

**REPORT BY THE DEPARTMENT OF STATE
PURSUANT TO SECTION 655 OF THE FOREIGN ASSISTANCE
ACT OF 1961, AS AMENDED
Direct Commercial Sales Authorizations for Fiscal Year 2009**

Overview

This report covers defense articles and defense services licensed for permanent export during Fiscal Year 2009 under Section 38 of the Arms Export Control Act, as amended. It is provided pursuant to Section 655 of the Foreign Assistance Act of 1961, as amended. The report specifies the aggregate dollar value and quantity of defense articles and defense services, by category, authorized to each foreign country, including any international organizations operating in each country, as well as data on the actual shipments occurring during the Fiscal Year. Actual shipment data contained herein shows the total dollar value of all shipments to each destination. Authorizations in this report are categorized based on the destination country licensed. This includes articles exported for use by U.S. government agencies within the country of export as well as articles exported for use by U.S. and Allied forces operating on foreign soil.

In accordance with subsection (c) of Section 655, this report is also being made available to the public on the Internet through the Department of State, Directorate of Defense Trade Controls, at www.pmdtdc.state.gov.

Part 1 of the report details \$40 billion in licenses authorizing the permanent export of defense articles by country, including any international organizations operating in that country, quantity, value, and U.S. Munitions List (USML) Category and Sub Category.

Part 2 of the report details \$87 billion in defense services (i.e., agreements) authorized for export by country including any international organizations operating in that country, value, and USML Category.

Authorizations applicable to multiple countries are included under the designation "Various" in Parts 1 and 2. As documentation for shipping purposes requires a definitive destination be declared, actual shipments for those articles approved under the designation "Various" are attributed to the country listed on the shipping documentation. Actual shipments for articles approved for the United Nations are attributed to the country in which the UN will utilize the items.

Importantly, the value of authorizations provided under Section 38 for defense articles and defense services does not precisely correlate to the value of articles actually transferred during this same time frame. Most licenses issued for articles shown in Part 1 are valid for four years and may be used throughout the period of validity to carry out the authorized export transactions. Similarly, manufacturing license and technical assistance agreements set forth in Part 2 of the report cover a wide range of programmatic activities for multi-year periods (generally exceeding the four-year validity period of defense article export licenses). Because the scope of the Department's regulatory authority over such agreements continues for as long as these multi-year agreements remain in effect, export authorizations furnished in Fiscal Year 2009 also include certain activities occurring in prior years.

The Categories and Subcategories of the USML referenced throughout this report are as follows and note that entries with an asterisk are Significant Military Equipment.

Category I Firearms, Close Assault Weapons and Combat Shotguns

- * (a) Nonautomatic and semi-automatic firearms
- * (b) Fully automatic firearms
- * (c) Firearms and other weapons
- * (d) Combat shotguns
- * (e) Silencers, mufflers, sound and flash suppressors
- (f) Riflescopes
- * (g) Barrels, cylinders, receivers, and complete breech mechanisms
- (h) Components, parts, and associated equipment
- (i) Technical data

Category II Guns and Armament

- * (a) Guns over caliber .50
- (b) Flame throwers
- (c) Devices for launching or delivering ordnance
- * (d) Kinetic energy weapon systems
- (e) Signature control materials, techniques, and equipment
- * (f) Engines specifically designed for self-propelled guns and howitzers
- (g) Tooling and equipment

- (h) Test and evaluation equipment
- (i) Autoloading systems for electronic programming of projectile function
- (j) Components, parts, and associated equipment
- (k) Technical data

Category III Ammunition/Ordnance

- *(a) Ammunition/ordnance for Categories I & II articles
- (b) Ammunition/ordnance handling equipment
- (c) Equipment and tooling
- (d) Components, parts, and associated equipment:
 - *(1) Guidance and control components
 - *(2) Safing, arming, and fuzing components
 - (3) All other components, parts, and associated equipment
- (e) Technical data

Category IV Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines

- *(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps
- *(b) Launch vehicles and missile and anti-missile systems
- (c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)
- *(d) Missile and space launch vehicle power plants
- *(e) Military explosive excavating devices
- *(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category
- *(g) Non/nuclear warheads for rockets and guided missiles
- (h) Components, parts, and associated equipment
- (i) Technical data

Category V Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents

- * (a) Explosives
- * (b) Propellants
- (c) Pyrotechnics, fuels, and related substances
- (d) Oxidizers
- * (e) Binders
- (f) Additives
- (g) Precursors
- (h) Technical data

Category VI Vessels of War and Special Naval Equipment

- * (a) Warships, amphibious warfare vessels, landing craft, mine warfare vessels, and patrol vessels
- (b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels
- * (c) Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems
- (d) Harbor entrance detection devices and controls
- * (e) Naval nuclear propulsion plants, their land prototypes, and facilities for their construction, support, and maintenance
- (f) Components, parts, and associated equipment
- (g) Technical data

Category VII Tanks and Military Vehicles

- * (a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment
- * (b) Military tanks, combat engineer vehicles, bridge launching vehicles, half-tracks and gun carriers
- (c) Military trucks, trailers, hoists, and skids specifically designed, modified, or equipped to mount or carry weapons
- * (d) Military recovery vehicles
- * (e) Amphibious vehicles

- *(f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)
- (g) Components, parts, and associated equipment
- (h) Technical data

Category VIII Aircraft and Associated Equipment

- *(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft
- *(b) Military aircraft engines
- *(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment
- (d) Launching and recovery equipment for the articles in (a)
- *(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems
- (f) Developmental aircraft, engines, and components
- *(g) Ground effect machines and components, parts, and associated equipment specifically designed for use with such machines
- (h) Components, parts, and associated equipment
- (i) Technical data

Category IX Military Training Equipment and Training

- (a) Training equipment
- (b) Simulation devices for the items covered by this subchapter
- (c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category
- (d) Components, parts, and associated equipment
- (e) Technical data

Category X Protective Personnel Equipment and Shelters

- (a) Protective personnel equipment
- (b) Permanent or transportable shelters specifically designed and modified to protect against the effect of articles covered by this subchapter
- (c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category
- (d) Components, parts, and associated equipment

(e) Technical data

Category XI Military Electronics

(a) Electronic equipment not included in Category XII. This equipment includes but is not limited to:

* (1) Underwater sound equipment

* (2) Underwater acoustic active and passive countermeasures and counter-countermeasures

(3) Radar systems, with capabilities such as:

* (i) Search

* (ii) Acquisition

* (iii) Tracking

* (iv) Moving target indication

* (v) Imaging radar systems

(vi) Ground air traffic control radar

* (4) Electronic combat equipment

* (5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment

(6) Computers specifically designed for military application and any computer specifically modified for use with any defense article

(7) Any experimental or developmental electronic equipment specifically designed or modified for military application

* (b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance

(c) Components, parts, and associated equipment

(d) Technical data

Category XII Fire Control, Range Finder, Optical and Guidance and Control Equipment

* (a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes

* (b) Lasers

* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and

above military image intensification tubes, and infrared, visible and ultraviolet devices

* (d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros

(e) Components, parts, and associated equipment

(f) Technical data

Category XIII Auxiliary Military Equipment

(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry equipment, and components

(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components

(c) Self-contained diving and underwater breathing apparatus

(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes

(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter

(f) Structural materials

(g) Concealment and deception equipment

(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction

(i) Metal embrittling agents

* (j) Hardware and equipment that is associated with the measurement or modification of system signatures for detection of defense articles

(k) Tooling and equipment specifically designed or modified for the production of articles controlled by this category

(l) Technical data

Category XIV Toxicological Agents, Including Chemical Agents, Biological Agents, and Associated Equipment

- *(a) Chemical agents
- *(b) Biological agents and biologically derived substances
- *(c) Chemical agent binary precursors and key precursors
- (d) Tear gases and riot control agents
- (e) Defoliants
- *(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment
- (g) Antibodies, polynucleoides, biopolymers or biocatalysts specifically designed or modified for use with articles controlled in (f)
- (h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a), and vaccines with the sole purpose of protecting against biological agents identified in (b)
- (i) Modeling or simulation tools specifically designed or modified for chemical or biological weapons design, development or employment
- (j) Test facilities specifically designed or modified for the certification and qualification of articles controlled in (f)
- (k) Components, parts, and associated equipment, exclusive of incinerators, specifically designed or modified for destruction of the chemical agents in (a) or the biological agents in (b)
- (l) Tooling and equipment specifically designed or modified for the production of articles controlled in (f)
- (m) Technical data

Category XV Spacecraft Systems and Associated Equipment

- *(a) Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites
- (b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII
- (c) Global Positioning System (GPS) receiving equipment
- (d) Radiation-hardened microelectronic

(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.

(f) Technical data

Category XVI Nuclear Weapons, Design and Testing Related Items

*(a) Any article, material, equipment, or device which is specifically designed or modified for use in the design, development, or fabrication of nuclear weapons or nuclear explosive devices

*(b) Any article, etc. specifically designed for use in the devising, carrying out, or evaluating of nuclear weapons tests or any other nuclear explosions (including for modeling or simulating the employment of nuclear weapons)

*(c) Nuclear radiation detection and measurement devices

(d) Components, parts and associated equipment specifically designed or modified for the articles in this category

(e) Technical data

Category XVII Classified Articles, Technical Data and Defense Services Not Otherwise Enumerated

(a) All articles, technical data, and defense services which are classified in the interests of national security and which are not otherwise enumerated in the USML

Category XVIII Directed Energy Weapons

*(a) Directed energy weapon systems

*(b) Equipment specifically designed or modified for the detection or identification of, or defense against, articles controlled in (a)

(c) Tooling and equipment specifically designed or modified for the production of defense articles controlled by this category

(d) Test and evaluation equipment and test models specifically designed or modified for the defense articles controlled by this category

(e) Components, parts, and associated equipment specifically designed or modified for the articles in (a) through (d)

(f) Technical data

Category XIX Reserved

**Category XX Submersible Vessels, Oceanographic and Associated
Equipment**

* (a) Submersible vessels, manned or unmanned, tethered or untethered, designed or modified for military purposes, or powered by nuclear propulsion plants

* (b) Swimmer delivery vehicles

(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)

(d) Technical data

Category XXI Miscellaneous Articles

(a) Any article not specifically enumerated in the other categories which has substantial military applicability and which has been specifically designed, developed, etc. for military purposes

(b) Technical data

PART 1
FY 2009 Authorized Defense Articles

<i>Country</i>		Quantity		Value
<i>AFGHANISTAN</i>				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	266	\$	177,620
	* (b) Fully automatic firearms	10	\$	73,157
	(f) Riflescopes	66,004	\$	11,650,155
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	12	\$	4,577
	(h) Components, parts and associated equipment	1,164,582	\$	66,889,208
	(i) Technical data	42	\$	4,081,560
	Category Total	1,230,916	\$	82,876,277
<i>Category II</i>	Guns and Armament			
	* (a) Guns over caliber .50	9	\$	7,200
	(k) Technical data	40	\$	4,072,060
	Category Total	49	\$	4,079,260
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	1,629,945	\$	930,303
	(e) Technical data	31	\$	4,169,560
	Category Total	1,629,976	\$	5,099,863
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	684	\$	18,895

		Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	(c)	13	\$	338,520
		Components, parts and associated equipment	(h)	816	\$	75,118
		Category Total		1,513	\$	432,533
<i>Category VII</i>		Tanks and Military Vehicles				
		Components, parts and associated equipment	(g)	145,222	\$	40,241,228
		Technical data	(h)	2	\$	26,000
		Category Total		145,224	\$	40,267,228
<i>Category VIII</i>		Aircraft and Associated Equipment				
		Military aircraft engines	*(b)	10	\$	15,000,000
		Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	*(e)	18	\$	277,003
		Components, parts and associated equipment	(h)	65,834	\$	401,589,221
		Technical data	(i)	11	\$	1,005,076
		Category Total		65,873	\$	417,871,300
<i>Category IX</i>		Military Training Equipment and Training				
		Training equipment	(a)	320	\$	128,000
		Technical data	(e)	2,531	\$	5,320,560
		Category Total		2,851	\$	5,448,560
<i>Category X</i>		Protective Personnel Equipment and Shelters				
		Protective personnel equipment	(a)	12,410	\$	9,382,499
		Components, parts and associated equipment	(d)	5,033	\$	740,757
		Technical data	(e)	1	\$	1,000
		Category Total		17,444	\$	10,124,256
<i>Category XI</i>		Military Electronics				

	* (a) (4)	Electronic combat equipment	964	\$	252,044,492
		Command, control and communications systems to include radios (transceivers), navigation and identification equipment			
	* (a) (5)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	207	\$	1,508,930
	(a) (6)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	6	\$	27,310,000
	* (b)	Components, parts and associated equipment	436	\$	23,023,159
	(c)	Technical data	57,933	\$	543,919,319
	(d)	Category Total	24	\$	11,400
		Fire Control, Range Finder, Optical and Guidance and Control Equipment	59,570	\$	847,817,300
<i>Category XII</i>		Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes			
	* (a)	Lasers	4	\$	4,881,669
	* (b)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	6,652	\$	56,885,002
	* (c)	Components, parts and associated equipment	451	\$	5,497,814
	(e)	Technical data	226	\$	363,763
	(f)	Category Total	1	\$	20,000
			7,334	\$	67,648,248

<i>Category XIII</i>	Auxiliary Military Equipment			
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	(b)	15	\$ 1,031,480
	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	(e)	81	\$ 150,344
	Concealment and deception equipment	(g)	40,000	\$ 46,840,000
	Category Total		40,096	\$ 48,021,824
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Tear gases and riot control agents	(d)	400	\$ 13,980
<i>Category XIV (continued)</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	*(f)	2,034	\$ 308,245
	Technical data	(m)	1	\$ 100,000
	Category Total		2,435	\$ 422,225
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	(e)	2	\$ 32,964
	Category Total		2	\$ 32,964
<i>Category XVII</i>	Classified Articles, Technical Data and Defense Services Not Otherwise Enumerated			

	All articles, technical data and defense services which are classified in the interests of national security and which are not otherwise enumerated in the USML	2	\$	2,841
(a)				
	Category Total	2	\$	2,841
	Country Total Authorized	3,203,285	\$	1,530,144,679
	Country Total Shipped			

ALBANIA

<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	12	\$	1,800
	Category Total	12	\$	1,800
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(f) Technical data	1	\$	1,000
	Category Total	1	\$	1,000
	Country Total Authorized	13	\$	2,800
	Country Total Shipped			

ALGERIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(c) Firearms and other weapons	2,100	\$	1,480,000
	Category Total	2,100	\$	1,480,000
<i>Category II</i>	Guns and Armament			
	(j) Components, parts and associated equipment	109	\$	144,062
	(k) Technical data	18	\$	1,014
	Category Total	127	\$	145,076
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			

	(i)	Technical data	2	\$	2,000
<i>Category VI</i>		Category Total	2	\$	2,000
		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	15	\$	47,660
<i>Category VIII</i>		Category Total	15	\$	47,660
		Aircraft and Associated Equipment			
	*(b)	Military aircraft engines	11	\$	6,650,785
	*(c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	24	\$	16,628
	(d)	Launching and recovery equipment for the articles in (a)	25	\$	25,876
	(h)	Components, parts and associated equipment	7,383	\$	12,272,651
	(i)	Technical data	13	\$	3,034
<i>Category IX</i>		Category Total	7,456	\$	18,968,974
		Military Training Equipment and Training			
	(e)	Technical data	5	\$	900
<i>Category X</i>		Category Total	5	\$	900
		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	90	\$	240,907
<i>Category XI</i>		Category Total	90	\$	240,907
		Military Electronics			
	*(a)(3)(i)	Search radar systems	4	\$	1,413,620
	(a)(3)(vi)	Ground air traffic control radar systems	61	\$	7,940,480
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	54	\$	1,603,708
	(c)	Components, parts and associated equipment	1,444	\$	11,534,425
	(d)	Technical data	90	\$	143,951

	Category Total	1,653	\$	22,636,184
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Infrared focal plane array detectors; image intensification and other night sighting * (c) equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	1	\$	14,000
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in * (d) Category VIII; astro-compasses and star trackers and military accelerometers and gyros	2	\$	1,980
	(e) Components, parts and associated equipment	604	\$	155,008
	(f) Technical data	3	\$	650
	Category Total	610	\$	171,638
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	310,000	\$	5,850,000
	Components, parts, and associated equipment * (f) specifically designed or modified for military operations and compatibility with military equipment	10,124	\$	212,972
	(m) Technical data	320,124	\$	6,062,972
	Category Total			
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(c) Global positioning System (GPS) receiving equipment	1	\$	1,000
	(f) Technical data	20	\$	1,000
	Category Total	21	\$	2,000
	Country Total Authorized		\$	49,758,311

332,203

Country Total Shipped

ANDORRA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	74	\$	20,408
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	19	\$	4,762
	(h) Components, parts and associated equipment	5	\$	201
	Category Total	98	\$	25,371
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	355,500	\$	87,440
	(d)(3) All other components, parts and associated equipment	10,000	\$	400
	Category Total	365,500	\$	87,840
	Country Total Authorized	365,598	\$	113,211
	Country Total Shipped			

ANGOLA

<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	6	\$	14,166
	Category Total	6	\$	14,166
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	60	\$	185,983
	Category Total	60	\$	185,983
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(e) Components, parts and associated equipment	30	\$	46,112
	Category Total	30	\$	46,112
	Country Total Authorized		\$	246,261

96

Country Total Shipped

ANTARCTICA

<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(f) Technical data	1	\$	65,446
	Category Total	1	\$	65,446
	Country Total Authorized	1	\$	65,446
	<i>Country Total Shipped</i>			

ANTIGUA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi-automatic firearms	56	\$	31,694
	Category Total	56	\$	31,694
<i>Category III</i>	Ammunition/Ordnance			
	*(a) Ammunition/ordnance for Categories I & II articles	30,000	\$	6,000
	Category Total	30,000	\$	6,000
	Country Total Authorized	30,056	\$	37,694
	<i>Country Total Shipped</i>			

ARGENTINA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi-automatic firearms	9,820	\$	2,894,901
	*(c) Firearms and other weapons	30	\$	12,000
	*(g) Barrels, cylinders, receivers and complete breech mechanisms	125	\$	6,624
	(h) Components, parts and associated equipment	3,236	\$	50,443
	(i) Technical data	13,211	\$	2,963,968

	Category Total			
<i>Category II</i>	Guns and Armament			
	* (a) Guns over caliber .50	1	\$	25,000
	Category Total	1	\$	25,000
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	24,447,300	\$	2,494,167
	(c) Tooling and equipment	2	\$	9,600
	(d)(3) All other components, parts and associated equipment	2,261,002	\$	830,909
	(e) Technical data	20	\$	2,000
	Category Total	26,708,324	\$	3,336,676
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h) Components, parts and associated equipment	21	\$	12,685
	(i) Technical data	1	\$	1,700
	Category Total	22	\$	14,385
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a) Explosives	50	\$	2,002
	Category Total	50	\$	2,002
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	1	\$	12,988
	Category Total	1	\$	12,988
<i>Category VII</i>	Tanks and Military Vehicles			
	(c) Military trucks, trailers, hoists and skids specifically designed, modified or equipped to mount or carry weapons	6	\$	186,400
<i>Category VII (continued)</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	10	\$	32,849
	Category Total		\$	219,249

			16		
<i>Category VIII</i>		Aircraft and Associated Equipment			
	* (a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	1	\$	2,000,000
	* (c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	4	\$	4,695
	* (e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	3	\$	32,700
	(h)	Components, parts and associated equipment	3,172	\$	16,168,228
	(i)	Technical data	26	\$	130,603
		Category Total	3,206	\$	18,336,226
<i>Category XI</i>		Military Electronics			
	* (a)(3)(v)	Imaging radar systems	200	\$	10,350
	* (b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	21	\$	428,708
	(c)	Components, parts and associated equipment	8,008	\$	282,283
	(d)	Technical data	1,056	\$	23,320
		Category Total	9,285	\$	744,661
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	2	\$	108,300

<i>Category XII</i> <i>(continued)</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	* <i>(d)</i>	8	\$ 2,179,504
	Components, parts and associated equipment	<i>(e)</i>	1	\$ 6,361
	Technical data	<i>(f)</i>	2	\$ 100
	Category Total		13	\$ 2,294,265
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	* <i>(f)</i>	36,637	\$ 1,316,141
	Category Total		36,637	\$ 1,316,141
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	Radiation-hardened microelectronics	<i>(d)</i>	229	\$ 447,930
	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	<i>(e)</i>	32,033	\$ 6,287,965
	Technical data	<i>(f)</i>	6	\$ 1,610
	Category Total		32,268	\$ 6,737,505
	Country Total Authorized		26,803,034	\$ 36,003,066
	Country Total Shipped			

ARMENIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	130	\$	53,800
	Category Total	130	\$	53,800
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	2	\$	780
	Category Total	2	\$	780
	Country Total Authorized	132	\$	54,580
	<i>Country Total Shipped</i>			

ARUBA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	13	\$	18,335
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	3	\$	1,905
	(h) Components, parts and associated equipment	55	\$	3,210
	Category Total	71	\$	23,450
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	473,000	\$	85,140
	(d)(3) All other components, parts and associated equipment	62,000	\$	3,460
	Category Total	535,000	\$	88,600
	Country Total Authorized	535,071	\$	112,050
	<i>Country Total Shipped</i>			

AUSTRALIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	56,518	\$	22,445,054

	* (b)	Fully automatic firearms	2	\$	43,527
	* (e)	Silencers, mufflers and sound and flash suppressors	27	\$	34,615
	(f)	Riflescopes	396	\$	263,270
<i>Category I (continued)</i>		Firearms, Close Assault Weapons and Combat Shotguns Barrels, cylinders, receivers and complete breech mechanisms	5,254	\$	1,799,741
	* (g)				
	(h)	Components, parts and associated equipment	98,236	\$	9,396,642
	(i)	Technical data	14	\$	65,015
		Category Total	160,447	\$	34,047,864
<i>Category II</i>		Guns and Armament			
	* (a)	Guns over caliber .50	1	\$	38,800
	(j)	Components, parts and associated equipment	115	\$	1,391,957
	(k)	Technical data	5	\$	135,950
		Category Total	121	\$	1,566,707
<i>Category III</i>		Ammunition/Ordnance			
	* (a)	Ammunition/ordnance for Categories I & II articles	107,205,470	\$	44,589,729
	(c)	Tooling and equipment	1	\$	3,210,403
	* (d)(1)	Guidance and control components	590	\$	109,166
	(d)(3)	All other components, parts and associated equipment	296,201,802	\$	25,856,296
	(e)	Technical data	93	\$	152,850
		Category Total	403,407,956	\$	73,918,444
<i>Category IV</i>		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	16	\$	210,640
	* (b)	Launch vehicles and missile and anti-missile systems	3	\$	2,418,600

	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	2,343	\$	4,517,746
	*(f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	331	\$	36,320
<i>Category IV (continued)</i>		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h)	Components, parts and associated equipment	5,409	\$	14,356,021
	(i)	Technical data	410	\$	661,764
		Category Total	8,512	\$	22,201,091
<i>Category V</i>		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(a)	Explosives	3,840	\$	191,370
	(c)	Pyrotechnics, fuels and related substances	2,199	\$	354,140
	(d)	Oxidizers	478	\$	37,590
		Category Total	6,517	\$	583,100
<i>Category VI</i>		Vessels of War and Special Naval Equipment			
	*(c)	Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems	1	\$	5,000,000
	(f)	Components, parts and associated equipment	5,213	\$	28,424,247
	(g)	Technical data	119	\$	2,111,735
		Category Total	5,333	\$	35,535,982
<i>Category VII</i>		Tanks and Military Vehicles			

	* (a)	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	1	\$	650,000
	(c)	Military trucks, trailers, hoists and skids specifically designed, modified or equipped to mount or carry weapons	1	\$	97,000
	* (f)	Engines specifically designed or modified for the vehicles in (a), (b) and (e)	10	\$	333,910
	(g)	Components, parts and associated equipment	2,459	\$	14,236,800
	(h)	Technical data	138	\$	2,826,378
		Category Total	2,609	\$	18,144,088
<i>Category VIII</i>		Aircraft and Associated Equipment			
	* (a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	5	\$	520,661,260
	* (b)	Military aircraft engines	1	\$	20,000,000
	* (c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	1,505	\$	335,826
	* (e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	417	\$	2,250,050
	(h)	Components, parts and associated equipment	704,838	\$	219,125,823
	(i)	Technical data	4,010	\$	2,429,937
		Category Total	710,776	\$	764,802,896
<i>Category IX</i>		Military Training Equipment and Training			
	(a)	Training equipment	247	\$	1,560,369
	(b)	Simulation devices for the items covered by this subchapter	137	\$	1,217,479
	(c)	Tooling and equipment	12	\$	6,336

	(d)	Components, parts and associated equipment	4,317	\$	5,262,412
	(e)	Technical data	157	\$	333,769
		Category Total	4,870	\$	8,380,365
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	89	\$	136,868
	(b)	Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	14	\$	2,113,387
	(d)	Components, parts and associated equipment	190	\$	43,736
	(e)	Technical data	20	\$	291,961
		Category Total	313	\$	2,585,952
<i>Category XI</i>		Military Electronics			
	* (a)(2)	Underwater acoustic active and passive countermeasures and counter-countermeasures	1,652	\$	1,627,940
	* (a)(3)(i)	Search radar systems	6	\$	21,107,098
<i>Category XI (continued)</i>		Military Electronics			
	* (a)(3)(iii)	Tracking radar systems	9	\$	55,512
	(a)(3)(vi)	Ground air traffic control radar systems	50	\$	130,000,000
	* (a)(4)	Electronic combat equipment	30,067	\$	29,408,942
	* (a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	390	\$	12,469,364
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	42	\$	6,633,295
	(a)(7)	Any experimental or developmental electronic equipment specifically designed or modified for military application	23	\$	17,500

