical separation of sensitive areas	
	Security guards		Other	(specify here)
	Other	(specify here)	Other	(specify here)
	Comments			
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Section 11: Financials

Provide the following financial line items for your location for the last four years below.

Note: Location level data is strongly preferred. If you do not keep this information at a location level, provide data at the next highest level available, noting the level of reporting.

Source of Income Statement Items:					
Reporting Schedule:					
Income Statement (Select Line Items)		Record \$ in Thousands, e.g. \$12,000.00 = survey input of \$12			
		2016	2017	2018	2019
A.	Net Sales (and other revenue)				
	1 <i>Defense-Related Sales Percentage</i>				
B.	Cost of Sales / Cost of Goods Sold				
C.	Depreciation and Amortization				
D.	Total Operating Income (Loss)				
E.	Earnings Before Interest and Taxes				
F.	Net Income				
Source of Balance Statement Items:					
Reporting Schedule:					
Balance Sheet (Select Line Items)		Record \$ in Thousands, e.g. \$12,000.00 = survey input of \$12			
		2016	2017	2018	2019
A.	Cash				
B.	Inventories				
C.	Current Assets				
D.	Total Assets				
E.	Current Liabilities				
F.	Total Liabilities				
G.	Retained Earnings				
H.	Total Owner's Equity				
Source of Other Items:					
Reporting Schedule:					
Other Select Items		Record \$ in Thousands, e.g. \$12,000.00 = survey input of \$12			
		2016	2017	2018	2019
A.	Research & Development (R&D) Expenditure				
	1 <i>Defense-Related R&D Percentage</i>				
B.	Capital Expenditure (CapEx)				
	1 <i>Defense-Related CapEx Percentage</i>				
Does your location use the R&D tax credit?					
Comment:					

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Section 12: Mergers, Acquisitions, and Joint Ventures

Mergers and Acquisitions

How many merger and acquisitions has your organization been involved in over the past 10 years? (Note: this section may be completed at the corporate level).

Identify your organization's ten most recent mergers and acquisitions, if applicable.

	Organization Name	CAGE, DUNS, or Address	Country	Year	Primary Product of Relevance	Primary Objective of Merger/Acquisition	Explain
A. 1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							

Joint Ventures

How many joint ventures does your organization currently participate in? (Note: this section may be completed at the corporate level).

Identify your organization's current joint venture relationships, including public/private R&D partnerships, if applicable. Be sure to provide a description of the joint venture's purpose (e.g. patent licensing, co-production, product integration, after-market support, etc.):

	Organization/Entity Name	CAGE, DUNS, or Address	Country	Year Initiated	Primary Product of Relevance	Primary Purpose of Joint Venture	Explain
B. 1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							
15.							

Comments:

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Section 13: Challenges and Outreach

Identify the issues that have impacted your location in the past three years.
 In column A, select YES/NO from the dropdown menu.
 In column B, rank your top five issues (one being the most important) by selecting numbers one through five, using each rank exactly once.
 In column C, provide an explanation for the relevant issues.

Type of Issue	A	B	C
	-Yes/No-	Rank Top 5	Explanation of Issue:
Aging equipment, facilities, or infrastructure			
Aging workforce			
Counterfeit parts			
Cyber security			
Domestic competition			
Environmental regulations/remediation			
Export controls/ITAR & EAR			
Foreign competition			
Government acquisition process			
Government purchasing volatility			
A. Government regulatory burden			
Healthcare			
Industrial espionage - domestic			
Industrial espionage - foreign			
Input availability			
Intellectual property/patent infringement			
Labor availability/costs			
Obsolescence			
Pension costs			
Proximity to customers			
Proximity to suppliers			
Qualifications/certifications			
Quality of inputs			
R&D costs			
Reduction in USG demand			
Taxes			
Trade Disputes/Tariffs			
Worker/skills retention			
Other			(specify here)

Any internal supply chain vulnerabilities that have not been listed elsewhere in this survey may be securely included here:

B.

Would your organization find it useful to have an ongoing method for securely reporting supply chain vulnerabilities to the Air Force?

Explain:

There are many federal and state government programs and services available to assist your organization to better compete in the global marketplace. If your organization would like more information regarding these government programs, select the specific areas of interest below. The Commerce Department will follow-up with your organization regarding your selections.

Continuous Improvement/Lean Manufacturing		Market Expansion/Business Growth	
Cyber Security		Product Design	
Design for Assembly		Prototyping	
C. Design for Manufacturability		Quality Management and Control	
Energy and Environmentally Conscious Manufacturing		Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) contracts	
Export Assistance		Supply Chain Optimization	
Export Licensing (ITAR/EAR)		Technology Acceleration	
Government Procurement Guidelines		Vendor/Material Sourcing	

Comments:

Section 14: Certification

The undersigned certifies that the information herein supplied in response to this questionnaire is complete and correct to the best of his/her knowledge. It is a criminal offense to willfully make a false statement or representation to any department or agency of the United States Government as to any matter within its jurisdiction (18 U.S.C. 1001 (1984 & SUPP. 1197))

Once this survey is complete, first save it to your computer, and then submit the document via the Census Bureau portal linked here:

<https://respond.census.gov/AFSC>

Location Name	
Organization Name	
Organization's Internet Address	
Name of Authorizing Official	
Title of Authorizing Official	
E-mail Address	
Phone Number and Extension	
Date Certified	

In the box below, provide any additional comments or any other information you wish to include regarding this survey assessment.