	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	1,942	\$	63,786,731
	(c) Components, parts and associated equipment	211,478	\$	266,695,581
	(d) Technical data	3,850	\$	3,351,894
	Category Total	249,509	\$	535,153,857
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	245	\$	3,862,840
	(b) Lasers	616	\$	582,467
<i>Category XII (continued)</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	21,951	\$	21,029,515
	(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	267	\$	1,226,030
	(e) Components, parts and associated equipment	6,809	\$	18,736,730
	(f) Technical data	1,232	\$	513,649

	Category Total	31,120	\$	45,951,231
<i>Category XIII</i>	Auxiliary Military Equipment			
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	(b) 15,290	\$	5,815,397
	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	(e) 83	\$	230,758
	Structural materials	(f) 14	\$	46,675
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	(h) 6,184	\$	1,311,902
	Technical data	(l) 18	\$	175,074
	Category Total	21,589	\$	7,579,806
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Tear gases and riot control agents	(d) 3,889	\$	80,583
<i>Category XIV (continued)</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	*(f) 3,018	\$	1,218,034
	Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a) and vaccines with the sole purpose of protecting against biological agents identified in (b)	(h) 9,224	\$	154,482
	Modeling or simulation tools specifically designed or modified for chemical or biological weapons design, development or employment	(i) 1	\$	5,000

	(m)	Technical data	6	\$	1,996
		Category Total	16,138	\$	1,460,095
<i>Category XV</i>		Spacecraft Systems and Associated Equipment			
	* (a)	Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites	1	\$	56,000,000
	(b)	Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	254	\$	107,656,870
	(c)	Global positioning System (GPS) receiving equipment	54	\$	59,341
	(d)	Radiation-hardened microelectronics	1	\$	20,000
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	456	\$	14,714,263
<i>Category XV (continued)</i>		Spacecraft Systems and Associated Equipment			
	(f)	Technical data	1,025	\$	889,500
		Category Total	1,791	\$	179,339,974
<i>Category XX</i>		Submersible Vessels, Oceanographic and Associated Equipment			
	* (a)	Submersible vessels, manned or unmanned, tethered or untethered, designed or modified for military purposes, or powered by nuclear propulsion plants	2	\$	1,372,084
	(c)	Components, parts and associated equipment	55	\$	254,296
	(d)	Technical data	9	\$	29,591
		Category Total	66	\$	1,655,971

<i>Category XXI</i>	Miscellaneous Articles			
	(b) Technical data	1	\$	100
	Category Total	1	\$	100
	Country Total Authorized	404,627,668	\$	1,732,907,523
	<i>Country Total Shipped</i>			

AUSTRIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi-automatic firearms	2,660	\$	1,003,831
	*(g) Barrels, cylinders, receivers and complete breech mechanisms	1,344	\$	293,368
	(h) Components, parts and associated equipment	1,680	\$	57,075
	(i) Technical data	5,684	\$	1,354,274
	Category Total			
<i>Category III</i>	Ammunition/Ordnance			
	*(a) Ammunition/ordnance for Categories I & II articles	2,268,900	\$	757,093
<i>Category III (continued)</i>	Ammunition/Ordnance			
	(d)(3) All other components, parts and associated equipment	2,940,545	\$	775,556
	Category Total	5,209,445	\$	1,532,649
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h) Components, parts and associated equipment	5	\$	961
	(i) Technical data	111	\$	6,050
	Category Total	116	\$	7,011
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(a) Explosives	200	\$	18,700

	(c)	Pyrotechnics, fuels and related substances	22	\$	59
		Category Total	222	\$	18,759
<i>Category VI</i>		Vessels of War and Special Naval Equipment			
	(g)	Technical data	2	\$	1,001
		Category Total	2	\$	1,001
<i>Category VII</i>		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	33	\$	1,014,917
	(h)	Technical data	9	\$	6,801
		Category Total	42	\$	1,021,718
<i>Category VIII</i>		Aircraft and Associated Equipment			
	* (a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	1	\$	1,250,000
	(h)	Components, parts and associated equipment	915	\$	12,198,530
	(i)	Technical data	8	\$	323,127
		Category Total	924	\$	13,771,657
<i>Category IX</i>		Military Training Equipment and Training			
	(e)	Technical data	1	\$	1
		Category Total	1	\$	1
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	15	\$	638
<i>Category X (continued)</i>		Protective Personnel Equipment and Shelters			
	(d)	Components, parts and associated equipment	642	\$	63,485
	(e)	Technical data	1	\$	100
		Category Total	658	\$	64,223
<i>Category XI</i>		Military Electronics			

	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	* (b)	3	\$	4,520
	Components, parts and associated equipment	(c)	1,691	\$	585,437
	Technical data	(d)	5	\$	1,221
	Category Total		1,699	\$	591,178
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment				
	Lasers	* (b)	6	\$	8,097
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	* (c)	516	\$	272,022
	Components, parts and associated equipment	(e)	155	\$	153,067
	Technical data	(f)	95	\$	45,201
	Category Total		772	\$	478,387
<i>Category XIII</i>	Auxiliary Military Equipment				
	Technical data	(l)	1	\$	1
	Category Total		1	\$	1
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment				
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	* (f)	60	\$	18,203
	Category Total		60	\$	18,203
<i>Category XV</i>	Spacecraft Systems and Associated Equipment				

	(c)	Global positioning System (GPS) receiving equipment	1	\$	55,000
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	67	\$	57,864
	(f)	Technical data	1	\$	1
		Category Total	69	\$	112,865
<i>Category XVIII</i>		Directed Energy Weapons			
	(f)	Technical data	1	\$	1
		Category Total	1	\$	1
<i>Category XX</i>		Submersible Vessels, Oceanographic and Associated Equipment			
	(d)	Technical data	1	\$	1
		Category Total	1	\$	1
<i>Category XXI</i>		Miscellaneous Articles			
	(b)	Technical data	1	\$	1
		Category Total	1	\$	1
		Country Total Authorized	5,219,698	\$	18,971,930
		Country Total Shipped			

AZERBAIJAN

<i>Category VII</i>		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	160	\$	572,000
		Category Total	160	\$	572,000
<i>Category XI</i>		Military Electronics			
	(c)	Components, parts and associated equipment	2,768	\$	1,794,419
		Category Total	2,768	\$	1,794,419
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			

(e)	Components, parts and associated equipment	3	\$	33,650
	Category Total	3	\$	33,650

<i>Country</i>		Quantity		Value
AZERBAIJAN				
<i>(Continued)</i>				
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	10	\$	480,000
	(m) Technical data	10	\$	1,000
	Category Total	20	\$	481,000
	Country Total Authorized	2,951	\$	2,881,069
	Country Total Shipped			

BAHAMAS

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	371	\$	154,310
	(h) Components, parts and associated equipment	200	\$	2,965
	Category Total	571	\$	157,275
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	262,600	\$	27,058
	Category Total	262,600	\$	27,058
<i>Category VI</i>	Vessels of War and Special Naval Equipment			

(b)	Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	1	\$	188,095
	Category Total	1	\$	188,095

<i>Country</i>		Quantity		Value
BAHAMAS <i>(Continued)</i>				
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	50	\$	7,750
	Category Total	50	\$	7,750
	Country Total Authorized	263,222	\$	380,178
	<i>Country Total Shipped</i>			

BAHRAIN

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	(a) Nonautomatic and semi- automatic firearms	4	\$	3,661
	(h) Components, parts and associated equipment	300	\$	113,538
	Category Total	304	\$	117,199
<i>Category II</i>	Guns and Armament			

	(k)	Technical data	1	\$	100
		Category Total	1	\$	100
<i>Category III</i>		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	105,043	\$	801,839
	(d)(3)	All other components, parts and associated equipment	12	\$	1,078
		Category Total	105,055	\$	802,917
<i>Category VII</i>		Tanks and Military Vehicles			
	(h)	Technical data	2	\$	1,000
		Category Total	2	\$	1,000
<i>Category VIII</i>		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	4	\$	46,764,614

<i>Country</i>			Quantity		Value
BAHRAIN					
(Continued)					
<i>Category VIII</i>		Aircraft and Associated Equipment			
<i>(continued)</i>					
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	12	\$	363,684
	(h)	Components, parts and associated equipment	1,687	\$	17,011,882
	(i)	Technical data	4	\$	10,550
		Category Total	1,707	\$	64,150,730
<i>Category IX</i>		Military Training Equipment and Training			
	(a)	Training equipment	14	\$	56,000
	(b)	Simulation devices for the items covered by this	1	\$	27,500

		subchapter	
	(d)	Components, parts and associated equipment	8 \$ 13,082
		Category Total	23 \$ 96,582
<i>Category X</i>		Protective Personnel Equipment and Shelters	
	(a)	Protective personnel equipment	4 \$ 600
	(d)	Components, parts and associated equipment	30 \$ 5,469
		Category Total	34 \$ 6,069
<i>Category XI</i>		Military Electronics	
	* (a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	52 \$ 2,596,080
	(c)	Components, parts and associated equipment	1,609 \$ 15,491,972
	(d)	Technical data	2,403 \$ 171,200
		Category Total	4,064 \$ 18,259,252
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment	
	* (c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	22 \$ 148,931

<i>Country</i>		Quantity	Value
BAHRAIN			
<i>(Continued)</i>			
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment	
<i>(continued)</i>	(e)	Components, parts and associated equipment	363 \$ 5,208,381
	(f)	Technical data	1 \$ 10
		Category Total	\$ 5,357,322

			386	
<i>Category XIII</i>	Auxiliary Military Equipment			
	Military Information Security			
	Assurances Systems and			
	(b) equipment, cryptographic			
	devices, software and			
	components	10	\$	7,688
	Category Total	10	\$	7,688
	Country Total Authorized	111,586	\$	88,798,859
	Country Total Shipped			

BANGLADESH

<i>Category I</i>	Firearms, Close Assault			
	Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-			
	automatic firearms	37	\$	15,287
	* (g) Barrels, cylinders, receivers			
	and complete breech			
	mechanisms	1	\$	350
	(h) Components, parts and			
	associated equipment	40	\$	1,400
	Category Total	78	\$	17,037
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for			
	Categories I & II articles	100,000	\$	14,000
	* (d)(2) Safing, arming and fuzing			
	components	6,000	\$	30,780
	Category Total	106,000	\$	44,780
<i>Category VIII</i>	Aircraft and Associated			
	Equipment			
	(h) Components, parts and			
	associated equipment	476	\$	1,330,667
	(i) Technical data	2	\$	2,100
	Category Total	478	\$	1,332,767
<i>Category IX</i>	Military Training Equipment			
	and Training			
	(e) Technical data	4	\$	2,000
	Category Total	4	\$	2,000

<i>Country</i>		Quantity		Value
BANGLADESH				
(Continued)				
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	81	\$	89,385
	(d) Components, parts and associated equipment	290	\$	13,322
	Category Total	371	\$	102,707
<i>Category XI</i>	Military Electronics			
	(a)(3)(vi) Ground air traffic control radar systems	6	\$	59,993
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	17	\$	212,335
	(c) Components, parts and associated equipment	11,500	\$	666,026
	(d) Technical data	17	\$	2,800
	Category Total	11,540	\$	941,154
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	20	\$	60,000
	Category Total	20	\$	60,000
	Country Total Authorized	118,491	\$	2,500,445
	Country Total Shipped			
BARBADOS				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi- automatic firearms	32	\$	20,633

<i>Category III</i>	Category Total	32	\$	20,633
	Ammunition/Ordnance			
	*(a) Ammunition/ordnance for Categories I & II articles	1,219,720	\$	203,218
	Category Total	1,219,720	\$	203,218

<i>Country</i>		Quantity		Value
BARBADOS <i>(Continued)</i>				
<i>Category XI</i>	Military Electronics			
	(d) Technical data	1	\$	100
	Category Total	1	\$	100
	Country Total Authorized	1,219,753	\$	223,951
	<i>Country Total Shipped</i>			

BELGIUM

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi-automatic firearms	25,867	\$	14,326,195
	(f) Riflescopes	1	\$	841
	*(g) Barrels, cylinders, receivers and complete breech mechanisms	3,678	\$	577,905
	(h) Components, parts and associated equipment	95,940	\$	2,623,908
	Category Total	125,486	\$	17,528,849
<i>Category II</i>	Guns and Armament			
	*(a) Guns over caliber .50	1	\$	250,000
	(g) Tooling and equipment	1	\$	8,995
	(j) Components, parts and associated equipment	61	\$	143,633
	(k) Technical data	30	\$	150
	Category Total	93	\$	402,778
<i>Category III</i>	Ammunition/Ordnance			

		192,115		
<i>Category VIII</i>	Aircraft and Associated Equipment			
	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	18	\$	61,727
	(h) Components, parts and associated equipment	490,163	\$	113,121,315
	(i) Technical data	5	\$	35,275
	Category Total	490,186	\$	113,218,317
<i>Category IX</i>	Military Training Equipment and Training			
	(a) Training equipment	3	\$	403,200
	(b) Simulation devices for the items covered by this subchapter	2	\$	462,414
	(d) Components, parts and associated equipment	11	\$	39,924
	(e) Technical data	161	\$	580
	Category Total	177	\$	906,118
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	354	\$	33,480
	(d) Components, parts and associated equipment	126	\$	7,327
	Category Total	480	\$	40,807
<i>Category XI</i>	Military Electronics			
	*(a)(4) Electronic combat equipment	7,500	\$	589,230
	Country		Quantity	Value
	BELGIUM			
	(Continued)			
<i>Category XI</i>	Military Electronics			
<i>(continued)</i>	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	5	\$	355,894
	*(a)(5)			

	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	1	\$	10,000
	* (b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	18	\$	47,150
	(c)	Components, parts and associated equipment	9,502	\$	2,841,787
	(d)	Technical data	9	\$	801,003
		Category Total	17,035	\$	4,645,064
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (a)	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	2	\$	17,500
	* (b)	Lasers	1	\$	1,100
	* (c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	2	\$	19,500

<i>Country</i>	Quantity	Value
<i>BELGIUM</i> <i>(Continued)</i>		

*Category XII
(continued)*

Fire Control, Range Finder,
Optical and Guidance and
Control Equipment

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	3	\$	82,945
*(d)				
(e)	Components, parts and associated equipment	3,068	\$	426,304
(f)	Technical data	4	\$	350
	Category Total	3,080	\$	547,699

Category XIII

Auxiliary Military Equipment

	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	6	\$	10,632
(b)				
(c)	Self-contained diving and underwater breathing apparatus	216	\$	12,518
(g)	Concealment and deception equipment	7,500	\$	36,075
(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	1	\$	53,892
	Category Total	7,723	\$	113,117

Category XIV

Toxicological Agents,
Including Chemical Agents,
Biological Agents and
Associated Equipment

	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	10,000	\$	24,800
*(f)				
(i)	Modeling or simulation tools specifically designed or modified for chemical or biological weapons design, development or employment	1	\$	1
	Category Total	10,001	\$	24,801

<i>Country</i>		Quantity		Value
BELGIUM				
<i>(Continued)</i>				
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(d) Radiation-hardened microelectronics	100	\$	17,300
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	72	\$	1,874,849
	Category Total	172	\$	1,892,149
	Country Total Authorized	78,596,674	\$	159,101,236
	Country Total Shipped			
 BELIZE				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi-automatic firearms	219	\$	368,795
	Category Total	219	\$	368,795
<i>Category III</i>	Ammunition/Ordnance			
	*(a) Ammunition/ordnance for Categories I & II articles	10,000	\$	2,000
	Category Total	10,000	\$	2,000
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(d) Components, parts and associated equipment	400	\$	41,280
	Category Total	400	\$	41,280
	Country Total Authorized	10,619	\$	412,075
	Country Total Shipped			

BERMUDA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	50	\$	21,700
	(h) Components, parts and associated equipment	1,200	\$	9,604
	Category Total	1,250	\$	31,304
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i) Technical data	50	\$	500
	Category Total	50	\$	500
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(g) Technical data	1	\$	20,000
	Category Total	1	\$	20,000
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	1	\$	7,740
	Category Total	1	\$	7,740
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	1,646	\$	13,351
	Category Total	1,646	\$	13,351
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	1	\$	1,000,000
	Category Total	1	\$	1,000,000

Country Total Authorized	2,949	\$	1,072,895
Country Total Shipped			

BHUTAN

<i>Category X</i>	Protective Personnel Equipment and Shelters			
(a)	Protective personnel equipment	1	\$	2,100
	Category Total	1	\$	2,100
	Country Total Authorized	1	\$	2,100
	Country Total Shipped			

Country

Quantity

Value

BOLIVIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
(h)	Components, parts and associated equipment	550	\$	1,161
	Category Total	550	\$	1,161
<i>Category VIII</i>	Aircraft and Associated Equipment			
(h)	Components, parts and associated equipment	1,171	\$	41,896
(i)	Technical data	2	\$	1,100
	Category Total	1,173	\$	42,996
<i>Category X</i>	Protective Personnel Equipment and Shelters			
(d)	Components, parts and associated equipment	198	\$	15,700
	Category Total	198	\$	15,700
<i>Category XI</i>	Military Electronics			
(c)	Components, parts and associated equipment	1	\$	2,880
(d)	Technical data	400	\$	168,000

<i>Category XII</i>	Category Total	401	\$	170,880
	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(e) Components, parts and associated equipment	14	\$	3,121
	Category Total	14	\$	3,121
	Country Total Authorized	2,336	\$	233,858
	Country Total Shipped			

**BOSNIA
HERZEGOVINA**

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi- automatic firearms	61	\$	46,586
	(h) Components, parts and associated equipment	5	\$	300
	Category Total	66	\$	46,882

Country

Quantity

Value

**BOSNIA
HERZEGOVINA
(Continued)**

<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	146	\$	146,000
	Category Total	146	\$	146,000
<i>Category VII</i>	Tanks and Military Vehicles			
	(h) Technical data	1	\$	500

<i>Category X</i>	Category Total	1	\$	500
	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	25	\$	3,750
	Category Total	25	\$	3,750
	Country Total Authorized	238	\$	197,132
	<i>Country Total Shipped</i>			

BOTSWANA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	20	\$	9,928
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	80	\$	21,979
	(h) Components, parts and associated equipment	93	\$	10,707
<i>Category III</i>	Category Total	193	\$	42,614
	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	41,100	\$	56,271
	Category Total	41,100	\$	56,271
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a) Explosives	2	\$	2,170
	Category Total	2	\$	2,170

Country

Quantity

Value

**BOTSWANA
(Continued)**

<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	1	\$	113
	Category Total	1	\$	113

<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	470	\$	6,956,532
	(i) Technical data	11	\$	519
	Category Total	481	\$	6,957,051
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	22	\$	21,213
	Category Total	22	\$	21,213
<i>Category XI</i>	Military Electronics			
	* (a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	6	\$	336,666
	(c) Components, parts and associated equipment	17	\$	156,190
	(d) Technical data	400	\$	168,000
	Category Total	423	\$	660,856
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	7	\$	98,427
	Category Total	7	\$	98,427
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	1,000	\$	21,500
	Category Total	1,000	\$	21,500

<i>Country</i>		Quantity		Value
BOTSWANA				
(Continued)				
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(c) Global positioning System (GPS) receiving equipment	12	\$	10,644
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	12	\$	420
	(f) Technical data	12	\$	2,028
	Category Total	36	\$	13,092
	Country Total Authorized	43,265	\$	787,307
	Country Total Shipped			
 BRAZIL				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi-automatic firearms	671	\$	621,108
	*(b) Fully automatic firearms	93	\$	159,284
	(f) Riflescopes	24	\$	15,886
	*(g) Barrels, cylinders, receivers and complete breech mechanisms	434	\$	147,971
	(h) Components, parts and associated equipment	104,089	\$	199,439
	(i) Technical data	1	\$	400
	Category Total	105,312	\$	1,144,088
<i>Category II</i>	Guns and Armament			
	*(a) Guns over caliber .50	31	\$	621,447
	(c) Devices for launching or delivering ordnance	1	\$	3,000,000

	(j)	Components, parts and associated equipment	1	\$	2,800
	(k)	Technical data	37	\$	280
		Category Total	70	\$	3,624,527
<i>Category III</i>		Ammunition/Ordnance			
	* (a)	Ammunition/ordnance for Categories I & II articles	8,738,680	\$	3,660,776
	(c)	Tooling and equipment	19	\$	3,385
	* (d) (1)	Guidance and control components	2,274	\$	2,391
	(d) (3)	All other components, parts and associated equipment	3,404,033	\$	249,002
		Country			
					Quantity
					Value
		BRAZIL			
		(Continued)			
<i>Category III</i>		Ammunition/Ordnance			
<i>(continued)</i>	(e)	Technical data	42	\$	58,350
		Category Total	12,145,048	\$	3,973,904
<i>Category IV</i>		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	50	\$	36,002
	(h)	Components, parts and associated equipment	1,056	\$	232,891
	(i)	Technical data	16	\$	13,100
		Category Total	1,122	\$	281,993
<i>Category V</i>		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a)	Explosives	240	\$	11,792
	* (b)	Propellants	60	\$	21,835
	(c)	Pyrotechnics, fuels and related substances	630	\$	4,590

	(d)	Components, parts and associated equipment	21	\$	73,628
	(e)	Technical data	9	\$	95,088
		Category Total	56	\$	380,431
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	1,271	\$	168,027
	(c)	Tooling and equipment	4	\$	3,240
	(d)	Components, parts and associated equipment	411	\$	77,844
		Category Total	1,686	\$	249,111
<i>Category XI</i>		Military Electronics			
	*(a)(1)	Underwater sound equipment	3	\$	17,080
	*(a)(3)(iii)	Tracking radar systems	120	\$	31,200
	*(a)(3)(v)	Imaging radar systems	6	\$	85,790
	(a)(3)(vi)	Ground air traffic control radar systems	50	\$	7,267,796
	*(a)(4)	Electronic combat equipment	4	\$	8,240
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	1,408	\$	4,124,768
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	52	\$	105,300
	(a)(7)	Any experimental or developmental electronic equipment specifically designed or modified for military application	24	\$	105,628

Country

Quantity

Value

BRAZIL
(Continued)

Category XI
(continued)

Military Electronics

	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	42	\$	1,352,663
	(c) Components, parts and associated equipment	10,156	\$	14,584,617
	(d) Technical data	170	\$	131,997
	Category Total	12,035	\$	27,815,079
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	5	\$	143,000
	(b) Lasers	3	\$	2,580
	(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	251	\$	7,511,865
	(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	23	\$	1,397,874
	(e) Components, parts and associated equipment	1,501	\$	3,448,163
	(f) Technical data	179	\$	23,678
	Category Total	1,962	\$	12,527,160

<i>Country</i>		Quantity	Value
BRAZIL (Continued)			
<i>Category XIII</i>	Auxiliary Military Equipment		
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	3	\$ 11,550
	(b)		
	(c) Self-contained diving and underwater breathing apparatus	142	\$ 278,577
	(e) Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	9	\$ 88,000
	(k) Tooling and equipment	1	\$ 8,628
	Category Total	155	\$ 386,755
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	36	\$ 4,950
	*(f)		
	Category Total	36	\$ 4,950
<i>Category XV</i>	Spacecraft Systems and Associated Equipment		
	(c) Global positioning System (GPS) receiving equipment	20	\$ 366,876
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	42	\$ 228,487
	(f) Technical data	9	\$ 20,143
	Category Total	71	\$ 615,506
<i>Category XVI</i>	Nuclear Weapons, Design and Testing Related Items		

* (c)	Nuclear radiation detection and measurement devices	3	\$	405
	Category Total	3	\$	405

<i>Country</i>		Quantity		Value
BRAZIL				
<i>(Continued)</i>				
<i>Category XXI</i>	Miscellaneous Articles			
	Any article not specifically enumerated in the other categories which has substantial military applicability and which has been specifically designed, developed, etc. for military purposes			
	(a)	7	\$	2,919
	Category Total	7	\$	2,919
	Country Total Authorized	12,322,241	\$	122,957,263
	<i>Country Total Shipped</i>			

BRITISH VIRGIN ISLANDS

Country Total Authorized	-	\$	-
<i>Country Total Shipped</i>			

BRUNEI

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	3	\$	807
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	210	\$	28,894
	(h) Components, parts and associated equipment	7,575	\$	115,502
	Category Total	7,788	\$	145,203
<i>Category III</i>	Ammunition/Ordnance			

		4		
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (b) Military aircraft engines	20	\$	2,527,010
	(h) Components, parts and associated equipment	240	\$	13,712,887
	(i) Technical data	2	\$	5,500
	Category Total	262	\$	16,245,397
<i>Category XI</i>	Military Electronics			
	* (a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	22	\$	446,864
	* (b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	3	\$	2,942,217
	(c) Components, parts and associated equipment	95	\$	1,260,561
	(d) Technical data	11	\$	508
	Category Total	131	\$	4,650,150

Country

Quantity

Value

**BRUNEI
(Continued)**

<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	1	\$	6,200

	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	1	\$	984,859
	* (c)			
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	12	\$	20,827
	* (d)			
	Components, parts and associated equipment	92	\$	157,000
	(e)			
	Technical data	1	\$	50
	(f)			
	Category Total	107	\$	1,168,936
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	600	\$	110,994
	* (f)			
	Category Total	600	\$	110,994
	Country Total Authorized	311,441	\$	22,506,879
	Country Total Shipped			

<i>Country</i>		Quantity		Value
BULGARIA				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	2,329	\$	1,039,552

		Barrels, cylinders, receivers and complete breech mechanisms	15	\$	3,325
	(g)				
	(h)	Components, parts and associated equipment	581	\$	9,177
		Category Total	2,925	\$	1,052,054
<i>Category II</i>		Guns and Armament			
	(k)	Technical data	1	\$	1,000
		Category Total	1	\$	1,000
<i>Category III</i>		Ammunition/Ordnance			
	(a)	Ammunition/ordnance for Categories I & II articles	615,350	\$	107,543
		Category Total	615,350	\$	107,543
<i>Category IV</i>		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h)	Components, parts and associated equipment	10,000	\$	12,600
	(i)	Technical data	110	\$	2,000
		Category Total	10,110	\$	14,600
<i>Category VI</i>		Vessels of War and Special Naval Equipment			
	(g)	Technical data	2	\$	200
		Category Total	2	\$	200
<i>Category VII</i>		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	719	\$	805,269
	(h)	Technical data	20	\$	10,000
		Category Total	739	\$	815,269
<i>Category VIII</i>		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	125	\$	1,969,401
	(i)	Technical data	31	\$	2,750
		Category Total	156	\$	1,972,151
<i>Category IX</i>		Military Training Equipment and Training			
	(c)	Tooling and equipment	1	\$	328

(d)	Components, parts and associated equipment	98	\$	66,696
	Category Total	99	\$	67,024

<i>Country</i>		Quantity		Value
BULGARIA <i>(Continued)</i>				
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	7	\$	15,722
	Category Total	7	\$	15,722
<i>Category XI</i>	Military Electronics			
	* (a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	4	\$	272,979
	* (b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	104	\$	1,616,752
	(c) Components, parts and associated equipment	470	\$	653,392
	(d) Technical data	1,033	\$	4,640
	Category Total	1,611	\$	2,547,763
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	25	\$	1,495,061

BURKINA FASO

<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (b) Launch vehicles and missile and anti-missile systems	2	\$	2,520
	Category Total	2	\$	2,520
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	30	\$	578
	Category Total	30	\$	578
	Country Total Authorized	32	\$	3,098
	Country Total Shipped			

BURUNDI

Country Total Authorized	-	\$	-
Country Total Shipped			

Country	Quantity	Value
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CAMBODIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	689	\$	283,309
	(h) Components, parts and associated equipment	390	\$	20,180
	Category Total	1,079	\$	303,489
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	17,000	\$	7,650
	Category Total	17,000	\$	7,650

Country Total Authorized	18,079	\$	311,139
Country Total Shipped			

CAMEROON

Category VIII

Aircraft and Associated Equipment

* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	1	\$	9,678
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(h) Components, parts and associated equipment	9	\$	2,128,675
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Category Total	10	\$	2,138,353
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Category XI

Military Electronics

(c) Components, parts and associated equipment	1	\$	530
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(d) Technical data	100	\$	5,000
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Category Total	101	\$	5,530
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Country Total Authorized	111	\$	2,143,883
Country Total Shipped			

CANADA

Category I

Firearms, Close Assault Weapons and Combat Shotguns

* (a) Nonautomatic and semi-automatic firearms	247,895	\$	103,505,879
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* (c) Firearms and other weapons	1,800	\$	2,696,615
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* (d) Combat shotguns	27,012	\$	188,276
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* (e) Silencers, mufflers and sound and flash suppressors	1,454	\$	613,305
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Country

Quantity

Value

**CANADA
(Continued)**

*Category I
(continued)*

Firearms, Close Assault Weapons and Combat Shotguns

	(f)	Riflescopes	380	\$	225,632
	* (g)	Barrels, cylinders, receivers and complete breech mechanisms	34,004	\$	4,128,929
	(h)	Components, parts and associated equipment	3,671,844	\$	17,905,367
	(i)	Technical data	311	\$	72,727
		Category Total	3,984,700	\$	129,336,730
<i>Category II</i>		Guns and Armament			
	(j)	Components, parts and associated equipment	7,918	\$	5,492,063
	(k)	Technical data	20	\$	4,700
		Category Total	7,938	\$	5,496,763
<i>Category III</i>		Ammunition/Ordnance			
	* (a)	Ammunition/ordnance for Categories I & II articles	339,302,182	\$	69,558,546
	* (d)(1)	Guidance and control components	1,539,031	\$	1,372,858
	* (d)(2)	Safing, arming and fuzing components	129,918	\$	1,180,955
	(d)(3)	All other components, parts and associated equipment	246,249,238	\$	28,192,454
	(e)	Technical data	75	\$	16,235
		Category Total	587,220,444	\$	100,321,048
<i>Category IV</i>		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	25,999	\$	7,033,911
	* (b)	Launch vehicles and missile and anti-missile systems	1	\$	104,000
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	155	\$	71,660

	* (f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	68	\$	997,235
Country		Quantity		Value
CANADA (Continued)				
<i>Category IV</i> <i>(continued)</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h) Components, parts and associated equipment	152,561	\$	6,458,918
	(i) Technical data	262	\$	119,128
	Category Total	179,046	\$	14,784,852
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a) Explosives	19,652	\$	785,303
	* (b) Propellants	209,264	\$	3,056,897
	(c) Pyrotechnics, fuels and related substances	26,662	\$	323,748
	(d) Oxidizers	1,000	\$	8,790
	* (e) Binders	32,560	\$	273,105
	(f) Additives	470	\$	182,700
	(h) Technical data	2	\$	200
	Category Total	289,610	\$	4,630,743
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	5,571	\$	102,678,724
	(g) Technical data	129	\$	1,186,712
	Category Total	5,700	\$	103,865,436
<i>Category VII</i>	Tanks and Military Vehicles			

* (a)	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	15	\$	9,675,350
(c)	Military trucks, trailers, hoists and skids specifically designed, modified or equipped to mount or carry weapons	3	\$	3,182
* (f)	Engines specifically designed or modified for the vehicles in (a), (b) and (e)	18	\$	588,510
(g)	Components, parts and associated equipment	227,549	\$	249,382,700
(h)	Technical data	663	\$	11,714,631
	Category Total	228,248	\$	271,364,373

Country

Quantity

Value

**CANADA
(Continued)**

Category VIII

Aircraft and Associated Equipment

* (a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	2	\$	288,651
* (b)	Military aircraft engines	2	\$	35,600
* (c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	2	\$	50,629
* (e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	52	\$	726,727
(h)	Components, parts and associated equipment	959,600	\$	104,371,072
(i)	Technical data	6,111	\$	4,115,420
	Category Total	965,769	\$	109,588,099

Category IX

Military Training Equipment and Training

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	* (d)	2,264	\$	19,667,393
	Components, parts and associated equipment	(e)	75,653	\$	24,149,046
	Technical data	(f)	293	\$	1,254,399
	Category Total		122,670	\$	103,264,585
<i>Category XIII</i>	Auxiliary Military Equipment				
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	(b)	774	\$	403,622
	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	(d)	1	\$	100,000
	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	(e)	479	\$	2,977,269
	Concealment and deception equipment	(g)	33	\$	203,899
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	(h)	255	\$	5,942,983
	Technical data	(l)	58	\$	1,150,141
	Category Total		1,600	\$	10,777,914
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment				
	Tear gases and riot control agents	(d)	95,773	\$	3,592,408

<i>Country</i>		Quantity	Value
CANADA (Continued)			
<i>Category XIV</i> <i>(continued)</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	Components, parts, and associated equipment *(f) specifically designed or modified for military operations and compatibility with military equipment	23,165	\$ 955,106
	(l) Tooling and equipment	26	\$ 3,201
	(m) Technical data	76	\$ 194,204
	Category Total	119,040	\$ 4,744,919
<i>Category XV</i>	Spacecraft Systems and Associated Equipment		
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	74	\$ 7,965,679
	(c) Global positioning System (GPS) receiving equipment	13	\$ 67,748
	(d) Radiation-hardened microelectronics	121	\$ 62,523
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	1,648	\$ 13,962,279
	(f) Technical data	3,094	\$ 1,699,827
	Category Total	4,950	\$ 23,758,056
<i>Category XVI</i>	Nuclear Weapons, Design and Testing Related Items		
	(e) Technical data	37	\$ 6,500
	Category Total	37	\$ 6,500

<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment			
	(c) Components, parts and associated equipment	5	\$	2,448
	(d) Technical data	2	\$	101
	Category Total	7	\$	2,549
	Country Total Authorized	593,235,449	\$	990,949,983
	Country Total Shipped			

<i>Country</i>		Quantity		Value
CAPE VERDE, REPUBLIC OF				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	1	\$	450
	Category Total	1	\$	450
	Country Total Authorized	1	\$	450
	Country Total Shipped			

CAYMAN ISLANDS				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	5	\$	3,014
	Category Total	5	\$	3,014
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	15,000	\$	4,200
	Category Total	15,000	\$	4,200

<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	2	\$	1,109,163

	(f)	Components, parts and associated equipment	1	\$	17,870
	(g)	Technical data	2	\$	33,160
		Category Total	5	\$	1,160,193
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
		Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices			
	*(c)		1	\$	5,685
		Category Total	1	\$	5,685
		Country Total Authorized	15,011	\$	1,173,092
		Country Total Shipped			

<i>Country</i>			Quantity		Value
CENTRAL AFRICAN REPUBLIC					
<i>Category VIII</i>		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	2	\$	2,000,000
		Category Total	2	\$	2,000,000
		Country Total Authorized	2	\$	2,000,000
		Country Total Shipped			

<i>Country</i>					
CHAD					
<i>Category VIII</i>		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	10,000	\$	1,000,000
	(i)	Technical data	1	\$	1,000
		Category Total	10,001	\$	1,001,000
		Country Total Authorized	10,001	\$	1,001,000

Country Total Shipped

CHILE

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	1,973	\$	939,025
	* (b) Fully automatic firearms	10	\$	10,000
	* (e) Silencers, mufflers and sound and flash suppressors	8	\$	9,192
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	9	\$	2,430
	(h) Components, parts and associated equipment	250	\$	7,989
	Category Total	2,250	\$	968,636
<i>Category II</i>	Guns and Armament			
	* (a) Guns over caliber .50	1	\$	3,850
	(j) Components, parts and associated equipment	1	\$	3,850
	Category Total	2	\$	7,700
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	1,268,824	\$	419,334
	(d)(3) All other components, parts and associated equipment	103,500	\$	7,005
	Category Total	1,372,324	\$	426,339
	Country		Quantity	Value

**CHILE
(Continued)**

<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	5	\$	2,582

	(h)	Components, parts and associated equipment	774	\$	1,927,822
	(i)	Technical data	5	\$	4,000
		Category Total	784	\$	1,934,404
<i>Category V</i>		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(e)	Binders	20	\$	3,600
	(h)	Technical data	1	\$	1
		Category Total	21	\$	3,601
<i>Category VI</i>		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	15	\$	9,406
		Category Total	15	\$	9,406
<i>Category VII</i>		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	381	\$	149,044
	(h)	Technical data	13	\$	90,000
		Category Total	394	\$	239,044
<i>Category VIII</i>		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	13	\$	148,459,773
	*(b)	Military aircraft engines	30	\$	2,403,188
	*(c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	126	\$	122,139
	(d)	Launching and recovery equipment for the articles in (a)	1	\$	15,000

Country

Quantity

Value

CHILE
(Continued)

<i>Category VIII</i> <i>(continued)</i>	Aircraft and Associated Equipment			
	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	* (e)	16	\$ 1,088,658
	Components, parts and associated equipment	(h)	25,056	\$ 50,756,787
	Technical data	(i)	73	\$ 25,584
	Category Total		25,315	\$ 202,871,129
<i>Category IX</i>	Military Training Equipment and Training			
	Simulation devices for the items covered by this subchapter	(b)	12	\$ 155,063
	Components, parts and associated equipment	(d)	60	\$ 13,334
	Technical data	(e)	207	\$ 23,180
	Category Total		279	\$ 191,577
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	Protective personnel equipment	(a)	140	\$ 1,137,499
	Tooling and equipment	(c)	372	\$ 58,032
	Components, parts and associated equipment	(d)	72	\$ 138,611
	Technical data	(e)	20	\$ 10,000
	Category Total		604	\$ 1,344,142
<i>Category XI</i>	Military Electronics			
	Electronic combat equipment	*(a)(4)	1	\$ 77,711
	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	*(a)(5)	10	\$ 1,125,772
	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	(a)(6)	13	\$ 152,802
	Components, parts and associated equipment	(c)	687	\$ 1,897,136

	(d)	Technical data	1,461	\$	617,385
		Category Total	2,172	\$	3,870,806
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	543	\$	980,431
Country			Quantity		Value
CHILE					
(Continued)					
<i>Category XII</i> <i>(continued)</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	878	\$	12,386,895
	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	13	\$	108,228
	(e)	Components, parts and associated equipment	1,365	\$	673,006
	(f)	Technical data	65	\$	111,775
		Category Total	2,864	\$	14,260,335
<i>Category XIII</i>		Auxiliary Military Equipment			
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	4	\$	829
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	4	\$	2,000
		Category Total	8	\$	2,829

<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	407	\$	3,337
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	48,666	\$	979,677
	Category Total	49,073	\$	983,014

Country

Quantity

Value

CHILE
(Continued)

<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	3	\$	1,443,199
	(f) Technical data	1	\$	1
	Category Total	4	\$	1,443,200

Category XVII

Classified Articles, Technical
Data and Defense Services Not
Otherwise Enumerated

(a)	All articles, technical data and defense services which are classified in the interests of national security and which are not otherwise enumerated in the USML	1	\$	250
	Category Total	1	\$	250

Country Total Authorized	1,456,110	\$	202,871,129
Country Total Shipped			

COLOMBIA

	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	48	\$	2,875,226
	(h) Components, parts and associated equipment	21,315	\$	76,512,508
	(i) Technical data	16	\$	7,451
	Category Total	21,383	\$	82,288,917
<i>Category IX</i>	Military Training Equipment and Training Simulation devices for the items covered by this subchapter	7	\$	25,657
	(e) Technical data	2	\$	1,000
	Category Total	9	\$	26,657
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	114	\$	157,976
	(d) Components, parts and associated equipment	1,578	\$	221,316
	Category Total	1,692	\$	379,292
<i>Category XI</i>	Military Electronics			
	(a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	175	\$	3,381,754
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	21	\$	265,078
	(b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	48	\$	5,101,363
	(c) Components, parts and associated equipment	1,624	\$	2,577,014
	(d) Technical data	127	\$	773,531
	Category Total	1,995	\$	12,098,740

<i>Country</i>		Quantity	Value
COLOMBIA <i>(Continued)</i>			
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting * <i>(a)</i> instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	15	\$ 44,758
	* <i>(b)</i> Lasers	89	\$ 335,588
	Infrared focal plane array detectors; image intensification and other night sighting * <i>(c)</i> equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	1,193	\$ 19,272,780
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros * <i>(d)</i>	8	\$ 28,848
	<i>(e)</i> Components, parts and associated equipment	3,638	\$ 2,294,407
	<i>(f)</i> Technical data	3	\$ 250
	Category Total	4,946	\$ 21,976,631
<i>Category XIII</i>	Auxiliary Military Equipment		

	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	4	\$	21,530
	(d)	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	186	\$	364,348
Country			Quantity		Value
COLOMBIA					
(Continued)					
<i>Category XIII</i>		Auxiliary Military Equipment			
<i>(continued)</i>	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	10	\$	23,730
	(g)	Concealment and deception equipment	17,783	\$	664,478
		Category Total	17,983	\$	1,074,086
<i>Category XIV</i>		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d)	Tear gases and riot control agents	933	\$	30,404
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	33,354	\$	1,068,494
		Category Total	34,287	\$	1,098,898
<i>Category XV</i>		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	14	\$	327,566
	(f)	Technical data	10	\$	100,000
		Category Total	24	\$	427,566
		Country Total Authorized		\$	126,663,999

2,949,829

Country Total Shipped

COMOROS

Category VII

	Tanks and Military Vehicles			
(g)	Components, parts and associated equipment	1	\$	500
	Category Total	1	\$	500
	Country Total Authorized	1	\$	500
	<i>Country Total Shipped</i>			

Country

Quantity

Value

CONGO

Category V

	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
*(a)	Explosives	400	\$	1,335,400
	Category Total	400	\$	1,335,400
	Country Total Authorized	400	\$	1,335,400
	<i>Country Total Shipped</i>			

COSTA RICA

Category I

	Firearms, Close Assault Weapons and Combat Shotguns			
*(a)	Nonautomatic and semi-automatic firearms	6,527	\$	2,488,539
*(g)	Barrels, cylinders, receivers and complete breech mechanisms	15	\$	3,750

	(h) Components, parts and associated equipment	768	\$	12,589
	(i) Technical data	6	\$	1,470
<i>Category III</i>	Category Total	7,316	\$	2,506,348
	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	5,404,450	\$	973,523
<i>Category VII</i>	Category Total	5,404,450	\$	973,523
	Tanks and Military Vehicles			
	(h) Technical data	20	\$	10,000
<i>Category VIII</i>	Category Total	20	\$	10,000
	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	1	\$	100,000
<i>Category XI</i>	Category Total	1	\$	100,000
	Military Electronics			
	(c) Components, parts and associated equipment	1,800	\$	4,200,000
	(d) Technical data	1	\$	100
	Category Total	1,801	\$	4,200,100

Country

Quantity

Value

**COSTA RICA
(Continued)**

Category XII

Fire Control, Range Finder,
Optical and Guidance and
Control Equipment

	Infrared focal plane array detectors; image intensification and other night sighting			
	* (c) equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	2	\$	13,000
	Category Total	2	\$	13,000
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	2,200	\$	39,500
	Category Total	2,200	\$	39,500
	Country Total Authorized	5,415,790	\$	7,842,471
	Country Total Shipped			

CROATIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	181	\$	74,150
	* (b) Fully automatic firearms	4	\$	5,000
	(h) Components, parts and associated equipment	160,189	\$	326,380
	Category Total	160,374	\$	405,530
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	1,000	\$	250
	Category Total	1,000	\$	250
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i) Technical data	1	\$	58,661,916

<i>Country</i>		Quantity	Value
	Category Total	1	\$ 58,661,916
CROATIA (Continued)			
<i>Category VI</i>	Vessels of War and Special Naval Equipment		
	(g) Technical data	1	\$ 500
	Category Total	1	\$ 500
<i>Category VII</i>	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	72	\$ 57,981
	Category Total	72	\$ 57,981
<i>Category VIII</i>	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	7	\$ 44,548
	(i) Technical data	12	\$ 12,000
	Category Total	19	\$ 56,548
<i>Category X</i>	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	60	\$ 90,000
	(d) Components, parts and associated equipment	60	\$ 12,077
	Category Total	120	\$ 102,077
<i>Category XI</i>	Military Electronics		
	*(a)(1) Underwater sound equipment	1	\$ 18,500
	(c) Components, parts and associated equipment	31	\$ 53,003
	(d) Technical data	1	\$ 1,000
	Category Total	33	\$ 72,503
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	7	\$ 4,689

	Infrared focal plane array detectors; image intensification and other night sighting			
* (c)	equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	1	\$	16,000
(f)	Technical data	4	\$	100
	Category Total	12	\$	20,789

<i>Country</i>		Quantity		Value
CROATIA <i>(Continued)</i>				
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	500	\$	7,750
	Category Total	500	\$	7,750
<i>Category XVI</i>	Nuclear Weapons, Design and Testing Related Items			
	* (c) Nuclear radiation detection and measurement devices	21	\$	49,215
	Category Total	21	\$	49,215
	Country Total Authorized	162,153	\$	59,435,059
	Country Total Shipped			

CYPRUS				
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			

* (f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	12	\$	434
	Category Total	12	\$	434
	Country Total Authorized	12	\$	434
	Country Total Shipped			

**CZECH
REPUBLIC**

Category I

	Firearms, Close Assault Weapons and Combat Shotguns			
* (a)	Nonautomatic and semi-automatic firearms	23,427	\$	2,602,802
(f)	Riflescopes	300	\$	146,400
* (g)	Barrels, cylinders, receivers and complete breech mechanisms	310	\$	52,670

Country

Quantity

Value

**CZECH
REPUBLIC
(Continued)**

*Category I
(continued)*

	Firearms, Close Assault Weapons and Combat Shotguns			
(h)	Components, parts and associated equipment	4,495	\$	276,585
	Category Total	28,532	\$	3,078,457

Category II

	Guns and Armament			
* (a)	Guns over caliber .50	54	\$	6,318,000
(g)	Tooling and equipment	6	\$	182,898
(k)	Technical data	11	\$	120,177
	Category Total	71	\$	6,621,075

Category III

	Ammunition/Ordnance			
* (a)	Ammunition/ordnance for Categories I & II articles	500,000	\$	20,000

	(d)(3)	All other components, parts and associated equipment	4,279,260	\$	1,550,977
	(e)	Technical data	2	\$	300
<i>Category VII</i>		Category Total	4,779,262	\$	1,571,277
		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	90	\$	30,714
	(h)	Technical data	1	\$	1
		Category Total	91	\$	30,715
<i>Category VIII</i>		Aircraft and Associated Equipment			
	* (a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	3	\$	794,617
	* (e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	8	\$	384,000
	(h)	Components, parts and associated equipment	13,140	\$	20,027,578
	(i)	Technical data	20	\$	17,315
		Category Total	13,171	\$	21,223,510
<i>Category IX</i>		Military Training Equipment and Training			
	(e)	Technical data	1	\$	1
		Category Total	1	\$	1
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	123	\$	236,519
		Country			Quantity
					Value
		CZECH REPUBLIC			
		(Continued)			
<i>Category X</i>		Protective Personnel Equipment and Shelters			
<i>(continued)</i>	(d)	Components, parts and associated equipment	186	\$	25,250
	(e)	Technical data		\$	25,800

		2		
<i>Category XI</i>	Category Total	311	\$	287,569
	Military Electronics			
	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	26	\$	859,300
	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	3	\$	48,573
	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	77	\$	817,986
	Components, parts and associated equipment	350	\$	917,572
	Technical data	1,416	\$	486,001
	Category Total	1,872	\$	3,129,432
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	121	\$	213,184
	Lasers	183	\$	207,771
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	665	\$	382,701
Country		Quantity		Value

**CZECH
REPUBLIC
(Continued)**

*Category XII
(continued)*

Fire Control, Range Finder,
Optical and Guidance and
Control Equipment

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1	\$	16,000
* (d)				
(e)	Components, parts and associated equipment	273	\$	179,504
(f)	Technical data	18	\$	18
	Category Total	1,261	\$	999,178

Category XIII

Auxiliary Military Equipment

	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	4	\$	221,094
(d)				
(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	8	\$	222,672
	Category Total	12	\$	443,766

Category XIV

Toxicological Agents,
Including Chemical Agents,
Biological Agents and
Associated Equipment

	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	102	\$	31,499
* (f)				
(m)	Technical data	2	\$	2
	Category Total	104	\$	31,501

Country Total Authorized **4,824,688** **\$** **37,416,481**
Country Total Shipped

<i>Country</i>		Quantity		Value
DENMARK				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	2,564	\$	1,644,669
	* (b) Fully automatic firearms	1	\$	874
	* (e) Silencers, mufflers and sound and flash suppressors	163	\$	106,646
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	203	\$	58,262
	(h) Components, parts and associated equipment	11,231	\$	305,958
	(i) Technical data	1	\$	10
	Category Total	14,163	\$	2,116,419
<i>Category II</i>	Guns and Armament			
	(c) Devices for launching or delivering ordnance	25	\$	7,200
	(h) Test and evaluation equipment	1	\$	230
	(j) Components, parts and associated equipment	557	\$	5,298,298
	Category Total	583	\$	5,305,728
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	8,741,800	\$	1,615,810
	(b) Ammunition/ordnance handling equipment	5	\$	500
	(d)(3) All other components, parts and associated equipment	1,924,250	\$	295,025
	Category Total	10,666,055	\$	1,911,335
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			

	(h)	Components, parts and associated equipment	1,031,425	\$	34,967,601
	(i)	Technical data	384	\$	37,300
<i>Category IX</i>		Category Total Military Training Equipment and Training	1,031,810	\$	41,004,901
	(c)	Tooling and equipment	1	\$	6,300
	(d)	Components, parts and associated equipment	211	\$	312,519
<i>Category X</i>		Category Total Protective Personnel Equipment and Shelters	212	\$	318,819
	(a)	Protective personnel equipment	8,099	\$	2,883,466
	(d)	Components, parts and associated equipment	230	\$	26,985
<i>Category XI</i>		Category Total Military Electronics	8,329	\$	2,910,451
	* (a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	35	\$	2,541,878
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	216	\$	2,050,560
Country			Quantity		Value
DENMARK					
(Continued)					
<i>Category XI</i>		Military Electronics			
<i>(continued)</i>		Any experimental or developmental electronic equipment specifically designed or modified for military application			
	(a)(7)		2	\$	156,764
	* (b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	158	\$	194,156