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How many hours did it take to complete this survey?	
---	--

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Appendix A: Definitions

Term	Definition
Applied Research	A systematic study to gain the knowledge or understanding necessary to determine the means by which a recognized and specific need may be met. This activity includes work leading to the production of useful materials, devices and systems or methods, including design development and improvement of prototypes and new processes.
Authorizing Official	Executive officer of the organization or business unit or other individual who has the authority to execute this survey on behalf of the organization.
Basic Research	Systematic, scientific study directed toward greater knowledge or understanding of the fundamental aspects of phenomena and of observable facts.
Commercial and Government Entity (CAGE) Code	Commercial and Government Entity (CAGE) Code identifies companies doing or wishing to do business with the U.S. Federal Government. The code is used to support mechanized government systems and provides a standardized method of identifying a given facility at a specific location. Find CAGE codes at https://cage.dla.mil
Commercially Sensitive Information	Privileged or proprietary information which, if comprised through alteration, corruption, loss, misuse, or unauthorized disclosure, could cause serious harm to the information's owners.
Component	Any raw material, substance, piece, part, software, firmware, labeling, or assembly which is intended to be included as part of the finished, packaged, and labeled device.
Customer	An entity to which an organization directly delivers the product or service that it produces. A customer may be another organization or another facility owned by the same parent organization. The Customer may be the end user for the item but often can be the immediate link in the supply chain, adding additional value before transferring the item to yet another customer.
Cyber Security	The body of technologies, processes, and practices designed to protect networks, computers, programs, and data from attack, damage, or unauthorized access.
Data Universal Numbering System (DUNS)	A nine-digit numbering system that uniquely identifies an individual businesses. Find DUNS numbers at http://fedgov.dnb.com/webform
Deemed Export	The release of controlled technology or information to a foreign person in the U.S. This includes technology made available to foreign nationals for visual inspection, exchanged orally, and made available by practice or application under the guidance of persons with knowledge of the technology.
Facility	For the purpose of this survey, a facility is an area within an organization defined by a single CAGE code. An organization's physical location may contain multiple facilities.
Federal Acquisition Regulation (FAR)	The Federal Acquisition Regulations System is established for the codification and publication of uniform policies and procedures for acquisition by all executive agencies. The Federal Acquisition Regulations System consists of the Federal Acquisition Regulation (FAR), which is the primary document, and agency acquisition regulations that implement or supplement the FAR.
Federal Supply Class (FSC)	For this survey the Federal Supply Class consists of the first four digits of a particular NATO Stock Number, with the first two digits consisting of the Federal Supply Group and the next two digits further specifying the product type (e.g. 5905 - RESISTORS within FSG 59 - Electrical and Electronic Equipment Components).
Federal Supply Group (FSG)	A Federal Supply Group consists of the first two digits of a particular NATO Stock Number, which segment items into general classifications (e.g. 14 - Guided Missiles or 67 - Photographic Equipment)
Full Time Equivalent (FTE) Employees	Employees who work for 40 hours in a normal work week. Convert part-time employees into "full time equivalents" by taking their work hours as a fraction of 40 hours.
Joint Venture	A joint commercial enterprise taken by two or more distinct business entities.
Location	For the purpose of this survey, a location is a single contiguous site. Locations may- and often will contain multiple facilities. Additionally, all off-work site activities associated with a location should be reported as part of that location. For instance, employees who work at a client site should be considered as part of their employing location.
Manufacturer	An organization that uses labor and capital to convert raw materials into finished or semi-finished goods. For the purpose of this survey, manufacturing includes integration and assembly.
National Item Identification Numbers (NIIN)	A nine-digit code that identifies an item of supply within the NATO Codification System. It is the final nine digits of the item's Nato Stock Number, after the four-digit Federal Supply Class.
Product Service Codes	Codes used by the United States Government to describe the products, services, and research and development purchased by the government.
Service	An intangible product (contrasted to a good, which is a tangible product). Services typically cannot be stored or transported, even though other sources with equivalent technical know-how and production capability may exist.
Single Source	An organization that is designated as the only accepted source for the supply of parts, components, materials, or services, even though other sources with equivalent technical know-how and production capability may exist.
Sole Source	An organization that is the only source for the supply of parts, components, materials, or services. No alternative U.S. or non-U.S. based suppliers exist other than the current supplier.
Supplier	An entity from which your organization obtains inputs. A supplier may be another firm with which you have a contractual relationship, or it may be another facility owned by the same parent organization. The inputs may be goods or services.
Supply Chain Risk Management Program	A coordinated effort within an organization to help identify, monitor, detect and mitigate threats to the supply chain.
United States	The "United States" or "U.S." includes the 50 states, Puerto Rico, the District of Columbia, the Island of Guam, the Trust Territories, and the U.S. Virgin Islands.