	(c)	Components, parts and associated equipment	15,914	\$	13,603,519
	(d)	Technical data	287	\$	12,510
		Category Total	16,612	\$	18,559,387
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
		Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes			
	* (a)		8	\$	31,232
	* (b)	Lasers	151	\$	59,645
		Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices			
	* (c)		1,864	\$	11,677,156
		Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros			
	* (d)		104	\$	2,527,395
	(e)	Components, parts and associated equipment	8,575	\$	3,424,526

Country

Quantity

Value

**DENMARK
(Continued)**

*Category XII
(continued)*

Fire Control, Range Finder, Optical and Guidance and Control Equipment

(f)	Technical data	118	\$	8,905
	Category Total	10,820	\$	17,728,859

<i>Category XIII</i>	Auxiliary Military Equipment Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	(h)	1,980	\$	15,840
	Hardware and equipment that is associated with the measurement or modification of system signatures for detection of defense articles	*(j)	10,000	\$	1,000,000
	Category Total		11,980	\$	1,015,840
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment				
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	*(f)	290	\$	232,370
	Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a) and vaccines with the sole purpose of protecting against biological agents identified in (b)	(h)	12,000	\$	247,200
	Category Total		12,290	\$	479,570
<i>Category XV</i>	Spacecraft Systems and Associated Equipment				
	Global positioning System (GPS) receiving equipment	(c)	2	\$	4,716
	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	(e)	46	\$	14,509
	Technical data	(f)	2	\$	600
	Category Total		50	\$	19,825

Country

Quantity

Value

DENMARK
(Continued)

<i>Category XVI</i>	Nuclear Weapons, Design and Testing Related Items			
	* (c) Nuclear radiation detection and measurement devices	30	\$	79,540
	(d) Components, parts and associated equipment	6	\$	1,602
	Category Total	36	\$	81,142
	Country Total Authorized	11,780,330	\$	98,395,518
	Country Total Shipped			

DJIBOUTI

<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(g) Technical data	1	\$	500
	Category Total	1	\$	500
<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	44,134	\$	15,242,787
	(h) Technical data	2	\$	6,018,395
	Category Total	44,136	\$	21,261,182
<i>Category XI</i>	Military Electronics			
	(c) Components, parts and associated equipment	1	\$	4,140
	Category Total	1	\$	4,140
	Country Total Authorized	44,138	\$	21,265,322
	Country Total Shipped			

DOMINICA

<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	1,000	\$	160
	Category Total	1,000	\$	160
	Country Total Authorized	1,000	\$	160
	Country Total Shipped			

**DOMINICAN
REPUBLIC**

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (b) Fully automatic firearms	200	\$	243,596

Country		Quantity		Value
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**DOMINICAN
REPUBLIC
(Continued)**

<i>Category I (continued)</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	(h) Components, parts and associated equipment	800	\$	17,200
	Category Total	1,000	\$	260,796
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	253,600	\$	140,920
	Category Total	253,600	\$	140,920
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	3	\$	609,126
	(g) Technical data	1	\$	500
	Category Total	4	\$	609,626
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	72	\$	65,702
	(h) Components, parts and associated equipment	3,722	\$	3,534,779
	(i) Technical data	13	\$	360
	Category Total	3,807	\$	3,600,841

<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	2	\$	2,159
	Category Total	2	\$	2,159
<i>Category XI</i>	Military Electronics Computers specifically designed for military applications and any computer specifically modified for use with any defense article	8	\$	94,032
	(c) Components, parts and associated equipment	30	\$	93,702
	(d) Technical data	4	\$	3,500
	Category Total	42	\$	191,234

Country

Quantity

Value

**DOMINICAN
REPUBLIC
(Continued)**

<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(e) Components, parts and associated equipment	32	\$	75,129
	Category Total	32	\$	75,129
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	17,000	\$	261,250
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	5,026	\$	15,740
	Category Total	22,026	\$	276,990
	Country Total Authorized	280,513	\$	5,157,695
	Country Total Shipped			

ECUADOR

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	750	\$	1,197,897
	* (b) Fully automatic firearms	2	\$	2,776
	(f) Riflescopes	178	\$	137,594
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	250	\$	23,125
	(h) Components, parts and associated equipment	157	\$	250,678
	(i) Technical data	496,000	\$	5,080
	Category Total	497,337	\$	1,617,150
<i>Category II</i>	Guns and Armament			
	(k) Technical data	1,100	\$	200
	Category Total	1,100	\$	200
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	1,270,800	\$	424,300
	(e) Technical data	20,000	\$	200
	Category Total	1,290,800	\$	424,500

Country

Quantity

Value

**ECUADOR
(Continued)**

<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h) Components, parts and associated equipment	5,000	\$	38,750
	(i) Technical data	92,000	\$	1,000
	Category Total	97,000	\$	39,750
<i>Category VI</i>	Vessels of War and Special Naval Equipment			

	Patrol craft without armor, armament or mounting surfaces			
	(b) for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	14	\$	675,734
	(f) Components, parts and associated equipment	308	\$	33,591
	Category Total	322	\$	709,325
<i>Category VII</i>	Tanks and Military Vehicles			
	(h) Technical data	1	\$	77,300
	Category Total	1	\$	77,300
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	216	\$	197,110
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	31	\$	1,800,472
	(h) Components, parts and associated equipment	4,495	\$	11,644,794
	(i) Technical data	41	\$	100,526
	Category Total	4,783	\$	13,742,902
<i>Category IX</i>	Military Training Equipment and Training			
	(b) Simulation devices for the items covered by this subchapter	6	\$	83,335
	(d) Components, parts and associated equipment	15	\$	136,764
	(e) Technical data	2	\$	58,667
	Category Total	23	\$	278,766

Country

Quantity

Value

**ECUADOR
(Continued)**

<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	203	\$	35,357
	Category Total	203	\$	35,357
<i>Category XI</i>	Military Electronics			
	(a)(3)(vi) Ground air traffic control radar systems	1	\$	340
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	25	\$	293,850
	* (b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	160	\$	4,521,457
	(c) Components, parts and associated equipment	587	\$	1,712,434
	(d) Technical data	109	\$	13,274
	Category Total	882	\$	6,541,355
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	187	\$	926,170
	(e) Components, parts and associated equipment	265	\$	673,182
	(f) Technical data	4	\$	3,690
	Category Total	456	\$	1,603,042
<i>Category XIII</i>	Auxiliary Military Equipment			
	(a) Cameras and specialized processing equipment. Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	6	\$	2,200

<i>Country</i>		Quantity		Value
ECUADOR				
(Continued)				
<i>Category XIII</i>	Auxiliary Military Equipment			
<i>(continued)</i>	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	17	\$	12,444
	(d)			
	Category Total	23	\$	14,644
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	56,700	\$	635,794
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	1	\$	14
	Category Total	56,701	\$	635,808
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	14	\$	8,050
	Category Total	14	\$	8,050
	Country Total Authorized	1,949,645	\$	25,728,149
	Country Total Shipped			

EGYPT

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	31	\$	403,136
	* (c) Firearms and other weapons Barrels, cylinders, receivers and complete breech mechanisms	2	\$	100
	(h) Components, parts and associated equipment	2	\$	290
		6	\$	796

Country

Quantity

Value

**EGYPT
(Continued)**

<i>Category I (continued)</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	(i) Technical data	1	\$	200
	Category Total	42	\$	404,522
<i>Category II</i>	Guns and Armament			
	(c) Devices for launching or delivering ordnance	1	\$	11,760
	Category Total	1	\$	11,760
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	95,500	\$	80,360
	* (d)(2) Safing, arming and fuzing components	1,500	\$	10,010
	(d)(3) All other components, parts and associated equipment	670,000	\$	147,400
	(e) Technical data	1	\$	101,250
	Category Total	767,001	\$	339,020
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h) Components, parts and associated equipment	1	\$	1,525,381
	(i) Technical data	11	\$	600
	Category Total		\$	1,525,981

	(e)	Technical data	8	\$	2,600
<i>Category X</i>		Category Total	31,789	\$	3,567,831
		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	304	\$	72,436
<i>Category XI</i>		Category Total	304	\$	72,436
		Military Electronics			
	* (a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	27	\$	1,106,890
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	3	\$	118,972
	* (b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	256	\$	15,077,251
	(c)	Components, parts and associated equipment	10,950	\$	11,627,248
	(d)	Technical data	504	\$	193,068
		Category Total	11,740	\$	28,123,429

Country

Quantity

Value

**EGYPT
(Continued)**

Category XII Fire Control, Range Finder,
Optical and Guidance and
Control Equipment

	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting			
* (a)	instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	1	\$	168,000
* (b)	Lasers	49	\$	79,691
	Infrared focal plane array detectors; image intensification and other night sighting			
* (c)	equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	5	\$	6,416,422
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros			
* (d)		2	\$	700,000
(e)	Components, parts and associated equipment	265	\$	180,065
(f)	Technical data	12	\$	1,710
	Category Total	334	\$	7,545,888
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
(d)	Tear gases and riot control agents	33,770	\$	458,090
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment			
* (f)		32,270	\$	800,160
	Category Total	66,040	\$	1,258,250

<i>Country</i>		Quantity		Value
<i>EGYPT</i>				
<i>(Continued)</i>				
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(c) Global positioning System (GPS) receiving equipment	7	\$	6,317
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	31	\$	548,232
	(f) Technical data	1	\$	100
	Category Total	39	\$	554,649
<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment			
	(c) Components, parts and associated equipment	1	\$	428,962
	Category Total	1	\$	428,962
	Country Total Authorized	904,899	\$	101,359,589
	Country Total Shipped			
 <i>EL SALVADOR</i>				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi-automatic firearms	6,406	\$	1,376,261
	*(b) Fully automatic firearms	100	\$	120,000
	*(g) Barrels, cylinders, receivers and complete breech mechanisms	24	\$	3,621
	(h) Components, parts and associated equipment	11,799	\$	232,525
	Category Total	18,329	\$	1,732,407
<i>Category III</i>	Ammunition/Ordnance			
	*(a) Ammunition/ordnance for Categories I & II articles	4,223,036	\$	939,902

	(d)(3)	All other components, parts and associated equipment	2,457,750	\$	146,800
		Category Total	6,680,786	\$	1,086,702
<i>Category VII</i>		Tanks and Military Vehicles			
	(h)	Technical data	5	\$	87,500
		Category Total	5	\$	87,500

<i>Country</i>			Quantity		Value
<i>EL SALVADOR</i>					
<i>(continued)</i>					
<i>Category VIII</i>		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	2	\$	1,300,000
	(i)	Technical data	6	\$	112,500
		Category Total	8	\$	1,412,500
<i>Category IX</i>		Military Training Equipment and Training			
	(d)	Components, parts and associated equipment	1	\$	1
		Category Total	1	\$	1
<i>Category XI</i>		Military Electronics			
	(c)	Components, parts and associated equipment	10	\$	760
	(d)	Technical data	400	\$	168,000
		Category Total	410	\$	168,760
<i>Category XIV</i>		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	* (f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	3	\$	7,350
		Category Total	3	\$	7,350
		Country Total Authorized	6,699,542	\$	4,495,220

Country Total Shipped

***EQUATORIAL
GUINEA***

<i>Category VIII</i>	Aircraft and Associated Equipment			
	(i) Technical data	1	\$	1,000
	Category Total	1	\$	1,000
<i>Category XI</i>	Military Electronics			
	(c) Components, parts and associated equipment	2	\$	5,678
	Category Total	2	\$	5,678

Country

Quantity

Value

***EQUATORIAL
GUINEA
(Continued)***

<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	5	\$	1,299,116
	(e) Components, parts and associated equipment	1	\$	6,581
	Category Total	6	\$	1,305,697
	<i>Country Total Authorized</i>	9	\$	1,312,375
	<i>Country Total Shipped</i>			

ESTONIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	87	\$	38,468
	Category Total	87	\$	38,468
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	16,800	\$	3,258
	Category Total	16,800	\$	3,258
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	2	\$	6,500
	(i) Technical data	2	\$	1,500
	Category Total	4	\$	8,000
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(d) Components, parts and associated equipment	285	\$	26,896
	Category Total	285	\$	26,896
<i>Category XI</i>	Military Electronics			
	* (a)(4) Electronic combat equipment	1	\$	33,950

<i>Country</i>		Quantity		Value
<i>ESTONIA</i>				
<i>(Continued)</i>				
<i>Category XI</i>	Military Electronics			
<i>(continued)</i>	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	91	\$	2,487,640
	(c) Components, parts and associated equipment	550	\$	827,522
	(d) Technical data	14	\$	41,118
	Category Total	656	\$	3,390,230

<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (b) Lasers	7	\$	38,542
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	1,006	\$	55,590
	(e) Components, parts and associated equipment	6	\$	11,313
	(f) Technical data	1	\$	50
	Category Total	1,020	\$	105,495
<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment			
	* (a) Submersible vessels, manned or unmanned, tethered or untethered, designed or modified for military purposes, or powered by nuclear propulsion plants	2	\$	1,233,276
	(c) Components, parts and associated equipment	1	\$	149,334
	Category Total	3	\$	1,382,610
	Country Total Authorized	18,855	\$	4,954,957
	Country Total Shipped			

<i>Country</i>	<i>Quantity</i>	<i>Value</i>
ETHIOPIA		
<i>Category VIII</i>	Aircraft and Associated Equipment	
	(h) Components, parts and associated equipment	8 \$ 2,920
	Category Total	\$ 2,920

		8		
<i>Category IX</i>	Military Training Equipment and Training			
	(d) Components, parts and associated equipment	600	\$	814
	Category Total	600	\$	814
<i>Category XI</i>	Military Electronics			
	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	30	\$	682,320
	(d) Technical data	430	\$	168,300
	Category Total	460	\$	850,620
	Country Total Authorized	1,068	\$	854,354
	Country Total Shipped			

FALKLAND ISLANDS

<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	2	\$	32,000
	(h) Components, parts and associated equipment	15	\$	3,000
	Category Total	17	\$	35,000
	Country Total Authorized	17	\$	35,000
	Country Total Shipped			

<i>Country</i>		Quantity		Value
<i>FAROE ISLANDS</i>				
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	3	\$	7,501
	Category Total	3	\$	7,501
	Country Total Authorized	3	\$	7,501
	Country Total Shipped			
<i>FINLAND</i>				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi- automatic firearms	2,029	\$	950,999
	*(d) Combat shotguns	5	\$	5,370
	(f) Riflescopes	3,092	\$	1,611,839
	*(g) Barrels, cylinders, receivers and complete breech mechanisms	504	\$	135,586
	(h) Components, parts and associated equipment	45,320	\$	198,414
	Category Total	50,950	\$	2,902,208
<i>Category II</i>	Guns and Armament			
	(j) Components, parts and associated equipment	6	\$	3,750
	Category Total	6	\$	3,750
<i>Category III</i>	Ammunition/Ordnance			
	*(a) Ammunition/ordnance for Categories I & II articles	12,001,941	\$	11,089,684
	(d)(3) All other components, parts and associated equipment	20,007,401	\$	5,355,230
	Category Total	32,009,342	\$	16,444,914
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h) Components, parts and associated equipment	115	\$	39,872

	(i)	Technical data	3	\$	102
		Category Total	118	\$	39,974
<i>Category V</i>		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (b)	Propellants	384	\$	3,479
	(c)	Pyrotechnics, fuels and related substances	3,373	\$	97,649
		Category Total	3,757	\$	101,128
		Country		Quantity	Value
		FINLAND (Continued)			
<i>Category VI</i>		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	1	\$	692
		Category Total	1	\$	692
<i>Category VII</i>		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	57	\$	26,053
		Category Total	57	\$	26,053
<i>Category VIII</i>		Aircraft and Associated Equipment			
	* (e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	1	\$	92,500
	(h)	Components, parts and associated equipment	22,515	\$	46,207,852
	(i)	Technical data	5	\$	630
		Category Total	22,521	\$	46,300,982
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	6,000	\$	1,960,000
	(d)	Components, parts and associated equipment	50	\$	8,352
		Category Total	6,050	\$	1,968,352

<i>Category XI</i>	Military Electronics			
	* (a)(4) Electronic combat equipment	7,384	\$	329,762
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	1	\$	1,430
	* (b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	2	\$	152,970
	(c) Components, parts and associated equipment	43,453	\$	4,019,121
	(d) Technical data	798	\$	341,161
	Category Total	51,638	\$	4,844,444

Category XII

Fire Control, Range Finder, Optical and Guidance and Control Equipment

* (b) Lasers	300	\$	355,851
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Country

Quantity

Value

**FINLAND
(Continued)**

*Category XII
(continued)*

Fire Control, Range Finder, Optical and Guidance and Control Equipment

* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	19	\$	158,941
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* (d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	4	\$	3,780
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(e) Components, parts and associated equipment	586	\$	111,495
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*(a)	Submersible vessels, manned or unmanned, tethered or untethered, designed or modified for military purposes, or powered by nuclear propulsion plants	2	\$	938,875
	Category Total	2	\$	938,875
	Country Total Authorized	32,147,587	\$	74,922,529
	Country Total Shipped			

FRANCE

Category I

	Firearms, Close Assault Weapons and Combat Shotguns			
*(a)	Nonautomatic and semi-automatic firearms	8,993	\$	3,785,920
*(b)	Fully automatic firearms	2	\$	3,200
*(c)	Firearms and other weapons	20	\$	7,700
*(d)	Combat shotguns	2	\$	2,550
(f)	Riflescopes	172	\$	79,404
*(g)	Barrels, cylinders, receivers and complete breech mechanisms	413	\$	118,976
(h)	Components, parts and associated equipment	22,542	\$	350,016
(i)	Technical data	1	\$	1
	Category Total	32,145	\$	4,347,767

Category II

	Guns and Armament			
(j)	Components, parts and associated equipment	289	\$	227,930
(k)	Technical data	17	\$	116
	Category Total	306	\$	228,046

Country

Quantity

Value

**FRANCE
(Continued)**

Category III

Ammunition/Ordnance

	* (a)	Ammunition/ordnance for Categories I & II articles	27,062,450	\$	5,853,344
	* (d)(1)	Guidance and control components	502,000	\$	251,306
	* (d)(2)	Safing, arming and fuzing components	2,700	\$	10,283,352
	(d)(3)	All other components, parts and associated equipment	12,724,522	\$	1,537,240
	(e)	Technical data	52	\$	42,071
		Category Total	40,291,724	\$	17,967,313
<i>Category IV</i>		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	1,324	\$	6,968,100
	* (b)	Launch vehicles and missile and anti-missile systems	54	\$	71,513
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	24,319	\$	2,315,000
	* (f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	3,705	\$	250,006
	(h)	Components, parts and associated equipment	17,243	\$	1,264,594
	(i)	Technical data	133	\$	176,907
		Category Total	46,778	\$	11,046,120
<i>Category V</i>		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(c)	Pyrotechnics, fuels and related substances	1,004,670	\$	5,052,414
	* (e)	Binders	5,330	\$	45,305
	(f)	Additives	35,270	\$	666,391
	(h)	Technical data		\$	400

		4		
	Category Total	1,045,274	\$	5,764,510
<i>Country</i>		Quantity		Value
FRANCE				
(Continued)				
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	129	\$	111,180
	(g) Technical data	30	\$	101,602
	Category Total	159	\$	212,782
<i>Category VII</i>	Tanks and Military Vehicles			
	* (a) Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	1	\$	85,000
	(g) Components, parts and associated equipment	9,364	\$	864,610
	(h) Technical data	451	\$	355,376
	Category Total	9,816	\$	1,304,986
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	1	\$	750,000
	* (c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	96	\$	165,450
	(d) Launching and recovery equipment for the articles in (a)	163	\$	13,826,950
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	6	\$	87,560
	(h) Components, parts and associated equipment	157,807	\$	117,512,945
	(i) Technical data	151	\$	419,424

<i>Category IX</i>	Category Total	158,224	\$	132,762,329
	Military Training Equipment and Training			
	(a) Training equipment	194	\$	2,024,318
	(b) Simulation devices for the items covered by this subchapter	90	\$	161,534
	(d) Components, parts and associated equipment	187	\$	76,250
	(e) Technical data	182	\$	17,100
	Category Total	653	\$	2,279,202

<i>Country</i>		Quantity		Value
FRANCE <i>(Continued)</i>				
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	34,726	\$	1,886,640
	(c) Tooling and equipment	828	\$	9,370
	(d) Components, parts and associated equipment	5,128	\$	254,456
	(e) Technical data	1	\$	25
	Category Total	40,683	\$	2,150,491
<i>Category XI</i>	Military Electronics			
	*(a)(1) Underwater sound equipment	5,002	\$	9,668,653
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	96	\$	6,747,305
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	4	\$	400
	(a)(7) Any experimental or developmental electronic equipment specifically designed or modified for military application	17	\$	828,478

	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	* (b)	2	\$	428,604
	Components, parts and associated equipment	(c)	55,050	\$	22,378,591
	Technical data	(d)	3,261	\$	314,324
	Category Total		63,432	\$	40,366,355
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment				
	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	* (a)	1	\$	5,500
	Lasers	* (b)	307	\$	1,316,420
Country			Quantity		Value
FRANCE					
(Continued)					
<i>Category XII</i> <i>(continued)</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment				
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	* (c)	787	\$	6,276,433
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	* (d)	255	\$	2,419,211

	(e)	Components, parts and associated equipment	6,304	\$	4,692,407
	(f)	Technical data	83	\$	22,942
		Category Total	7,737	\$	14,732,913
<i>Category XIII</i>		Auxiliary Military Equipment			
		Cameras and specialized processing equipment.			
	(a)	Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	12	\$	585,072
		Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	103	\$	172,502
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	167	\$	11,000,082
	(f)	Structural materials	72	\$	1,028,046
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	10,281	\$	685,709
	(l)	Technical data	13	\$	2,625
		Category Total	10,648	\$	13,474,036

Country

Quantity

Value

**FRANCE
(Continued)**

<i>Category XIV</i>		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d)	Tear gases and riot control agents	25,000	\$	293,750

		Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	2,118	\$	22,156
	(m)	Technical data	3	\$	225
		Category Total	27,121	\$	316,131
<i>Category XV</i>		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	137	\$	370,987
	(d)	Radiation-hardened microelectronics	918	\$	1,711,947
		Category Total	27,601	\$	111,370,753
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	27,601	\$	111,370,753
	(f)	Technical data	235	\$	3,135,836
		Category Total	28,891	\$	116,589,523
<i>Category XVI</i>		Nuclear Weapons, Design and Testing Related Items			
	(b)	Any article, etc. specifically designed for use in the devising, carrying out or evaluation of nuclear weapons tests or any other nuclear explosions (including for modeling or simulating the employment of nuclear weapons)	44	\$	450,630
	(d)	Components, parts and associated equipment	80	\$	1,099,687
		Category Total	124	\$	1,550,317
<i>Category XX</i>		Submersible Vessels, Oceanographic and Associated Equipment			
	(b)	Swimmer delivery vehicles	3	\$	144,933
	(c)	Components, parts and associated equipment	5	\$	92,667
Country			Quantity		Value

FRANCE
(Continued)

Category XX
(continued)

Submersible Vessels,
Oceanographic and Associated
Equipment

(d)	Technical data	4	\$	400
	Category Total	12	\$	238,000
	Country Total Authorized	41,763,727	\$	365,330,821
	Country Total Shipped			

FRENCH
GUIANA

Category IV

Launch Vehicles, Guided
Missiles, Ballistic Missiles,
Rockets, Torpedoes, Bombs
and Mines

*(f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	1,500	\$	281,230
(h)	Components, parts and associated equipment	5,590	\$	459,873
(i)	Technical data	2	\$	200
	Category Total	7,092	\$	741,303

Category V

Explosives and Energetic
Materials, Propellants,
Incendiary Agents and Their
Constituents

*(e)	Binders	1,640	\$	13,940
(f)	Additives	44	\$	31,730
(h)	Technical data	11	\$	200
	Category Total	1,695	\$	45,870

Category XV

Spacecraft Systems and
Associated Equipment

(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	3,930	\$	652,308
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(f)	Technical data	4	\$	100
	Category Total	3,934	\$	652,408
	Country Total Authorized	12,721	\$	1,439,581
	Country Total Shipped			

<i>Country</i>		Quantity		Value
FRENCH POLYNESIA				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi- automatic firearms	5	\$	4,429
	Category Total	5	\$	4,429
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	2	\$	2,450
	(i) Technical data	2	\$	2
	Category Total	4	\$	2,452
<i>Category XI</i>	Military Electronics			
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	1	\$	2,987
	Category Total	1	\$	2,987
	Country Total Authorized	10	\$	9,868
	Country Total Shipped			

GABON

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi- automatic firearms	51	\$	28,404
	Category Total	51	\$	28,404

Country Total Shipped

GEORGIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	681	\$	1,379,316
	* (b) Fully automatic firearms	52	\$	145,800
	(f) Riflescopes	174	\$	338,480
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	10	\$	11,106
	(h) Components, parts and associated equipment	1,194	\$	136,268
	Category Total	2,111	\$	2,010,970
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	8,076,215	\$	7,099,300
	(e) Technical data	250	\$	50,000
	Category Total	8,076,465	\$	7,149,300

Country

Quantity

Value

**GEORGIA
(Continued)**

<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	41	\$	1,637
	Category Total	41	\$	1,637
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			

	* (a)	Explosives	39,012	\$	69,245
		Category Total	39,012	\$	69,245
<i>Category IX</i>		Military Training Equipment and Training			
	(e)	Technical data	65	\$	32,500
		Category Total	65	\$	32,500
<i>Category XI</i>		Military Electronics Computers specifically designed for military applications and any computer specifically modified for use with any defense article			
	(a)(6)		1	\$	18,018
	(d)	Technical data	401	\$	169,000
		Category Total	402	\$	187,108
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
		Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices			
	* (c)		160	\$	1,941,280

Country

Quantity

Value

**GEORGIA
(Continued)**

*Category XII
(continued)*

Fire Control, Range Finder, Optical and Guidance and Control Equipment

*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	2	\$	18,470
	Category Total	162	\$	1,959,750
	Country Total Authorized	8,118,258	\$	11,410,510
	Country Total Shipped			

GERMANY

Category I

	Firearms, Close Assault Weapons and Combat Shotguns			
*(a)	Nonautomatic and semi-automatic firearms	39,912	\$	6,032,949
*(b)	Fully automatic firearms	7	\$	5,018
*(c)	Firearms and other weapons	200	\$	600,000
(f)	Riflescopes	58,000	\$	9,435,755
*(g)	Barrels, cylinders, receivers and complete breech mechanisms	3,774	\$	998,273
(h)	Components, parts and associated equipment	401,832	\$	32,387,531
(i)	Technical data	20	\$	2,000
	Category Total	503,745	\$	49,461,526

Category II

	Guns and Armament			
*(a)	Guns over caliber .50	1	\$	48,430
(j)	Components, parts and associated equipment	6	\$	44,995
	Category Total	7	\$	93,425

Category III

	Ammunition/Ordnance			
*(a)	Ammunition/ordnance for Categories I & II articles	134,539,520	\$	7,840,477
(b)	Ammunition/ordnance handling equipment	23	\$	663,187
(c)	Tooling and equipment	4	\$	1,964
*(d)(1)	Guidance and control components	146,575	\$	29,020

	(c)	Pyrotechnics, fuels and related substances	1,581,345	\$	4,977,304
	*(e)	Binders	8,206	\$	70,150
	(f)	Additives	8	\$	3,264
	(h)	Technical data	1	\$	100
		Category Total	1,620,836	\$	5,716,733
<i>Category VI</i>		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	153	\$	81,538
		Country			Quantity
					Value
		GERMANY			
		(Continued)			
<i>Category VI (continued)</i>		Vessels of War and Special Naval Equipment			
	(g)	Technical data	11	\$	130,952
		Category Total	164	\$	212,490
<i>Category VII</i>		Tanks and Military Vehicles			
	*(a)	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	1	\$	95,611
	(g)	Components, parts and associated equipment	2,203	\$	13,249,759
	(h)	Technical data	17,186	\$	290,747
		Category Total	19,390	\$	13,636,114
<i>Category VIII</i>		Aircraft and Associated Equipment			
	*(b)	Military aircraft engines	3	\$	17,360,000
	*(c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	109	\$	1,220,087
	(d)	Launching and recovery equipment for the articles in (a)	3	\$	3,839,635

	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	214	\$	1,526,028
	(h) Components, parts and associated equipment	4,121,655	\$	128,420,223
	(i) Technical data	462	\$	7,441,884
	Category Total	4,122,446	\$	159,807,857
<i>Category IX</i>	Military Training Equipment and Training			
	(a) Training equipment	484	\$	25,843,630
	(b) Simulation devices for the items covered by this subchapter	199	\$	7,747,347
	(c) Tooling and equipment	1	\$	14,950
	(d) Components, parts and associated equipment	1,354	\$	12,352,135
	(e) Technical data	281	\$	1,483,259
	Category Total	2,319	\$	47,441,321
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	14,622	\$	4,114,373
	Country		Quantity	Value
	GERMANY			
	(Continued)			
<i>Category X</i> <i>(continued)</i>	Protective Personnel Equipment and Shelters			
	(b) Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	3	\$	642,930
	(c) Tooling and equipment	245	\$	2,110,593
	(d) Components, parts and associated equipment	65,126	\$	1,747,068
	(e) Technical data	25	\$	31,252
	Category Total	80,021	\$	8,646,216
<i>Category XI</i>	Military Electronics			

* (a) (1)	Underwater sound equipment	1	\$	404,309
* (a) (3) (i)	Search radar systems	4	\$	56,565,417
* (a) (3) (v)	Imaging radar systems	8	\$	494,360
* (a) (4)	Electronic combat equipment	993	\$	253,474,126
* (a) (5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	380	\$	107,989,237
(a) (6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	233	\$	29,117,793
* (b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	115	\$	31,915,320
(c)	Components, parts and associated equipment	265,376	\$	368,622,075
(d)	Technical data	1,941	\$	1,573,554
	Category Total	269,051	\$	850,156,191

Country

Quantity

Value

**GERMANY
(Continued)**

Category XII

Fire Control, Range Finder,
Optical and Guidance and
Control Equipment

GERMANY
(Continued)

Category XIII
(continued)

	Auxiliary Military Equipment			
	Energy conversion devices for			
	producing electrical energy			
(h)	from nuclear, thermal or solar			
	energy or from chemical			
	reaction	513	\$	46,532
(l)	Technical data	15	\$	53,601
	Category Total	691	\$	2,318,902

Category XIV

	Toxicological Agents,			
	Including Chemical Agents,			
	Biological Agents and			
	Associated Equipment			
*(c)	Chemical agent binary			
	precursors and key precursors	20	\$	10,000
	Components, parts, and			
	associated equipment			
*(f)	specifically designed or			
	modified for military			
	operations and compatibility			
	with military equipment	96,564	\$	3,821,627
(m)	Technical data	30	\$	3,226
	Category Total	96,614	\$	3,834,853

Category XV

	Spacecraft Systems and			
	Associated Equipment			
	Ground control stations for			
	telemetry, tracking and control			
(b)	of spacecraft or satellites, or			
	employing any of the			
	cryptographic items controlled			
	under Category XIII	130	\$	9,100,000
(c)	Global positioning System			
	(GPS) receiving equipment	778	\$	3,728,832
(d)	Radiation-hardened			
	microelectronics	267	\$	645,650
	Components, parts, and			
	associated equipment			
(e)	specifically designed or			
	modified for the systems or			
	subsystems of this category:			
	satellite fuel, ground support			
	equipment, test equipment, etc.	2,957	\$	10,042,300
(f)	Technical data	63	\$	1,723,417
	Category Total		\$	25,240,199

		4,195		
<i>Category XVI</i>	Nuclear Weapons, Design and Testing Related Items			
	(d) Components, parts and associated equipment	3	\$	14,682
	Category Total	3	\$	14,682

Country

Quantity

Value

**GERMANY
(Continued)**

<i>Category XVIII</i>	Directed Energy Weapons			
	(f) Technical data	2	\$	2
	Category Total	2	\$	2
<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment			
	(c) Components, parts and associated equipment	142	\$	740,059
	(d) Technical data	2	\$	1,001
	Category Total	144	\$	741,060
	Country Total Authorized	252,948,218	\$	1,331,319,215
	Country Total Shipped			

GHANA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi-automatic firearms	2	\$	1,400
	Category Total	2	\$	1,400
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(i) Technical data	1	\$	10
	Category Total	1	\$	10
<i>Category XI</i>	Military Electronics			

* (a) (5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	8	\$	52,000
	Category Total	8	\$	52,000
	Country Total Authorized	11	\$	53,410
	Country Total Shipped			

GREECE

Category I

	Firearms, Close Assault Weapons and Combat Shotguns			
* (a)	Nonautomatic and semi-automatic firearms	59	\$	52,387
* (c)	Firearms and other weapons	10	\$	617
(h)	Components, parts and associated equipment	4,881	\$	120,809
	Category Total	4,950	\$	173,813

Country

Quantity

Value

**GREECE
(Continued)**

Category II

	Guns and Armament			
(k)	Technical data	4	\$	3,100
	Category Total	4	\$	3,100

Category III

	Ammunition/Ordnance			
* (a)	Ammunition/ordnance for Categories I & II articles	1,508,400	\$	235,380
(d) (3)	All other components, parts and associated equipment	172,400	\$	15,776
(e)	Technical data	10	\$	100
	Category Total	1,680,810	\$	251,256

Category IV

Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines

	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	* (a)	202	\$	3,300
	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	(c)	731	\$	1,795,324
	Components, parts and associated equipment	(h)	278,198	\$	801,529
	Technical data	(i)	146	\$	20,590
	Category Total		279,277	\$	2,620,743
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents				
	Explosives	* (a)	200	\$	35,350
	Category Total		200	\$	35,350
<i>Category VI</i>	Vessels of War and Special Naval Equipment				
	Components, parts and associated equipment	(f)	1,279	\$	838,287
	Category Total		1,279	\$	838,287
<i>Category VII</i>	Tanks and Military Vehicles				
	Components, parts and associated equipment	(g)	1,638	\$	58,476
	Technical data	(h)	43	\$	4,064
	Category Total		1,681	\$	62,540
Country			Quantity		Value
GREECE (Continued)					
<i>Category VIII</i>	Aircraft and Associated Equipment				
	Military aircraft engines	* (b)	22	\$	8,422,200
	Components, parts and associated equipment	(h)	8,862	\$	61,409,628

	(i)	Technical data	603	\$	303,648
		Category Total	9,487	\$	70,135,476
<i>Category IX</i>		Military Training Equipment and Training			
	(a)	Training equipment	1	\$	723,607
	(b)	Simulation devices for the items covered by this subchapter	848	\$	56,075
	(d)	Components, parts and associated equipment	11,583	\$	413,444
	(e)	Technical data	53	\$	30,000
		Category Total	12,485	\$	1,223,126
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	30	\$	1,500
	(b)	Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	1	\$	10,167
	(e)	Technical data	3	\$	300
		Category Total	34	\$	11,967
<i>Category XI</i>		Military Electronics			
	*(a)(4)	Electronic combat equipment	2	\$	154,245
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	2	\$	72,470
	(c)	Components, parts and associated equipment	61,851	\$	6,059,642
	(d)	Technical data	1,166	\$	21,069
		Category Total	63,021	\$	6,307,426
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			

	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices			
	* (c)	3,335	\$	6,321,835
Country		Quantity		Value
GREECE				
(Continued)				
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
<i>(continued)</i>				
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros			
	* (d)	50	\$	555,436
	(e) Components, parts and associated equipment	163	\$	592,200
	(f) Technical data	2	\$	150
	Category Total	3,550	\$	7,469,621
<i>Category XIII</i>	Auxiliary Military Equipment			
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components			
	(b)	12	\$	2,988
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction			
	(h)	1,400	\$	11,900
	Category Total	1,412	\$	14,888
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	3,501	\$	55,561

	(i)	Technical data	2	\$	100
<i>Category XI</i>		Category Total	2	\$	100
		Military Electronics			
	(c)	Components, parts and associated equipment	1	\$	5,000
	(d)	Technical data	2	\$	44,000
<i>Category XII</i>		Category Total	3	\$	49,000
		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
		Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros			
	* (d)		1	\$	12,176
		Category Total	1	\$	12,176
		Country Total Authorized	2,055,796	\$	456,347
		Country Total Shipped			

Country

Quantity

Value

GRENADA

<i>Category I</i>		Firearms, Close Assault Weapons and Combat Shotguns			
	* (a)	Nonautomatic and semi-automatic firearms	32	\$	15,050
	(h)	Components, parts and associated equipment	10	\$	470
		Category Total	42	\$	15,520
<i>Category III</i>		Ammunition/Ordnance			
	* (a)	Ammunition/ordnance for Categories I & II articles	44,000	\$	22,290
		Category Total	44,000	\$	22,290
		Country Total Authorized	44,042	\$	37,810
		Country Total Shipped			

	Category Total	3	\$	652,158
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	1	\$	6,000,000
	(i) Technical data	5	\$	667
	Category Total	6	\$	6,000,667
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	36,000	\$	10,800,000
	(d) Components, parts and associated equipment	12	\$	2,582
	Category Total	36,012	\$	10,802,582
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	8	\$	70,832
	* (c)			
	(e) Components, parts and associated equipment	18	\$	8,934
	Category Total	26	\$	79,766
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	46,000	\$	360,000
	Category Total	46,000	\$	360,000
	Country Total Authorized	16,534,453	\$	28,356,136
	Country Total Shipped			

Country

Quantity

Value

GUYANA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	184	\$	113,197
	Category Total	184	\$	113,197
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	511,550	\$	157,935
	Category Total	511,550	\$	157,935
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(c) Pyrotechnics, fuels and related substances	20	\$	956
	Category Total	20	\$	956
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	26	\$	6,500
	Category Total	26	\$	6,500
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	1,800	\$	61,525
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	18	\$	528
	Category Total	1,818	\$	62,053
	Country Total Authorized	513,598	\$	340,641
	Country Total Shipped			

HAITI

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	26	\$	13,734
	(h) Components, parts and associated equipment	242	\$	5,560
Country		Quantity		Value
HAITI (Continued)				
<i>Category I (continued)</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	(i) Technical data	1	\$	100,000
	Category Total	269	\$	119,294
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	152,150	\$	44,339
	Category Total	152,150	\$	44,339
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	3	\$	27,099
	Category Total	3	\$	27,099
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	758	\$	179,222
	Category Total	758	\$	179,222
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	830	\$	24,202
	(h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a) and vaccines with the sole purpose of protecting against biological agents identified in (b)	3,850	\$	29,775

Category Total	4,680	\$	53,977
Country Total Authorized	157,860	\$	423,931
<i>Country Total Shipped</i>			

HONDURAS

<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(g) Technical data	13	\$	520,000
	Category Total	13	\$	520,000
<i>Category VII</i>	Tanks and Military Vehicles			
	(h) Technical data	1	\$	17,500
	Category Total	1	\$	17,500

Country

Quantity

Value

**HONDURAS
(Continued)**

<i>Category VIII</i>	Aircraft and Associated Equipment			
	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	8	\$	242,456
	(e) Components, parts and associated equipment	164	\$	760,721
	(i) Technical data	1	\$	17,500
	Category Total	173	\$	1,020,677
<i>Category XI</i>	Military Electronics			
	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	44	\$	1,639,549
	(a)(5) Components, parts and associated equipment	14	\$	67,158
	(c) Technical data	3	\$	66,000
	(d)			

<i>Category XIII</i>	Category Total	61	\$	1,772,707
	Auxiliary Military Equipment			
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	20	\$	19,900
	Category Total	20	\$	19,900
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	35,000	\$	479,250
	Category Total	35,000	\$	479,250
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(c) Global positioning System (GPS) receiving equipment	14	\$	327,566
	Category Total	14	\$	327,566
	Country Total Authorized	35,282	\$	4,157,600
	Country Total Shipped			

Country

Quantity

Value

HONG KONG

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi-automatic firearms	109	\$	74,962
	*(g) Barrels, cylinders, receivers and complete breech mechanisms	412	\$	39,669
	(h) Components, parts and associated equipment	818	\$	6,528
	(i) Technical data	40	\$	15,420
<i>Category III</i>	Category Total	1,379	\$	136,579
	Ammunition/Ordnance			

	Category Total	91	\$	127,627
<i>Category XI</i>	Military Electronics Computers specifically designed for military (a)(6) applications and any computer specifically modified for use with any defense article	6	\$	30,600
	(c) Components, parts and associated equipment	4,490	\$	123,474
	Category Total	4,496	\$	154,074
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	6,520	\$	115,040
	(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	17,086	\$	298,789
	Category Total	23,606	\$	413,829
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(a) Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites	1	\$	82,362,412
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	171	\$	1,596,640
	(f) Technical data	4	\$	210,000
	Category Total	176	\$	84,169,052
	Country Total Authorized	7,113,131	\$	86,667,438
	<i>Country Total Shipped</i>			

<i>Country</i>		Quantity		Value
HUNGARY				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	885	\$	307,726
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	23	\$	2,168
	(h) Components, parts and associated equipment	33,548	\$	36,365
	(i) Technical data	8	\$	1,600
	Category Total	34,464	\$	347,859
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	340,900	\$	202,191
	(d)(3) All other components, parts and associated equipment	1,200	\$	534
	Category Total	342,100	\$	202,725
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	1	\$	29,572
	(h) Components, parts and associated equipment	2	\$	200,000
	Category Total	3	\$	229,572
<i>Category VII</i>	Tanks and Military Vehicles			
	* (a) Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	3	\$	1,294,276
	(g) Components, parts and associated equipment	1	\$	25,383
	(h) Technical data	2	\$	35,724
	Category Total		\$	1,355,383

		6		
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	98	\$	50,140,078
	(i) Technical data	6	\$	59,500
	Category Total	104	\$	50,199,578

<i>Country</i>		Quantity		Value
HUNGARY <i>(Continued)</i>				
<i>Category IX</i>	Military Training Equipment and Training			
	(e) Technical data	1	\$	100
	Category Total	1	\$	100
<i>Category XI</i>	Military Electronics			
	*(a)(4) Electronic combat equipment	9,120	\$	331,056
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	8	\$	52,000
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	1	\$	15,000,000
	*(b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	2	\$	100
	(c) Components, parts and associated equipment	10,347	\$	2,122,031
	Category Total	19,478	\$	17,505,187
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			

	Infrared focal plane array detectors; image intensification and other night sighting			
	* (c) equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	21	\$	4,730,038
	(e) Components, parts and associated equipment	135	\$	45,546
	Category Total	156	\$	4,775,584
<i>Category XIII</i>	Auxiliary Military Equipment			
	Cameras and specialized processing equipment.			
	(a) Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	1	\$	1,000,000
	(e) Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	1	\$	250,000
Country		Quantity		Value
HUNGARY				
(Continued)				
<i>Category XIII</i>				
<i>(continued)</i>				
	Auxiliary Military Equipment			
	(g) Concealment and deception equipment	1	\$	150,000
	Category Total	3	\$	1,400,000
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment			
	* (f) specifically designed or modified for military operations and compatibility with military equipment	20	\$	3,852

	Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a) and vaccines with the sole purpose of protecting against biological agents identified in (b)	1,200	\$	24,300
(h)				
(i)	Modeling or simulation tools specifically designed or modified for chemical or biological weapons design, development or employment	1	\$	1
(m)	Technical data	2	\$	20
	Category Total	1,223	\$	28,173
	Country Total Authorized	397,538	\$	76,044,161
	Country Total Shipped			

ICELAND

Category I

	Firearms, Close Assault Weapons and Combat Shotguns			
* (a)	Nonautomatic and semi-automatic firearms	253	\$	99,429
* (c)	Firearms and other weapons	100	\$	312,500
* (g)	Barrels, cylinders, receivers and complete breech mechanisms	24	\$	9,590
(h)	Components, parts and associated equipment	101	\$	12,889
	Category Total	478	\$	434,408

Category III

	Ammunition/Ordnance			
* (a)	Ammunition/ordnance for Categories I & II articles	121,000	\$	10,210

Country

Quantity

Value

**ICELAND
(Continued)**

*Category III
(continued)*

	Ammunition/Ordnance			
* (d)(1)	Guidance and control components	3,954	\$	70,000
(d)(3)	All other components, parts and associated equipment	1,119,750	\$	182,500

	Category Total	1,244,704	\$	262,710
<i>Category VIII</i>	Aircraft and Associated Equipment			
	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	3	\$	216,049
	* (e)			
	(h) Components, parts and associated equipment	3	\$	61,546
	(i) Technical data	2	\$	20
	Category Total	8	\$	277,615
<i>Category XI</i>	Military Electronics			
	Underwater acoustic active and passive countermeasures and counter-countermeasures	3	\$	101,209
	* (a)(2)			
	Search radar systems	1	\$	72,991
	* (a)(3)(i)			
	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	5	\$	301,648
	(a)(6)			
	(c) Components, parts and associated equipment	70	\$	1,081
	Category Total	79	\$	476,929
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	10	\$	107,300
	* (c)			
	(e) Components, parts and associated equipment	13	\$	51,981
	(f) Technical data	1	\$	127
	Category Total	24	\$	159,408

Country

Quantity

Value

ICELAND
(Continued)

<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	* (f)	13,000	\$ 495,700
	Category Total		13,000	\$ 495,700
	Country Total Authorized		1,258,293	\$ 2,106,770
	Country Total Shipped			

INDIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	Nonautomatic and semi- automatic firearms	* (a)	1,504	\$ 711,976
	Fully automatic firearms	* (b)	275	\$ 380,125
	Combat shotguns Barrels, cylinders, receivers and complete breech mechanisms	* (d) * (g)	410	\$ 49,200
	Components, parts and associated equipment	(h)	15	\$ 2,298
	Technical data	(i)	1,898	\$ 42,476
	Category Total		68	\$ 431
<i>Category II</i>	Guns and Armament		4,170	\$ 1,186,506
	Guns over caliber .50	* (a)		
	Technical data	(k)	46	\$ 2,300
	Category Total		46	\$ 2,300
<i>Category III</i>	Ammunition/Ordnance			
	Ammunition/ordnance for Categories I & II articles	* (a)	1,079,928	\$ 110,617
	Ammunition/ordnance handling equipment	(b)	5,915	\$ 35,372

* (d)(2)	Safing, arming and fuzing components	20,000	\$	102,600
(e)	Technical data	18	\$	11,280
	Category Total	1,105,861	\$	259,869

<i>Country</i>		Quantity		Value
INDIA <i>(Continued)</i>				
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	352	\$	959,663
	* (b) Launch vehicles and missile and anti-missile systems	401	\$	3,312,400
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	209	\$	4,777,548
	(h) Components, parts and associated equipment	6,144	\$	701,555
	(i) Technical data	1,000	\$	457,465
	Category Total	8,106	\$	10,208,631
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	1,000,547	\$	1,640,427
	(g) Technical data	690	\$	614,482
	Category Total	1,001,237	\$	2,254,909
<i>Category VII</i>	Tanks and Military Vehicles			

	Category Total	199	\$	278,335
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	284	\$	37,100
	(c) Tooling and equipment	1	\$	177
	(d) Components, parts and associated equipment	107	\$	22,235
	(e) Technical data	16	\$	261,700
	Category Total	408	\$	322,212
<i>Category XI</i>	Military Electronics			
	*(a)(1) Underwater sound equipment	6	\$	811,818
	*(a)(4) Electronic combat equipment	276	\$	313,717
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	52	\$	294,210
	*(b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	21	\$	921,770
	(c) Components, parts and associated equipment	45,180	\$	32,132,970
	(d) Technical data	4,422	\$	4,879,404
	Category Total	49,957	\$	39,353,889

Country

Quantity

Value

**INDIA
(Continued)**

<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b) Lasers	3	\$	3,520

	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	54,270	\$	10,893,864
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	60	\$	625,250
	Components, parts and associated equipment	13,603	\$	3,261,862
	Technical data	151	\$	53,250
	Category Total	68,087	\$	14,837,746
<i>Category XIII</i>	Auxiliary Military Equipment			
	Cameras and specialized processing equipment. Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	65	\$	529,250
	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	8	\$	313
	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	9	\$	101,750
	Structural materials	75	\$	51,846
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	40	\$	36,500
	Technical data	9	\$	138,000
	Category Total	206	\$	857,659

<i>Country</i>		Quantity	Value
INDIA <i>(Continued)</i>			
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	Components, parts, and associated equipment *(f) specifically designed or modified for military operations and compatibility with military equipment	190	\$ 473,164
	Category Total	190	\$ 473,164
<i>Category XV</i>	Spacecraft Systems and Associated Equipment		
	(c) Global positioning System (GPS) receiving equipment	10,700	\$ 82,853
	(d) Radiation-hardened microelectronics	3,221	\$ 95,076
	Components, parts, and associated equipment (e) specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	24,053	\$ 9,425,793
	(f) Technical data	227	\$ 2,511,973
	Category Total	38,201	\$ 12,115,695
<i>Category XVI</i>	Nuclear Weapons, Design and Testing Related Items		
	(e) Technical data	2	\$ 200
	Category Total	2	\$ 200
<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment		
	(c) Components, parts and associated equipment	5	\$ 5
	(d) Technical data	101	\$ 72,482
	Category Total	106	\$ 72,487
	Country Total Authorized	3,058,194	\$ 217,481,104

Country Total Shipped

INDONESIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	1,421	\$	925,664
	* (b) Fully automatic firearms	152	\$	212,650

Country		Quantity		Value
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**INDONESIA
(Continued)**

<i>Category I (continued)</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	200	\$	98,922
	(h) Components, parts and associated equipment	2,932	\$	56,275
	Category Total	4,705	\$	1,293,511
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	105,374	\$	95,890
	* (d)(2) Safing, arming and fuzing components	100	\$	49,400
	Category Total	105,474	\$	145,290
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i) Technical data	1	\$	1,000
	Category Total	1	\$	1,000
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(g) Technical data	3	\$	251,005
	Category Total	3	\$	251,005
<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	1,570	\$	311,810
	Category Total		\$	311,810

		1,570		
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	42	\$	516,445
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	11	\$	696,440
	(h) Components, parts and associated equipment	15,877	\$	44,109,110
	(i) Technical data	9	\$	20,700
	Category Total	15,939	\$	45,342,695
<i>Category IX</i>	Military Training Equipment and Training Simulation devices for the items covered by this subchapter	85	\$	2,097,148
	Country		Quantity	Value
	INDONESIA (Continued)			
<i>Category IX</i> <i>(continued)</i>	Military Training Equipment and Training			
	(c) Tooling and equipment	2	\$	501
	(d) Components, parts and associated equipment	241	\$	38,277
	(e) Technical data	10	\$	240,895
	Category Total	338	\$	2,376,821
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	29	\$	34,703
	Category Total	29	\$	34,703
<i>Category XI</i>	Military Electronics			
	* (a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	33	\$	3,811,017

	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	149	\$	209,608
	(m) Technical data	1	\$	1
	Category Total	150	\$	209,609
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	2	\$	100,000
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	6	\$	435,000
	(f) Technical data	1	\$	100
	Category Total	9	\$	535,100
	Country Total Authorized	131,788	\$	90,575,454
	Country Total Shipped			

IRAQ

Category I

	Firearms, Close Assault Weapons and Combat Shotguns			
	(a) Nonautomatic and semi-automatic firearms	7,521	\$	2,275,468
	(b) Fully automatic firearms	44	\$	232,496
	(f) Riflescopes	100	\$	35,000

Country

Quantity

Value

IRAQ (Continued)

*Category I
(continued)*

	Firearms, Close Assault Weapons and Combat Shotguns Barrels, cylinders, receivers and complete breech mechanisms	10	\$	1,950
(g)				
(h)	Components, parts and associated equipment	1,137,865	\$	49,339,646
(i)	Technical data	100	\$	1
	Category Total	1,145,640	\$	51,884,561

Category II

	Guns and Armament			
(a)	Guns over caliber .50	2	\$	4,620
(c)	Devices for launching or delivering ordnance	24	\$	926
(j)	Components, parts and associated equipment	56	\$	6,150
(k)	Technical data	30	\$	100,200
	Category Total	112	\$	111,896

Category III

	Ammunition/Ordnance			
(a)	Ammunition/ordnance for Categories I & II articles	1,021,282	\$	582,032
(d)(3)	All other components, parts and associated equipment	3	\$	39
(e)	Technical data	10	\$	100
	Category Total	1,021,295	\$	582,171

Category IV

	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	385	\$	14,700
(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	30	\$	599,250
(h)	Components, parts and associated equipment	382	\$	39,954
(i)	Technical data		\$	38,465

<i>Country</i>		Quantity		Value
	Category Total	808	\$	692,369
IRAQ (Continued)				
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a) Explosives	3	\$	200
	Category Total	3	\$	200
<i>Category VII</i>	Tanks and Military Vehicles			
	* (a) Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	3	\$	983,013
	(g) Components, parts and associated equipment	20,281	\$	41,892,501
	(h) Technical data	82	\$	1,350,801
	Category Total	20,366	\$	44,226,315
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	3	\$	6,470,182
	(d) Launching and recovery equipment for the articles in (a)	1	\$	290,155
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	19	\$	288,894
	(h) Components, parts and associated equipment	382	\$	287,567,454
	(i) Technical data	33	\$	126,630
	Category Total	438	\$	294,743,315

<i>Category IX</i>	Military Training Equipment and Training			
	(a) Training equipment	778	\$	427,102
	(d) Components, parts and associated equipment	32	\$	28,453
	(e) Technical data	526	\$	1,150,579
	Category Total	1,336	\$	1,606,134
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	33,893	\$	5,164,140
	(c) Tooling and equipment	3	\$	894
	(d) Components, parts and associated equipment	1,392	\$	2,247,298
Country		Quantity		Value
IRAQ (Continued)				
<i>Category X (continued)</i>	Protective Personnel Equipment and Shelters			
	(e) Technical data	10	\$	100,000
	Category Total	35,298	\$	7,512,332
<i>Category XI</i>	Military Electronics			
	*(a)(4) Electronic combat equipment	487	\$	126,548,080
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	1,244	\$	233,943,396
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	1	\$	150,000
	*(b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	1,195	\$	144,204,456
	(c) Components, parts and associated equipment	67,302	\$	443,175,147
	(d) Technical data	2,018	\$	876,672

<i>Category XII</i>	Category Total	72,247	\$	948,897,751
	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	107	\$	11,325,000
	* (a)			
	Lasers	143	\$	61,759,571
	* (b)			
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	58	\$	222,512
	* (c)			

<i>Country</i>		Quantity		Value
<i>IRAQ (Continued)</i>				
<i>Category XII (continued)</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	13	\$	497,584
	* (d)			
	Components, parts and associated equipment	326	\$	19,439,416
	* (e)			
	Technical data	6	\$	604
	* (f)			
<i>Category XIII</i>	Category Total	653	\$	93,244,687
	Auxiliary Military Equipment			

	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	15	\$	555,000
(b)				
	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	10	\$	470,000
(d)				
	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	210	\$	247,937
(e)				
	Concealment and deception equipment	40,000	\$	46,840,000
(g)				
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	4	\$	11,908,360
(h)				
	Category Total	40,239	\$	60,021,297

<i>Country</i>		Quantity		Value
<i>IRAQ (Continued)</i>				
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	50,370	\$	10,297,994
	* (f)			
	Category Total	50,370	\$	10,297,994

<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(c) Global positioning System (GPS) receiving equipment	9	\$	3,450,000
	Category Total	9	\$	3,450,000
<i>Category XVII</i>	Classified Articles, Technical Data and Defense Services Not Otherwise Enumerated			
	(a) All articles, technical data and defense services which are classified in the interests of national security and which are not otherwise enumerated in the USML	1	\$	1,421
	Category Total	1	\$	1,421
	Country Total Authorized	2,388,815	\$	1,517,272,443
	Country Total Shipped			

IRELAND

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi- automatic firearms	1,046	\$	394,084
	(h) Components, parts and associated equipment	40	\$	1,440
	(i) Technical data	2	\$	495
	Category Total	1,088	\$	396,019
<i>Category II</i>	Guns and Armament			
	(j) Components, parts and associated equipment	64	\$	227,948
	Category Total	64	\$	227,948
<i>Category III</i>	Ammunition/Ordnance			
	*(a) Ammunition/ordnance for Categories I & II articles	2,098,602	\$	474,002

Country

Quantity

Value

**IRELAND
(Continued)**

	(d)(3) All other components, parts and associated equipment	10,000	\$	50,000
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	(e)	Technical data	21	\$	560
		Category Total	2,108,623	\$	524,562
<i>Category IV</i>		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	1	\$	1,367
	(i)	Technical data	2	\$	110
		Category Total	3	\$	1,477
<i>Category VII</i>		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	4,127	\$	221,533
		Category Total	4,127	\$	221,533
<i>Category VIII</i>		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	55	\$	184,239
	(i)	Technical data	51	\$	1,350
		Category Total	106	\$	185,589
<i>Category IX</i>		Military Training Equipment and Training			
	(e)	Technical data	1	\$	500
		Category Total	1	\$	500
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	1	\$	2,050
	(d)	Components, parts and associated equipment	236	\$	29,604
		Category Total	237	\$	31,654
<i>Category XI</i>		Military Electronics			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	59	\$	327,652

<i>Country</i>		Quantity	\$	Value
	* (b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	24	\$	542,142
IRELAND (Continued)				
<i>Category XI</i> <i>(continued)</i>	Military Electronics			
	(c) Components, parts and associated equipment	1,255	\$	1,555,823
	(d) Technical data	404	\$	318,300
	Category Total	1,742	\$	2,743,917
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (b) Lasers	2	\$	8,044
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	7	\$	312,950
	(e) Components, parts and associated equipment	357	\$	129,019
	(f) Technical data	1	\$	5,000
	Category Total	367	\$	455,013
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	914	\$	156,221
	Category Total	914	\$	156,221

Category XV

Spacecraft Systems and
Associated Equipment

	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	26	\$	5,053
(e)				
(f)	Technical data	1	\$	1,000,000
	Category Total	27	\$	1,005,053
	Country Total Authorized	2,117,299	\$	5,949,486
	Country Total Shipped			

Country

Quantity

Value

ISRAEL

Category I

Firearms, Close Assault
Weapons and Combat Shotguns

* (a)	Nonautomatic and semi- automatic firearms	326	\$	335,855
* (b)	Fully automatic firearms	210	\$	583,735
* (e)	Silencers, mufflers and sound and flash suppressors	4	\$	2,508
(f)	Riflescopes	102	\$	54,534
* (g)	Barrels, cylinders, receivers and complete breech mechanisms	636	\$	188,510
(h)	Components, parts and associated equipment	333,706	\$	3,120,382
	Category Total	334,984	\$	4,285,524

Category II

Guns and Armament

* (a)	Guns over caliber .50	10	\$	1,423,090
(g)	Tooling and equipment	25	\$	278,269
(j)	Components, parts and associated equipment	1,284	\$	1,089,483
(k)	Technical data	168	\$	3,550
	Category Total	1,487	\$	2,794,392

Category III

	Ammunition/Ordnance			
* (a)	Ammunition/ordnance for Categories I & II articles	8,177,337	\$	3,523,726
* (d) (2)	Safing, arming and fuzing components	59,312	\$	411,821
(d) (3)	All other components, parts and associated equipment	258,436,797	\$	52,251,469
(e)	Technical data	44	\$	53,050
	Category Total	266,673,490	\$	56,240,066

Category IV

	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
* (a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	186,132	\$	28,307,612
* (b)	Launch vehicles and missile and anti-missile systems	1	\$	93,750
(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	4,121	\$	1,690,828

Country

Quantity

Value

**ISRAEL
(Continued)**

*Category IV
(continued)*

	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
* (f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	2,022	\$	306,187
(h)	Components, parts and associated equipment	346,571	\$	22,324,831
(i)	Technical data	2,088	\$	41,178
	Category Total	540,935	\$	52,764,386

<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a) Explosives	6,121	\$	12,483,106
	* (b) Propellants	267,696	\$	1,674,212
	(c) Pyrotechnics, fuels and related substances	4,766	\$	174,476
	(d) Oxidizers	158,681	\$	1,310,942
	* (e) Binders	20,775	\$	191,014
	(f) Additives	395	\$	66,755
	(h) Technical data	6	\$	600
	Category Total	458,440	\$	15,901,105
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	131,972	\$	359,576
	(g) Technical data	101	\$	10,001
	Category Total	132,073	\$	369,577
<i>Category VII</i>	Tanks and Military Vehicles			
	* (a) Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	12	\$	1,731,430
	(c) Military trucks, trailers, hoists and skids specifically designed, modified or equipped to mount or carry weapons	65	\$	3,270,448
	* (f) Engines specifically designed or modified for the vehicles in (a), (b) and (e)	201	\$	56,685,600
	(g) Components, parts and associated equipment	1,875,894	\$	41,905,735
	(h) Technical data	203	\$	1,988,584
	Category Total	1,876,375	\$	105,581,797

Country

Quantity

Value

ISRAEL
(Continued)

<i>Category VIII</i>	Aircraft and Associated Equipment			
	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	* (c)	371	\$ 99,185
	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	* (e)	28	\$ 552,309
	Components, parts and associated equipment	(h)	13,877,973	\$ 174,457,274
	Technical data	(i)	608	\$ 198,558
	Category Total		13,878,980	\$ 175,307,326
<i>Category IX</i>	Military Training Equipment and Training			
	Training equipment	(a)	77,490	\$ 12,828,548
	Simulation devices for the items covered by this subchapter	(b)	3	\$ 10,001
	Components, parts and associated equipment	(d)	1,229	\$ 1,883,336
	Technical data	(e)	876	\$ 335,548
	Category Total		79,598	\$ 15,057,433
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	Protective personnel equipment	(a)	2,022	\$ 194,404
	Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	(b)	32	\$ 894,048
	Components, parts and associated equipment	(d)	6,266	\$ 1,607,744
	Technical data	(e)	3	\$ 1,100
	Category Total		8,323	\$ 2,697,296
<i>Category XI</i>	Military Electronics			
	Underwater sound equipment	*(a)(1)	2	\$ 100,000

	* (a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	90	\$	15,446,226
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	143	\$	4,090,956
Country			Quantity		Value
ISRAEL					
(Continued)					
<i>Category XI</i>		Military Electronics			
<i>(continued)</i>					
	(a)(7)	Any experimental or developmental electronic equipment specifically designed or modified for military application	1	\$	10,950
	* (b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	13	\$	657,955
	(c)	Components, parts and associated equipment	1,702,863	\$	87,575,332
	(d)	Technical data	803	\$	931,107
		Category Total	1,703,915	\$	108,812,526
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (a)	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	5	\$	4,501,616
	* (b)	Lasers	136	\$	591,281

	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	302	\$	2,097,022
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1,505	\$	6,673,549
	Components, parts and associated equipment	39,354	\$	13,210,505
Country		Quantity		Value
ISRAEL				
<i>(Continued)</i>				
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
<i>(continued)</i>	(f) Technical data	1,267	\$	80,186
	Category Total	42,569	\$	27,154,159
<i>Category XIII</i>	Auxiliary Military Equipment			
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	11	\$	56,240
	(b)			
	(c) Self-contained diving and underwater breathing apparatus	7	\$	4,663
	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	5,025	\$	8,284,746
	(d)			
	(e) Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	17,021	\$	5,455,782
	(f) Structural materials	18	\$	72,525

	(g)	Concealment and deception equipment	30	\$	2,160
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	3,644	\$	526,830
	* (j)	Hardware and equipment that is associated with the measurement or modification of system signatures for detection of defense articles	1,013,004	\$	4,840,000
	(k)	Tooling and equipment	9	\$	104,360
	(l)	Technical data	16	\$	1,508
		Category Total	1,038,785	\$	19,348,814
<i>Category XIV</i>		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d)	Tear gases and riot control agents	186,750	\$	1,050,532

Country

Quantity

Value

**ISRAEL
(Continued)**

<i>Category XIV (continued)</i>		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	* (f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	215,421	\$	6,277,079
	(m)	Technical data	1	\$	100
		Category Total	402,172	\$	7,327,711
<i>Category XV</i>		Spacecraft Systems and Associated Equipment			

	Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	15	\$	11,625
	(b)			
	Global positioning System (GPS) receiving equipment	3	\$	6,141
	(c)			
	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	15,654	\$	7,943,550
	(e)			
	Technical data	588	\$	668,690
	(f)			
	Category Total	16,260	\$	8,630,006
<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment			
	(c) Components, parts and associated equipment	8	\$	333,274
	(d) Technical data	100	\$	10,000
	Category Total	108	\$	343,274
	Country Total Authorized	287,188,494	\$	602,615,392
	Country Total Shipped			

ITALY

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	12,825	\$	6,945,395
Country		Quantity		Value

**ITALY
(Continued)**

<i>Category I (continued)</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (b) Fully automatic firearms	477	\$	988,605
	(f) Riflescopes	59,165	\$	9,178,170

	* (g)	Barrels, cylinders, receivers and complete breech mechanisms	5,133	\$	744,698
	(h)	Components, parts and associated equipment	187,288	\$	22,830,920
	(i)	Technical data	17	\$	712
<i>Category II</i>		Category Total	264,905	\$	40,688,500
		Guns and Armament			
	* (a)	Guns over caliber .50	2	\$	2,375
	(j)	Components, parts and associated equipment	13	\$	542,803
<i>Category III</i>		Category Total	15	\$	545,178
		Ammunition/Ordnance			
	* (a)	Ammunition/ordnance for Categories I & II articles	11,328,950	\$	1,794,596
	(c)	Tooling and equipment	7	\$	178,500
	* (d)(1)	Guidance and control components	1,490,204	\$	445,761
	(d)(3)	All other components, parts and associated equipment	25,643,902	\$	1,459,499
	(e)	Technical data	3	\$	3
<i>Category IV</i>		Category Total	38,463,066	\$	3,878,359
		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	235	\$	565,222
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	6,820	\$	278,397
	* (f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	9,780	\$	1,455,816
	(h)	Components, parts and associated equipment	15,214	\$	4,653,123

<i>Country</i>		Quantity	Value
ITALY			
(Continued)			
<i>Category IV</i> <i>(continued)</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(i) Technical data	117	\$ 3,500
	Category Total	32,166	\$ 6,956,058
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	(c) Pyrotechnics, fuels and related substances	18,890	\$ 98,773
	(d) Oxidizers	900	\$ 7,794
	(f) Additives	14	\$ 9,422
	(h) Technical data	21	\$ 96,100
	Category Total	19,825	\$ 212,089
<i>Category VI</i>	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	287	\$ 195,792
	(g) Technical data	9	\$ 100,007
	Category Total	296	\$ 295,799
<i>Category VII</i>	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	10,369	\$ 812,084
	(h) Technical data	12,024	\$ 1,403,000
	Category Total	22,393	\$ 2,215,084
<i>Category VIII</i>	Aircraft and Associated Equipment		
	* (a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	2	\$ 352,339,054
	* (c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	183	\$ 2,383,087

	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	1,656	\$	41,120,072
	(h) Components, parts and associated equipment	5,238,619	\$	150,694,063
	(i) Technical data	1,102	\$	481,544
	Category Total	5,241,562	\$	547,017,820
Country		Quantity		Value
ITALY				
<i>(Continued)</i>				
<i>Category IX</i>	Military Training Equipment and Training			
	(a) Training equipment	218	\$	26,744,132
	(b) Simulation devices for the items covered by this subchapter	9	\$	589,869
	(d) Components, parts and associated equipment	471	\$	11,435,388
	(e) Technical data	233	\$	135,380
	Category Total	931	\$	38,904,769
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	17,834	\$	7,417,992
	(c) Tooling and equipment	37	\$	73,674
	(d) Components, parts and associated equipment	2,608	\$	439,594
	(e) Technical data	1	\$	500
	Category Total	20,480	\$	7,931,760
<i>Category XI</i>	Military Electronics			
	*(a)(1) Underwater sound equipment	6	\$	941,927
	*(a)(3)(iv) Moving target indication radar systems	4	\$	536,000
	(a)(3)(vi) Ground air traffic control radar systems	235	\$	1,385,424
	*(a)(4) Electronic combat equipment	52	\$	218,400

*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	263	\$	14,001,384
(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	205	\$	11,390,038
*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	157	\$	36,710,241
(c)	Components, parts and associated equipment	56,731	\$	157,729,931
(d)	Technical data	6,289	\$	2,315,135
	Category Total	63,942	\$	225,228,480

Country

Quantity

Value

**ITALY
(Continued)**

Category XII

Fire Control, Range Finder, Optical and Guidance and Control Equipment

*(a)	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	7	\$	10,075,000
*(b)	Lasers	148	\$	27,267,206

		Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	30,804	\$	620,756
	(m)	Technical data	500	\$	50,000
		Category Total	31,304	\$	670,756
<i>Category XV</i>		Spacecraft Systems and Associated Equipment			
	(b)	Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	30	\$	2,100,000
	(d)	Radiation-hardened microelectronics	34	\$	18,644
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	1,223	\$	4,000,147
	(f)	Technical data	11	\$	287,923
		Category Total	1,298	\$	6,406,714
<i>Category XVI</i>		Nuclear Weapons, Design and Testing Related Items			
	*(c)	Nuclear radiation detection and measurement devices	4	\$	243,058
	(d)	Components, parts and associated equipment	4	\$	51,949
		Category Total	8	\$	295,007
<i>Category XX</i>		Submersible Vessels, Oceanographic and Associated Equipment			
	(c)	Components, parts and associated equipment	10	\$	810
		Category Total	10	\$	810
		Country Total Authorized	44,171,359	\$	938,884,322
		Country Total Shipped			

<i>Country</i>		Quantity	Value
JAMAICA			
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns		
	* (a) Nonautomatic and semi-automatic firearms	1,452	\$ 740,386
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	2	\$ 140
	(h) Components, parts and associated equipment	1,060	\$ 28,800
	(i) Technical data	1	\$ 150
	Category Total	2,515	\$ 769,476
<i>Category III</i>	Ammunition/Ordnance		
	* (a) Ammunition/ordnance for Categories I & II articles	5,455,000	\$ 1,429,830
	Category Total	5,455,000	\$ 1,429,830
<i>Category VII</i>	Tanks and Military Vehicles		
	* (a) Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	12	\$ 3,691,890
	(g) Components, parts and associated equipment	1	\$ 118,840
	Category Total	13	\$ 3,810,730
<i>Category VIII</i>	Aircraft and Associated Equipment		
	(i) Technical data	1	\$ 1,000
	Category Total	1	\$ 1,000
<i>Category IX</i>	Military Training Equipment and Training		
	(b) Simulation devices for the items covered by this subchapter	47	\$ 245,516
	Category Total	47	\$ 245,516
<i>Category X</i>	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	4	\$ 4,380

	(i)	Autoloading systems for electronic programming of projectile function	1	\$	1,516
	(j)	Components, parts and associated equipment	10,558	\$	10,899,797
	(k)	Technical data	5	\$	2,300
		Category Total	10,564	\$	10,903,613
<i>Category III</i>		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	10,682,502	\$	3,758,373
	* (d)(1)	Guidance and control components	151,200	\$	69,705
	(d)(3)	All other components, parts and associated equipment	4,869,807	\$	1,611,777
	(e)	Technical data	2	\$	200
		Category Total	15,703,511	\$	5,440,055

<i>Country</i>			Quantity		Value
<i>JAPAN</i>					
<i>(Continued)</i>					
<i>Category IV</i>		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	51	\$	20,555
	*(b)	Launch vehicles and missile and anti-missile systems	78	\$	64,650,817
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	613	\$	10,455,093

	* (f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	15,641	\$	16,947,336
	* (g)	Non-nuclear warheads for rockets and guided missiles			
	(h)	Components, parts and associated equipment	635,068	\$	640,541,942
	(i)	Technical data	490	\$	4,021,055
		Category Total	651,941	\$	736,636,798
<i>Category V</i>		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a)	Explosives	4,200	\$	7,518
	* (b)	Propellants	9,279	\$	201,606
	(c)	Pyrotechnics, fuels and related substances	4,024,658	\$	28,221,516
	(d)	Oxidizers	36,313	\$	1,890,630
	* (e)	Binders	28,879	\$	2,993,601
	(f)	Additives	6,343	\$	2,179,784
	(g)	Precursors			
	(h)	Technical data	74	\$	6,560
		Category Total	4,109,746	\$	35,501,215

<i>Country</i>			Quantity		Value
JAPAN					
<i>(Continued)</i>					
<i>Category VI</i>		Vessels of War and Special Naval Equipment			
	* (c)	Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems	6	\$	22,310,183

	(f)	Components, parts and associated equipment	75,759	\$	126,744,163
	(g)	Technical data	225	\$	970,557
<i>Category VII</i>		Category Total	75,990	\$	150,024,903
		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	91,574	\$	19,628,005
	(h)	Technical data	200	\$	1,123,322
		Category Total	91,774	\$	20,751,327
<i>Category VIII</i>		Aircraft and Associated Equipment			
		Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft			
	*(a)		6	\$	228,951,764
	*(b)	Military aircraft engines	75	\$	131,126,700
		Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment			
	*(c)		695	\$	1,574,772
	(d)	Launching and recovery equipment for the articles in (a)	19	\$	2,046,670
		Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems			
	*(e)		15,317	\$	11,079,867
	(h)	Components, parts and associated equipment	4,861,406	\$	1,082,830,651
	(i)	Technical data	1,360	\$	724,331
		Category Total	4,878,878	\$	1,458,334,755
<i>Category IX</i>		Military Training Equipment and Training			
	(a)	Training equipment	360	\$	41,421,894
	(b)	Simulation devices for the items covered by this subchapter	26	\$	20,263,902
	(c)	Tooling and equipment	313	\$	4,152,163
Country			Quantity		Value

JAPAN
(Continued)

<i>Category IX</i> <i>(continued)</i>	Military Training Equipment and Training			
	(d) Components, parts and associated equipment	2,035	\$	40,045,342
	(e) Technical data	137	\$	126,445
	Category Total	2,871	\$	106,009,746
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	2,138	\$	911,693
	(c) Tooling and equipment	8	\$	420
	(d) Components, parts and associated equipment	19,725	\$	1,906,970
	(e) Technical data	7	\$	205
	Category Total	21,878	\$	2,819,288
<i>Category XI</i>	Military Electronics			
	*(a)(1) Underwater sound equipment	29	\$	238,463
	*(a)(2) Underwater acoustic active and passive countermeasures and counter-countermeasures	870	\$	875,641
	*(a)(3)(ii) Acquisition radar systems	3	\$	256,841
	*(a)(3)(iii) Tracking radar systems	112	\$	6,512,399
	(a)(3)(vi) Ground air traffic control radar systems	162	\$	390,061,829
	*(a)(4) Electronic combat equipment	5,206	\$	5,717,467
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	231	\$	13,831,437
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	47	\$	11,328,513
	*(b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	52	\$	37,847,468

(c)	Components, parts and associated equipment	458,185	\$	1,004,969,746
(d)	Technical data	5,256	\$	2,144,507
	Category Total	470,153	\$	1,473,784,311

<i>Country</i>		Quantity		Value
JAPAN <i>(Continued)</i>				
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	79	\$	5,061,739
	* (a)			
	Lasers	10,058	\$	48,373,360
	* (b)			
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	6,209	\$	46,457,391
	* (c)			
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	291	\$	7,176,862
	* (d)			
	Components, parts and associated equipment	3,574	\$	50,581,464
	* (e)			
	Technical data	214	\$	64,507
	* (f)			

<i>Category XIII</i>	Category Total	20,425	\$	157,715,323
	Auxiliary Military Equipment			
	Cameras and specialized processing equipment.			
	(a) Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	477	\$	4,610,104
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	2	\$	1,500,295
	(c) Self-contained diving and underwater breathing apparatus	490	\$	34,828

Country

Quantity

Value

**JAPAN
(Continued)**

*Category XIII
(continued)*

Auxiliary Military Equipment

	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	32	\$	2,286
	(e) Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	135	\$	391,664
	(g) Concealment and deception equipment	46	\$	12,533
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	847	\$	403,154
	(l) Technical data	8	\$	855
	Category Total	2,037	\$	6,955,719

Category XIV

Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment

	* (f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	1,995	\$	10,778,436
	(h)	Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a) and vaccines with the sole purpose of protecting against biological agents identified in (b)	4,115	\$	383,545
	(m)	Technical data	8	\$	125
		Category Total	6,118	\$	11,162,106
<i>Category XV</i>		Spacecraft Systems and Associated Equipment			
	* (a)	Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites	1	\$	115,800,000
Country			Quantity		Value
JAPAN					
(Continued)					
<i>Category XV</i>		Spacecraft Systems and Associated Equipment			
<i>(continued)</i>					
	(b)	Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	10	\$	700,000
	(c)	Global positioning System (GPS) receiving equipment	262	\$	1,666,513
	(d)	Radiation-hardened microelectronics	2,594	\$	52,347,532
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	241,477	\$	152,778,136

	(f)	Technical data	20,994	\$	844,031
		Category Total	265,338	\$	324,136,212
<i>Category XVI</i>		Nuclear Weapons, Design and Testing Related Items			
	*(c)	Nuclear radiation detection and measurement devices	1	\$	119,402
		Category Total	1	\$	119,402
<i>Category XVIII</i>		Directed Energy Weapons			
	(f)	Technical data	5	\$	5
		Category Total	5	\$	5
<i>Category XX</i>		Submersible Vessels, Oceanographic and Associated Equipment			
	(c)	Components, parts and associated equipment	1,394	\$	276,261
	(d)	Technical data	8	\$	25,105
		Category Total	1,402	\$	301,366
		Country Total Authorized	28,110,364	\$	4,583,217,778
		Country Total Shipped			

JORDAN

<i>Category I</i>		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	1,586	\$	1,056,728
	*(b)	Fully automatic firearms	14	\$	784,485

Country

Quantity

Value

**JORDAN
(Continued)**

<i>Category I (continued)</i>		Firearms, Close Assault Weapons and Combat Shotguns			
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	20,002	\$	771,000
	(h)	Components, parts and associated equipment	729,736	\$	5,584,306
		Category Total	751,338	\$	8,196,519

<i>Category II</i>	Guns and Armament			
	* (a) Guns over caliber .50	6	\$	3,492
	(h) Test and evaluation equipment	1	\$	45
	(j) Components, parts and associated equipment	1	\$	10,000
	Category Total	8	\$	13,537
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	362,220	\$	936,894
	(e) Technical data	4	\$	103
	Category Total	362,224	\$	936,997
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	20	\$	134,448
	* (a)			
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	8	\$	138,427
	(h) Components, parts and associated equipment	606	\$	65,670
	(i) Technical data	3	\$	225
	Category Total	637	\$	338,770
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(g) Technical data	1	\$	500
	Category Total	1	\$	500

Country

Quantity

Value

JORDAN
(Continued)

Category VII

Tanks and Military Vehicles

	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	5	\$	147,395
* (a)				
* (f)	Engines specifically designed or modified for the vehicles in (a), (b) and (e)	10	\$	9,880
(g)	Components, parts and associated equipment	2,329	\$	3,662,147
(h)	Technical data	10	\$	170,080
	Category Total	2,354	\$	3,989,502

Category VIII

Aircraft and Associated Equipment

* (a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	9	\$	18,379,502
* (b)	Military aircraft engines	2	\$	1,845,000
* (c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	260	\$	74,575
(h)	Components, parts and associated equipment	12,487	\$	28,008,987
(i)	Technical data	248	\$	12,381,853
	Category Total	13,006	\$	60,689,917

Category IX

Military Training Equipment and Training

(a)	Training equipment	46	\$	190,430
(d)	Components, parts and associated equipment	1,641	\$	309,189
(e)	Technical data	7	\$	5,500
	Category Total	1,694	\$	505,119

Category X

Protective Personnel Equipment and Shelters

(a)	Protective personnel equipment	27	\$	19,148
(d)	Components, parts and associated equipment	102	\$	58,824

	Category Total	129	\$	77,972
<i>Category XI</i>	Military Electronics			
	* (a) (4) Electronic combat equipment	12	\$	483,345
	* (a) (5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	19	\$	1,797,558
	Country			
		Quantity		Value
	JORDAN			
	(Continued)			
<i>Category XI</i>	Military Electronics			
<i>(continued)</i>	(c) Components, parts and associated equipment	5,620	\$	349,546
	(d) Technical data	45,425	\$	635,175
	Category Total	51,076	\$	3,265,624
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (b) Lasers	9	\$	52,114
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	11	\$	58,713
	(e) Components, parts and associated equipment	727	\$	1,663,044
	(f) Technical data	25	\$	4,109
	Category Total	772	\$	1,777,980
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	27	\$	345

		Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	8	\$	50
	* (f)				
<i>Category XVIII</i>		Category Total	35	\$	395
		Directed Energy Weapons			
	(f)	Technical data	5	\$	100
		Category Total	5	\$	100
		Country Total Authorized	1,183,279	\$	79,792,932
		Country Total Shipped			

<i>Country</i>			Quantity		Value
KAZAKHSTAN					
<i>Category VIII</i>		Aircraft and Associated Equipment			
	* (a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	25	\$	7,500,000
	(h)	Components, parts and associated equipment	24	\$	2,613,000
	(i)	Technical data	12	\$	51,000
		Category Total	61	\$	10,164,000
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	345	\$	37,191
		Category Total	345	\$	37,191
<i>Category XI</i>		Military Electronics			

	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	1	\$	2,500,000
	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	30	\$	7,425,000
	Components, parts and associated equipment	178	\$	10,385,970
	Technical data	1,018	\$	9,200
	Category Total	1,227	\$	20,320,170
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	Global positioning System (GPS) receiving equipment	3	\$	3,045
	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	23	\$	826,868
	Technical data	2	\$	50
	Category Total	28	\$	829,963
	Country Total Authorized	1,661	\$	31,351,324
	Country Total Shipped			

Country

Quantity

Value

KENYA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	Fully automatic firearms	12	\$	134,580
	Category Total	12	\$	134,580
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	Technical data	1	\$	500

	Category Total	1	\$	500
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	49,036	\$	4,054,057
	(i) Technical data	1	\$	50
	Category Total	49,037	\$	4,054,107
<i>Category XI</i>	Military Electronics			
	(c) Components, parts and associated equipment	54	\$	1,012,608
	(d) Technical data	5	\$	5
	Category Total	59	\$	1,012,613
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(e) Components, parts and associated equipment	110	\$	55,261
	Category Total	110	\$	55,261
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	48	\$	127,961
	Category Total	48	\$	127,961
	Country Total Authorized	49,267	\$	5,385,022
	Country Total Shipped			

KOSOVO

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	(f) Riflescopes	63,000	\$	3,646,200
<i>Country</i>		Quantity		Value

KOSOVO
(Continued)

<i>Category I</i> <i>(continued)</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	(h) Components, parts and associated equipment	1,452,000	\$	64,182,210
	Category Total	1,515,000	\$	67,828,410
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	10	\$	4,433
	Category Total	10	\$	4,433
<i>Category XI</i>	Military Electronics			
	(c) Components, parts and associated equipment	4,001	\$	60,941,844
	Category Total	4,001	\$	60,941,844
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	5,001	\$	4,995,400
	* (c) Category Total	5,001	\$	4,995,400
	Country Total Authorized	1,524,012	\$	166,588,087
	Country Total Shipped			

KUWAIT

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	641	\$	261,798
	* (b) Fully automatic firearms	31	\$	331,972
	(h) Components, parts and associated equipment	334,630	\$	13,450,515
	(i) Technical data	26	\$	260
	Category Total		\$	14,044,545

		335,328		
<i>Category II</i>	Guns and Armament			
	*(a) Guns over caliber .50	3	\$	855,000
	(k) Technical data	36	\$	180
	Category Total	39	\$	855,180

Country

Quantity

Value

**KUWAIT
(Continued)**

<i>Category III</i>	Ammunition/Ordnance			
	*(a) Ammunition/ordnance for Categories I & II articles	1,036,424	\$	2,203,940
	(d)(3) All other components, parts and associated equipment	27,010	\$	17,508
	(e) Technical data	28	\$	402
	Category Total	1,063,462	\$	2,221,850
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	9,360	\$	88,267
	(h) Components, parts and associated equipment	19	\$	585,278
	(i) Technical data	2	\$	2,000
	Category Total	9,381	\$	675,545
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(b) Propellants	3,650	\$	56,392
	(c) Pyrotechnics, fuels and related substances	3,650	\$	56,392
	(h) Technical data	1	\$	1
	Category Total	7,301	\$	112,785

Category VII

Tanks and Military Vehicles

	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	6	\$	13,754,548
* (a)				
(c)	Military trucks, trailers, hoists and skids specifically designed, modified or equipped to mount or carry weapons	25,738	\$	689,012
* (d)	Military recovery vehicles	1	\$	59,122
* (f)	Engines specifically designed or modified for the vehicles in (a), (b) and (e)	1	\$	13,000,000
(g)	Components, parts and associated equipment	44,460	\$	289,434,122
(h)	Technical data	199	\$	10,627,624
	Category Total	70,405	\$	327,564,428

Country

Quantity

Value

**KUWAIT
(Continued)**

Category VIII

Aircraft and Associated Equipment

* (b)	Military aircraft engines	18	\$	193,412
* (c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	30	\$	135,278
(h)	Components, parts and associated equipment	957	\$	8,207,284
(i)	Technical data	1,036	\$	43,651
	Category Total	2,041	\$	8,579,625

Category IX

Military Training Equipment and Training

(a)	Training equipment	72	\$	6,941,681
(b)	Simulation devices for the items covered by this subchapter	16	\$	5,975,803
(d)	Components, parts and associated equipment	4	\$	1,477,366
(e)	Technical data	7	\$	638,680
	Category Total		\$	15,033,530

		99		
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	49	\$	1,350
	(d) Components, parts and associated equipment	1	\$	5,000
	Category Total	50	\$	6,350
<i>Category XI</i>	Military Electronics			
	*(a)(3)(v) Imaging radar systems	2	\$	17,000
	*(a)(4) Electronic combat equipment	484	\$	126,503,080
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	3,608	\$	14,163,639
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	5	\$	75,600
	*(b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	541	\$	14,512,183
	(c) Components, parts and associated equipment	8,077	\$	337,525,242
	(d) Technical data	457	\$	183,710
	Category Total	13,174	\$	492,980,454

Country

Quantity

Value

KUWAIT
(Continued)

Category XII

Fire Control, Range Finder,
Optical and Guidance and
Control Equipment

	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting			
	* (a) instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	1	\$	12,075
	* (b) Lasers	1	\$	1,172
	Infrared focal plane array detectors; image intensification and other night sighting			
	* (c) equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	9	\$	1,448,796
	(f) Technical data	6	\$	35
	Category Total	17	\$	1,462,078
<i>Category XIII</i>	Auxiliary Military Equipment			
	(g) Concealment and deception equipment	40,401	\$	46,971,485
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	8,000	\$	1,840,000
	Hardware and equipment that is associated with the			
	* (j) measurement or modification of system signatures for detection of defense articles	2	\$	3,300
	(l) Technical data	1	\$	60,000
	Category Total	48,404	\$	48,874,785
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	36,500	\$	1,248,023

<i>Country</i>		Quantity	Value
<i>KUWAIT</i>			
<i>(Continued)</i>			
<i>Category XIV</i> <i>(continued)</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	Components, parts, and associated equipment * <i>(f)</i> specifically designed or modified for military operations and compatibility with military equipment	5,748	\$ 9,282,228
	Category Total	42,248	\$ 10,530,251
	Category Total		
<i>Category XVII</i>	Classified Articles, Technical Data and Defense Services Not Otherwise Enumerated		
	All articles, technical data and defense services which are * <i>(a)</i> classified in the interests of national security and which are not otherwise enumerated in the USML	15	\$ 16,650
	Category Total	15	\$ 16,650
	Country Total Authorized	1,591,964	\$ 922,958,056
	Country Total Shipped		
<i>KYRGYZSTAN</i>			
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns		
	* <i>(h)</i> Components, parts and associated equipment	610	\$ 53,565
	Category Total	610	\$ 53,565
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	* <i>(h)</i> Components, parts and associated equipment	110	\$ 38,478
	Category Total	110	\$ 38,478

<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	345	\$	67,191
	Category Total	345	\$	67,191

Country		Quantity		Value
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**KYRGYZSTAN
(Continued)**

<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(e) Components, parts and associated equipment	125	\$	2,832
	Category Total	125	\$	2,832
	Country Total Authorized	1,190	\$	132,066
	Country Total Shipped			

LATVIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi- automatic firearms	166	\$	63,815
	*(e) Silencers, mufflers and sound and flash suppressors	72	\$	30,060
	(h) Components, parts and associated equipment	12	\$	225
	Category Total	250	\$	94,100
<i>Category III</i>	Ammunition/Ordnance			
	*(a) Ammunition/ordnance for Categories I & II articles	41,800	\$	26,334
	(d)(3) All other components, parts and associated equipment	24,000	\$	4,080
	Category Total	65,800	\$	30,414
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h) Components, parts and associated equipment	31	\$	868

	Category Total	31	\$	868
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(i) Technical data	2	\$	1,500
	Category Total	2	\$	1,500
<i>Category XI</i>	Military Electronics			
	* (b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	68	\$	1,459,036
	(c) Components, parts and associated equipment	407	\$	982,861
Country		Quantity		Value
LATVIA				
(Continued)				
<i>Category XI</i>	Military Electronics			
<i>(continued)</i>	(d) Technical data	401	\$	169,000
	Category Total	876	\$	2,610,897
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	4	\$	12,122
	(e) Components, parts and associated equipment	822	\$	11,030
	(f) Technical data	2,549	\$	1,647,559
	Category Total	3,375	\$	1,670,711
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(c) Global positioning System (GPS) receiving equipment	4	\$	9,636
	Category Total	4	\$	9,636

Country Total Authorized	70,338	\$	4,418,126
Country Total Shipped			

LEBANON

Category I

Firearms, Close Assault Weapons and Combat Shotguns

* (a) Nonautomatic and semi-automatic firearms	703	\$	367,896
* (b) Fully automatic firearms	160	\$	240,650
* (g) Barrels, cylinders, receivers and complete breech mechanisms	50	\$	33,750
(h) Components, parts and associated equipment	155	\$	3,887

Category III

Category Total 1,068 \$ 646,183

Ammunition/Ordnance

* (a) Ammunition/ordnance for Categories I & II articles	1,124,500	\$	557,715
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Category Total 1,124,500 \$ 557,715

Country

Quantity

Value

**LEBANON
(Continued)**

Category VIII

Aircraft and Associated Equipment

* (a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	1	\$	7,062,149
(h) Components, parts and associated equipment	44	\$	1,026,725
(i) Technical data	12	\$	60,000

Category Total 57 \$ 8,148,874

Category XI

Military Electronics

* (a)(4) Electronic combat equipment	1	\$	175,314
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	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	* (b)	6	\$	2,067,849
	Components, parts and associated equipment	(c)	132	\$	31,670
	Technical data	(d)	14	\$	322,684
	Category Total		153	\$	2,597,517
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment				
	Lasers	* (b)	802	\$	656,550
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	* (c)	1	\$	5,500
	Components, parts and associated equipment	(e)	1,330	\$	39,304
	Technical data	(f)	1	\$	50
	Category Total		2,134	\$	701,404
<i>Category XV</i>	Spacecraft Systems and Associated Equipment				
	Technical data	(f)	2	\$	100,000
	Category Total		2	\$	100,000
	Country Total Authorized		1,127,914	\$	12,751,693
	Country Total Shipped				

Country

Quantity

Value

LIBERIA

Category I

Firearms, Close Assault Weapons and Combat Shotguns

	* (g)	Barrels, cylinders, receivers and complete breech mechanisms	40	\$	5,620
	(h)	Components, parts and associated equipment	1,955	\$	20,434
	(i)	Technical data	16	\$	1,600
<i>Category III</i>		Category Total	2,011	\$	27,654
		Ammunition/Ordnance			
	* (a)	Ammunition/ordnance for Categories I & II articles	1,300,000	\$	293,500
		Category Total	1,300,000	\$	293,500
<i>Category IV</i>		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	240	\$	3,360
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	2	\$	10,000
	(i)	Technical data	3	\$	100,100
<i>Category XI</i>		Category Total	245	\$	113,460
		Military Electronics			
	(c)	Components, parts and associated equipment	20	\$	6,000
	(d)	Technical data	43	\$	204,150
		Category Total	63	\$	210,150
		Country Total Authorized	1,302,319	\$	644,764
		Country Total Shipped			
 <i>LIBYA</i>					
<i>Category VIII</i>		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	20,239	\$	15,812,032

	(i)	Technical data	4	\$	13,076
		Category Total	20,243	\$	15,825,108
Country			Quantity		Value
LIBYA					
(Continued)					
Category IX		Military Training Equipment and Training			
	(e)	Technical data	1	\$	500
		Category Total	1	\$	500
Category XI		Military Electronics Components, parts and associated equipment			
	(c)		3	\$	3,960
	(d)	Technical data	13	\$	2,010
		Category Total	16	\$	5,970
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment Components, parts and associated equipment			
	(e)		9	\$	11,765
		Category Total	9	\$	11,765
		Country Total Authorized	20,269	\$	15,843,343
		Country Total Shipped			
LIECHTENSTEIN					
Category III		Ammunition/Ordnance			
	(e)	Technical data	20	\$	2,000
		Category Total	20	\$	2,000
		Country Total Authorized	20	\$	2,000
		Country Total Shipped			
LITHUANIA					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	239	\$	111,692
	(f)	Riflescopes		\$	2,277

		5		
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	4	\$	880
	(h) Components, parts and associated equipment	30	\$	1,183
<i>Category III</i>	Category Total	278	\$	116,032
	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	613,500	\$	188,085
	(d)(3) All other components, parts and associated equipment	266,350	\$	5,749
	Category Total	879,850	\$	193,834

Country

Quantity

Value

**LITHUANIA
(Continued)**

<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h) Components, parts and associated equipment	250	\$	9,700
	Category Total	250	\$	9,700
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	5	\$	57,905
	Category Total	5	\$	57,905
<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	13	\$	989
	(h) Technical data	4	\$	7,612
	Category Total	17	\$	8,601
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	32	\$	1,497,544
	(i) Technical data	1	\$	500
	Category Total	33	\$	1,498,044

	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	5	\$	1,229
	Category Total	1,455	\$	17,904
	Country Total Authorized	882,105	\$	2,645,859
	Country Total Shipped			

LUXEMBOURG

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	28	\$	26,716
	(h) Components, parts and associated equipment	456	\$	9,841
	Category Total	484	\$	36,557
<i>Category III</i>	Ammunition/Ordnance			
	(d)(3) All other components, parts and associated equipment	1,301,000	\$	248,160
	Category Total	1,301,000	\$	248,160
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	384	\$	306,048

Country

Quantity

Value

**LUXEMBOURG
(Continued)**

<i>Category IV (continued)</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
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		Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	152	\$	17,401,679
	(h)	Components, parts and associated equipment	961	\$	51,124,728
	(i)	Technical data	4	\$	1,201
<i>Category VII</i>		Category Total	1,501	\$	68,833,656
		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	2,090	\$	55,330,115
	(h)	Technical data	307	\$	51,102
<i>Category VIII</i>		Category Total	2,397	\$	55,381,217
		Aircraft and Associated Equipment			
	* (a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	2	\$	1,200,000
	(h)	Components, parts and associated equipment	2,644	\$	43,064,031
	(i)	Technical data	4	\$	53,385
<i>Category IX</i>		Category Total	2,650	\$	44,317,416
		Military Training Equipment and Training			
	(a)	Training equipment	1	\$	1,220,093
	(b)	Simulation devices for the items covered by this subchapter	1	\$	1,220,093
<i>Category X</i>		Category Total	2	\$	2,440,186
		Protective Personnel Equipment and Shelters			
	(b)	Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	315	\$	171,974
<i>Category XI</i>		Category Total	315	\$	171,974
		Military Electronics			

	(c) Components, parts and associated equipment	565	\$	112,414,512
	(d) Technical data	361	\$	500
	Category Total	926	\$	112,415,012
Country		Quantity		Value
LUXEMBOURG				
<i>(Continued)</i>				
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	1	\$	69,876
	* (a)			
	Lasers	1	\$	3,225
	* (b)			
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	1	\$	9,252
	* (c)			
	(e) Components, parts and associated equipment	20	\$	33,449,124
	Category Total	23	\$	33,531,477
<i>Category XIII</i>	Auxiliary Military Equipment			
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	37	\$	1,662,070
	* (b)			
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	2,019	\$	15,539
	* (h)			
	Category Total	2,056	\$	1,677,609

<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	(e)	895	\$ 1,037,473
	Category Total		895	\$ 1,037,473
	Country Total Authorized		1,312,249	\$ 320,090,737
	Country Total Shipped			

Country	Quantity	Value
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MACEDONIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	Fully automatic firearms	*(b)	22	\$ 163,020
	Category Total		22	\$ 163,020
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	Pyrotechnics, fuels and related substances	(c)	10,001	\$ 121,774
	Category Total		10,001	\$ 121,774
<i>Category VII</i>	Tanks and Military Vehicles			
	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	*(a)	17	\$ 3,135,478
	Components, parts and associated equipment	(g)	93	\$ 61,164
	Technical data	(h)	30	\$ 2,480
	Category Total		140	\$ 3,199,122
<i>Category VIII</i>	Aircraft and Associated Equipment			

	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	* (e)	8	\$	68,400
	Components, parts and associated equipment	(h)	15	\$	36,741
	Technical data	(i)	1	\$	100
	Category Total		24	\$	105,241
<i>Category X</i>	Protective Personnel Equipment and Shelters				
	Protective personnel equipment	(a)	20	\$	3,000
	Components, parts and associated equipment	(d)	3	\$	954
	Category Total		23	\$	3,954
<i>Category XI</i>	Military Electronics				
	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	* (a)(5)	3	\$	127,200

<i>Country</i>			Quantity		Value
MACEDONIA					
<i>(Continued)</i>					
<i>Category XI</i>					
<i>(continued)</i>					
	Military Electronics				
	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	(a)(6)	1	\$	19,999
	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	* (b)	57	\$	607,612
	Components, parts and associated equipment	(c)	547	\$	862,448
	Technical data	(d)	4	\$	5,708
	Category Total		612	\$	1,622,967

<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	5	\$	244,285
	(c) Components, parts and associated equipment	152	\$	161,471
	Category Total	157	\$	405,756
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	402	\$	7,240
	(f) Category Total	402	\$	7,240
<i>Category XVI</i>	Nuclear Weapons, Design and Testing Related Items			
	(d) Components, parts and associated equipment	1	\$	1,875
	Category Total	1	\$	1,875
	Country Total Authorized	11,382	\$	5,630,952
	Country Total Shipped			

Country

Quantity

Value

MADAGASCAR

<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	5	\$	5,243
	Category Total	5	\$	5,243
	Country Total Authorized	5	\$	5,243
	Country Total Shipped			

MALAYSIA

Category I	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	977	\$	1,105,441
	* (b) Fully automatic firearms	7,116	\$	11,579,028
	* (c) Firearms and other weapons	100	\$	33,000
	(h) Components, parts and associated equipment	929	\$	13,355
	(i) Technical data	4	\$	1,002
	Category Total	9,126	\$	12,731,826
Category II	Guns and Armament			
	* (a) Guns over caliber .50	12	\$	2,469,072
	(k) Technical data	30	\$	300
	Category Total	42	\$	2,469,372
Category III	Ammunition/Ordnance			
	* (d) (2) Safing, arming and fuzing components	5,060	\$	399,183
	(d) (3) All other components, parts and associated equipment	3,000,000	\$	60,000
	(e) Technical data	14	\$	207,200
	Category Total	3,005,074	\$	666,383
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (b) Launch vehicles and missile and anti-missile systems	8	\$	297,600
	(h) Components, parts and associated equipment	3,204	\$	431,062
	(i) Technical data	2	\$	4,000
	Category Total	3,214	\$	732,662

<i>Country</i>		Quantity	Value
MALAYSIA (Continued)			
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	(c) Pyrotechnics, fuels and related substances	1,862	\$ 697,775
	(d) Oxidizers	956	\$ 80,742
	Category Total	2,818	\$ 778,517
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	2	\$ 1,172
	Category Total	2	\$ 1,172
Category VII	Tanks and Military Vehicles		
	*(e) Amphibious vehicles	18	\$ 107,406
	(g) Components, parts and associated equipment	596	\$ 37,374,044
	(h) Technical data	3,235	\$ 224,738
	Category Total	3,849	\$ 37,706,188
Category VIII	Aircraft and Associated Equipment		
	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	8	\$ 385,898
	(h) Components, parts and associated equipment	147,459	\$ 53,073,420
	(i) Technical data	7	\$ 6,200
	Category Total	147,474	\$ 53,465,518
Category IX	Military Training Equipment and Training		
	(a) Training equipment	44	\$ 5,759,850
	(d) Components, parts and associated equipment	68	\$ 4,677,957
	(e) Technical data	171	\$ 46,980

	Category Total	283	\$	10,484,787
Category X	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	4,435	\$	1,774,398
	(d) Components, parts and associated equipment	603	\$	18,009
	Category Total	5,038	\$	1,792,407
Category XI	Military Electronics			
	*(a)(1) Underwater sound equipment	1	\$	17,993
	*(a)(4) Electronic combat equipment	4,501	\$	243,025

Country

Quantity

Value

**MALAYSIA
(Continued)**

Category XI (continued)	Military Electronics			
	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	57	\$	1,391,600
	*(a)(5) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	1	\$	160,000
	(a)(6) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	57	\$	7,812,983
	(c) Components, parts and associated equipment	2,593	\$	8,368,692
	(d) Technical data	1,093	\$	199,867
	Category Total	8,303	\$	18,194,160
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b) Lasers	10	\$	10,480

	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	* (c)	4	\$	986,742
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	* (d)	114	\$	2,688,521
	Components, parts and associated equipment	(e)	2,009	\$	1,763,942
	Technical data	(f)	13	\$	30,299
	Category Total		2,150	\$	5,479,984

<i>Country</i>			Quantity		Value
MALAYSIA <i>(Continued)</i>					
Category XIII	Auxiliary Military Equipment				
	Cameras and specialized processing equipment. Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	(a)	50	\$	9,862
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	(b)	2	\$	415
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	(h)	150	\$	1,200
	Category Total		202	\$	11,477

Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	*(f)	1,686	\$ 98,910
	Category Total		1,686	\$ 98,910
Category XV	Spacecraft Systems and Associated Equipment			
	Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	(b)	10	\$ 700,000
	Global positioning System (GPS) receiving equipment	(c)	71	\$ 463,898
	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	(e)	2,002	\$ 285,000
	Technical data	(f)	2	\$ 200,000
	Category Total		2,085	\$ 1,648,898

Country

Quantity

Value

**MALAYSIA
(Continued)**

Category XX	Submersible Vessels, Oceanographic and Associated Equipment			
	Swimmer delivery vehicles	*(b)	11	\$ 720,613
	Components, parts and associated equipment	(c)	70	\$ 286,390
	Category Total		81	\$ 1,007,003
	Country Total Authorized		3,191,427	\$ 147,269,264
	Country Total Shipped			

**MALDIVES,
REPUBLIC OF**

Category VII	Tanks and Military Vehicles			
	Components, parts and associated equipment	(g)	10	\$ 3,092
	Category Total		10	\$ 3,092
Category IX	Military Training Equipment and Training			
	Training equipment	(a)	8	\$ 4,000
	Category Total		8	\$ 4,000
	Country Total Authorized		18	\$ 7,092
	Country Total Shipped			

MALTA

Category I	Firearms, Close Assault Weapons and Combat Shotguns			
	Nonautomatic and semi-automatic firearms	*(a)	760	\$ 187,438
	Barrels, cylinders, receivers and complete breech mechanisms	*(g)	20	\$ 1,300
	Components, parts and associated equipment	(h)	326	\$ 6,800
	Category Total		1,106	\$ 195,538
Category VIII	Aircraft and Associated Equipment			
	Technical data	(i)	1	\$ 500
	Category Total		1	\$ 500
Category XI	Military Electronics			
	Technical data	(d)	1,002	\$ 3,000
	Category Total		1,002	\$ 3,000

Country

Quantity

Value

MALTA
(Continued)

Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	*(f)	46	\$ 178,462
	Category Total		46	\$ 178,462
	Country Total Authorized		2,155	\$ 377,500
	Country Total Shipped			

MAURITANIA

Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	*(c)	1	\$ 247,848
	Components, parts and associated equipment	(e)	1	\$ 3,331
	Category Total		2	\$ 251,179
	Country Total Authorized		2	\$ 251,179
	Country Total Shipped			

MAURITIUS

Category I	Firearms, Close Assault Weapons and Combat Shotguns			
	Nonautomatic and semi- automatic firearms	*(a)	1	\$ 608
	Category Total		1	\$ 608

<i>Country</i>		Quantity		Value
<i>MAURITIUS</i>				
<i>(Continued)</i>				
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	* (d) 8,502	\$	799,500
	Category Total	8,502	\$	799,500
Category XV	Spacecraft Systems and Associated Equipment			
	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	(e) 51	\$	995,696
	(f) Technical data	1	\$	100
	Category Total	52	\$	995,796
	Country Total Authorized	8,555	\$	1,795,904
	Country Total Shipped			
<i>MEXICO</i>				
Category I	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	17,169	\$	20,058,429
	* (b) Fully automatic firearms	1,361	\$	2,364,538
	* (c) Firearms and other weapons	179	\$	197,740

	Category Total	288,390	\$	12,974,529
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (b) Propellants	500	\$	126,524
	(f) Additives	130,409	\$	2,265,698
	(h) Technical data	1	\$	50
	Category Total	130,910	\$	2,392,272
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	15	\$	6,705,279
	(f) Components, parts and associated equipment	110	\$	67,042,521
	(g) Technical data	28	\$	363,401
	Category Total	153	\$	74,111,201
	Country			Quantity
				Value
	MEXICO			
	(Continued)			
<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	1,402,228	\$	14,504,982
	(h) Technical data	358	\$	440,743
	Category Total	1,402,586	\$	14,945,725
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	7	\$	63,743,196
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	18	\$	721,788

	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	169	\$	6,006,768
	(c) Components, parts and associated equipment	29,074,400	\$	482,755,914
	(d) Technical data	507	\$	328,022
	Category Total	29,076,516	\$	537,023,348
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	1	\$	42,500
	(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	265	\$	3,493,200
	(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	7	\$	257,285
	(e) Components, parts and associated equipment	30	\$	14,105,843
	(f) Technical data	211	\$	6,655
	Category Total	514	\$	17,905,483
Country		Quantity		Value

MEXICO
(Continued)

Category XIII

Auxiliary Military Equipment

	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	(b)	6	\$	6,350
	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	(d)	1,804	\$	4,183,372
	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	(e)	435	\$	1,519,620
	Structural materials	(f)	1	\$	1
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	(h)	80	\$	6,901
	Technical data	(l)	2	\$	50,100
	Category Total		2,328	\$	5,766,344

Category XIV

Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment

	Tear gases and riot control agents	(d)	21,523	\$	476,350
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	*(f)	25,327	\$	1,086,397
	Category Total		46,850	\$	1,562,747

Category XV

Spacecraft Systems and Associated Equipment

*(a)	Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites	1	\$	87,000,000
(f)	Technical data	24	\$	601,001
	Category Total	25	\$	87,601,001

Country

Quantity

Value

MEXICO
(Continued)

Category XX

Submersible Vessels,
Oceanographic and Associated
Equipment

(c)	Components, parts and associated equipment	1	\$	1
	Category Total	1	\$	1
	Country Total Authorized	45,910,143	\$	970,468,573
	Country Total Shipped			

MICRONESIA

Category IV

Launch Vehicles, Guided
Missiles, Ballistic Missiles,
Rockets, Torpedoes, Bombs
and Mines

(i)	Technical data	14	\$	478,464
	Category Total	14	\$	478,464

Category VI

Vessels of War and Special
Naval Equipment

(g)	Technical data	14	\$	478,464
	Category Total	14	\$	478,464

Category VIII

Aircraft and Associated
Equipment

(i)	Technical data	14	\$	478,464
	Category Total	14	\$	478,464
	Country Total Authorized	42	\$	1,435,392

Country Total Shipped

MONACO

Category I

	Firearms, Close Assault Weapons and Combat Shotguns			
*(a)	Nonautomatic and semi-automatic firearms	1	\$	2,950
	Category Total	1	\$	2,950
	Country Total Authorized	1	\$	2,950
	Country Total Shipped			

MONGOLIA

Category VII

	Tanks and Military Vehicles			
(h)	Technical data	1	\$	500
	Category Total	1	\$	500

Country

Quantity

Value

**MONGOLIA
(Continued)**

Category XI

	Military Electronics			
(c)	Components, parts and associated equipment	4	\$	1,064
	Category Total	4	\$	1,064
	Country Total Authorized	5	\$	1,564
	Country Total Shipped			

MONTENEGRO

Category VIII

	Aircraft and Associated Equipment			
(h)	Components, parts and associated equipment	2	\$	6,500
	Category Total	2	\$	6,500

Category X

	Protective Personnel Equipment and Shelters			
(a)	Protective personnel equipment	170	\$	34,680

Category Total	170	\$	34,680
Country Total Authorized	172	\$	41,180
Country Total Shipped			

MONTSERRAT

Category III

	Ammunition/Ordnance		
* (a)	Ammunition/ordnance for Categories I & II articles	40,000	\$ 15,450
	Category Total	40,000	\$ 15,450
	Country Total Authorized	40,000	\$ 15,450
	Country Total Shipped		

MOROCCO

Category I

	Firearms, Close Assault Weapons and Combat Shotguns		
* (a)	Nonautomatic and semi-automatic firearms	14	\$ 64,000
(f)	Riflescopes	7	\$ 3,580
	Category Total	21	\$ 67,580

Category IV

	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
(h)	Components, parts and associated equipment	168	\$ 18,725

Country

Quantity

Value

**MOROCCO
(Continued)**

*Category IV
(continued)*

	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
(i)	Technical data	16	\$ 2,505
	Category Total	184	\$ 21,230

<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(c) Pyrotechnics, fuels and related substances	50	\$	2,390
	Category Total	50	\$	239
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	23	\$	25,093
	Category Total	23	\$	25,093
<i>Category VII</i>	Tanks and Military Vehicles			
	* (a) Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	176	\$	35,882,000
	(g) Components, parts and associated equipment	3,241	\$	2,766,304
	(h) Technical data	34	\$	7,291
	Category Total	3,451	\$	38,655,595
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (b) Military aircraft engines	1	\$	1,039,500
	* (c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	50	\$	11,480
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	10	\$	166,500
	(h) Components, parts and associated equipment	21,012	\$	45,098,309
	(i) Technical data	16	\$	2,936
	Category Total	21,089	\$	46,318,725

Country

Quantity

Value

MOROCCO
(Continued)

<i>Category IX</i>	Military Training Equipment and Training			
	(e) Technical data	1	\$	150
	Category Total	1	\$	150
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	80	\$	69,600
	Category Total	80	\$	69,600
<i>Category XI</i>	Military Electronics			
	*(a)(3)(i) Search radar systems	10	\$	1,225,000
	(a)(3)(vi) Ground air traffic control radar systems	340	\$	109,030
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	6	\$	129,349
	*(b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	22	\$	602,144
	(c) Components, parts and associated equipment	1,667	\$	4,558,465
	(d) Technical data	410	\$	170,416
	Category Total	2,455	\$	6,794,404
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	103	\$	16,936,311
	(e) Components, parts and associated equipment	5	\$	6,460
	(f) Technical data	2	\$	200

Category Total	110	\$	16,942,971
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<i>Country</i>		Quantity		Value
MOROCCO <i>(Continued)</i>				
<i>Category XIII</i>	Auxiliary Military Equipment			
	Cameras and specialized processing equipment.			
	(a) Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	1	\$	57,750
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	386	\$	19,167
	Category Total	387	\$	76,917
	Country Total Authorized	27,851	\$	108,974,655
	Country Total Shipped			
NEPAL				
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i) Technical data	1	\$	1
	Category Total	1	\$	1
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(i) Technical data	1	\$	1
	Category Total	1	\$	1
<i>Category IX</i>	Military Training Equipment and Training			
	(e) Technical data	1	\$	1
	Category Total	1	\$	1

<i>Category XI</i>	Military Electronics			
	(d) Technical data	1	\$	1
	Category Total	1	\$	1
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(f) Technical data	1	\$	1
	Category Total	1	\$	1
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(f) Technical data	1	\$	1
	Category Total	1	\$	1
	Country Total Authorized	6	\$	6
	Country Total Shipped			

Country

Quantity

Value

NETHERLANDS

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi- automatic firearms	208	\$	618,172
	*(e) Silencers, mufflers and sound and flash suppressors	45	\$	37,425
	(f) Riflescopes	5	\$	6,914
	*(g) Barrels, cylinders, receivers and complete breech mechanisms	19	\$	10,118
	(h) Components, parts and associated equipment	30,330	\$	690,672
	(i) Technical data	22	\$	2,465
	Category Total	30,629	\$	1,368,316
<i>Category II</i>	Guns and Armament			
	(j) Components, parts and associated equipment	276	\$	910,055
	(k) Technical data	1	\$	1,000
	Category Total	277	\$	911,055

<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	15,592,040	\$	628,352
	(b) Ammunition/ordnance handling equipment	195	\$	47,181
	(c) Tooling and equipment	31	\$	29,489
	* (d)(1) Guidance and control components	3,303	\$	373,532
	(d)(3) All other components, parts and associated equipment	125,648	\$	1,222,397
	(e) Technical data	5	\$	30,080
	Category Total	15,721,222	\$	2,331,031

<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	372	\$	2,414,280
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	1	\$	5,413

Country

Quantity

Value

**NETHERLANDS
(Continued)**

<i>Category IV (continued)</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	12	\$	1,650
	(h) Components, parts and associated equipment	19,251	\$	5,877,124
	(i) Technical data	64	\$	412,168
	Category Total	19,700	\$	8,710,635

<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a) Explosives	50	\$	623
	* (b) Propellants	14,700	\$	102,165
	(h) Technical data	2	\$	200
	Category Total	14,752	\$	102,988
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	22,147	\$	5,065,076
	(g) Technical data	12	\$	200,100
	Category Total	22,159	\$	5,265,176
<i>Category VII</i>	Tanks and Military Vehicles			
	* (a) Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	1	\$	40,000
	* (b) Military tanks, combat engineer vehicles, bridge launching vehicles, half-tracks and gun carriers	1	\$	4,000
	(g) Components, parts and associated equipment	246,192	\$	14,121,220
	(h) Technical data	16,231	\$	1,009,762
	Category Total	262,425	\$	15,174,982
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (a) Aircraft, including but not limited to helicopters, non- expansive balloons, drones and lighter-than-air aircraft	1	\$	2,200,000

Country

Quantity

Value

**NETHERLANDS
(Continued)**

*Category VIII
(continued)*

Aircraft and Associated
Equipment

	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	2	\$	54,766
	(h) Components, parts and associated equipment	185,963	\$	134,236,552
	(i) Technical data	169	\$	752,270
	Category Total	186,135	\$	13,724,388
<i>Category IX</i>	Military Training Equipment and Training			
	(a) Training equipment	83	\$	307,880
	(b) Simulation devices for the items covered by this subchapter	4	\$	197,618
	(c) Tooling and equipment	3	\$	9,727
	(d) Components, parts and associated equipment	300	\$	3,278,951
	(e) Technical data	28	\$	68,696
	Category Total	418	\$	3,862,872
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	21,795	\$	9,233,906
	(b) Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	55	\$	17,382
	(c) Tooling and equipment	31	\$	264,850
	(d) Components, parts and associated equipment	20,816	\$	1,421,254
	Category Total	42,697	\$	10,937,392
<i>Category XI</i>	Military Electronics			
	*(a)(1) Underwater sound equipment	5	\$	6,196,192
	*(a)(4) Electronic combat equipment	1	\$	839
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	33	\$	1,270,088

(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	3	\$	48,330
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<i>Country</i>		Quantity		Value
NETHERLANDS				
<i>(Continued)</i>				
<i>Category XI</i>	Military Electronics			
<i>(continued)</i>	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	293	\$	4,464,237
	(c) Components, parts and associated equipment	13,612	\$	32,976,202
	(d) Technical data	761	\$	2,199,520
	Category Total	14,708	\$	47,155,408
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	39	\$	2,621,400
	* (b) Lasers	54	\$	202,261
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	386	\$	6,382,446

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	447	\$	7,848,499
* (d)				
(e)	Components, parts and associated equipment	23,293	\$	25,152,483
(f)	Technical data	122	\$	29,163
	Category Total	24,341	\$	42,236,252

<i>Country</i>		Quantity		Value
NETHERLANDS				
<i>(Continued)</i>				
<i>Category XIII</i>	Auxiliary Military Equipment			
	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	8	\$	7,308
(d)				
(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	1,964	\$	176,090
	Category Total	1,972	\$	183,398
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	3,139	\$	421,193
* (f)				

	Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a) and vaccines with the sole purpose of protecting against biological agents identified in (b)	468	\$	8,007
	(m) Technical data	3	\$	474
	Category Total	3,610	\$	429,674
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(c) Global positioning System (GPS) receiving equipment	2,151	\$	2,546,914
	(d) Radiation-hardened microelectronics	38	\$	245,900
	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	6,767	\$	5,655,230
	(f) Technical data	45	\$	200,395
	Category Total	9,001	\$	8,648,439

<i>Country</i>		Quantity		Value
NETHERLANDS <i>(Continued)</i>				
<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment			
	Submersible vessels, manned or unmanned, tethered or untethered, designed or modified for military purposes, or powered by nuclear propulsion plants	5	\$	2,442,032
	(c) Components, parts and associated equipment	3	\$	399,546
	Category Total	8	\$	2,841,578
	Country Total Authorized	16,354,054	\$	287,402,784
	Country Total Shipped			

**NETHERLANDS
ANTILLES**

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	37	\$	20,752
	(g) Barrels, cylinders, receivers and complete breech mechanisms	2	\$	457
	(h) Components, parts and associated equipment	96	\$	5,599
	Category Total	135	\$	26,808
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	1,021,000	\$	184,690
	Category Total	1,021,000	\$	184,690
<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	5	\$	11,755
	(h) Technical data	10	\$	5,000
	Category Total	15	\$	16,755
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	1,248	\$	46,000,032
	Category Total	1,248	\$	46,000,032
<i>Category XI</i>	Military Electronics			
	(c) Components, parts and associated equipment	378	\$	91,902
	(d) Technical data	1	\$	100
	Category Total	379	\$	92,002
Country		Quantity		Value

**NETHERLANDS
ANTILLES
(Continued)**

Category XV Spacecraft Systems and
Associated Equipment

(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	309	\$	105,053
	Category Total	309	\$	105,053
	Country Total Authorized	1,023,086	\$	46,425,340
	Country Total Shipped			

**NEW
CALEDONIA**

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
* (a)	Nonautomatic and semi-automatic firearms	850	\$	358,793
(h)	Components, parts and associated equipment	126	\$	1,555
	Category Total	976	\$	360,348
<i>Category II</i>	Guns and Armament			
* (a)	Guns over caliber .50	1	\$	6,231
	Category Total	1	\$	6,231
<i>Category III</i>	Ammunition/Ordnance			
* (a)	Ammunition/ordnance for Categories I & II articles	1,406,800	\$	496,924
(d)(3)	All other components, parts and associated equipment	218,950	\$	29,933
	Category Total	1,625,750	\$	526,857
<i>Category VIII</i>	Aircraft and Associated Equipment			
(h)	Components, parts and associated equipment	1	\$	1,225
(i)	Technical data	1	\$	1
	Category Total	2	\$	1,226
	Country Total Authorized	1,626,729	\$	894,662
	Country Total Shipped			

<i>Country</i>		Quantity		Value
NEW ZEALAND				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	16,214	\$	5,851,323
	* (d) Combat shotguns	540	\$	61,050
	* (e) Silencers, mufflers and sound and flash suppressors	54	\$	5,480
	(f) Riflescopes	20	\$	18,445
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	2,483	\$	495,414
	(h) Components, parts and associated equipment	35,603	\$	752,122
	Category Total	54,914	\$	7,183,834
<i>Category II</i>	Guns and Armament			
	(j) Components, parts and associated equipment	36	\$	39,840
	(k) Technical data	2	\$	2
	Category Total	38	\$	39,842
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	29,824,364	\$	8,156,482
	* (d)(1) Guidance and control components	42,202	\$	61,940
	(d)(3) All other components, parts and associated equipment	29,306,843	\$	3,232,116
	Category Total	59,173,409	\$	11,450,538
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	224	\$	6,978

	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	902	\$	121,214
	(h)	Components, parts and associated equipment	258	\$	123,132
		Category Total	1,384	\$	251,324
Country			Quantity		Value
NEW ZEALAND (Continued)					
<i>Category V</i>		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(b)	Propellants	10,401	\$	192,099
	(h)	Technical data	1	\$	100
		Category Total	10,402	\$	192,199
<i>Category VI</i>		Vessels of War and Special Naval Equipment			
	*(c)	Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems	2	\$	12,782,127
	(f)	Components, parts and associated equipment	228	\$	12,797,715
		Category Total	230	\$	25,579,842
<i>Category VII</i>		Tanks and Military Vehicles			
	*(a)	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	3	\$	293,700
	(g)	Components, parts and associated equipment	53	\$	8,035,171
	(h)	Technical data	2	\$	2,000
		Category Total	58	\$	8,330,871

<i>Category XI</i>	Category Total	9,732	\$	2,882,807
	Military Electronics			
	* (a)(1) Underwater sound equipment	312	\$	608,620
	* (a)(2) Underwater acoustic active and passive countermeasures and counter-countermeasures	53	\$	94,340
	* (a)(3)(v) Imaging radar systems	6	\$	17,127,372
	* (a)(4) Electronic combat equipment	15	\$	7,200
	* (a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	118	\$	2,708,907
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	12	\$	7,607,568
	* (b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	43	\$	49,513,512
	(c) Components, parts and associated equipment	3,899	\$	51,714,057
	(d) Technical data	438	\$	178,031
	Category Total	4,896	\$	129,559,607

Country

Quantity

Value

NEW ZEALAND

(Continued)

Category XII

Fire Control, Range Finder, Optical and Guidance and Control Equipment

	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting			
* (a)	instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	732	\$	202,075
* (b)	Lasers	12	\$	12,393
	Infrared focal plane array detectors; image intensification and other night sighting			
* (c)	equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	296	\$	15,935,160
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros			
* (d)		4	\$	91,332
(e)	Components, parts and associated equipment	4,965	\$	915,697
(f)	Technical data	46	\$	1,400
	Category Total	6,055	\$	17,155,057
<i>Category XIII</i>	Auxiliary Military Equipment			
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components			
(b)		1,264	\$	2,020,172
	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter			
(e)		20	\$	31,050
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction			
(h)		3	\$	4,680
	Category Total	1,287	\$	2,055,902

<i>Country</i>		Quantity		Value
NEW ZEALAND				
<i>(Continued)</i>				
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	2,000	\$	52,000
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	100	\$	23,614
	(h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a) and vaccines with the sole purpose of protecting against biological agents identified in (b)	708	\$	10,457
	Category Total	2,808	\$	86,071
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	10	\$	700,000
	(c) Global positioning System (GPS) receiving equipment	8	\$	11,960
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	40	\$	99,190
	(f) Technical data	50	\$	1,250
	Category Total	108	\$	812,400
<i>Category XXI</i>	Miscellaneous Articles			
	(b) Technical data	1	\$	100,000

Category Total	1	\$	100,000
Country Total Authorized	59,267,007	\$	291,313,052
Country Total Shipped			

<i>Country</i>		Quantity		Value
NICARAGUA				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	3,701	\$	724,350
	(h) Components, parts and associated equipment	2,481	\$	35,704
	Category Total	6,182	\$	760,054
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	17,525,046	\$	803,320
	Category Total	17,525,046	\$	803,320
	Country Total Authorized	17,531,228	\$	1,563,374
	Country Total Shipped			
NIGER				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	1	\$	1,090
	Category Total	1	\$	1,090
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i) Technical data	1	\$	1,000
	Category Total	1	\$	1,000
<i>Category VIII</i>	Aircraft and Associated Equipment			

(h)	Components, parts and associated equipment	20,002	\$	4,012,480
(i)	Technical data	1	\$	1
	Category Total	20,003	\$	4,012,481
	Country Total Authorized	20,005	\$	4,014,571
	Country Total Shipped			

NIGERIA

Category VI

Vessels of War and Special Naval Equipment

(g)	Technical data	1	\$	500
	Category Total	1	\$	500

Country

Quantity

Value

**NIGERIA
(Continued)**

Category VII

Tanks and Military Vehicles

(g)	Components, parts and associated equipment	160	\$	338,838
(h)	Technical data	1	\$	65,000
	Category Total	161	\$	403,838

Category VIII

Aircraft and Associated Equipment

* (e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	1	\$	39,600
(h)	Components, parts and associated equipment	18	\$	22,211
(i)	Technical data	1	\$	5,000
	Category Total	20	\$	66,811

Category X

Protective Personnel Equipment and Shelters

(a)	Protective personnel equipment	800	\$	143,200
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	(b)	Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	2	\$	31,992
		Category Total	802	\$	175,192
<i>Category XI</i>		Military Electronics			
	* (a) (5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	15	\$	281,222
	* (b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	44	\$	778,704
	(c)	Components, parts and associated equipment	196	\$	328,154
	(d)	Technical data	401	\$	168,001
		Category Total	656	\$	1,556,081

Country

Quantity

Value

**NIGERIA
(Continued)**

<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	1	\$	1,126,000
	(e)	Components, parts and associated equipment	26	\$	21,973
	(f)	Technical data	11	\$	1,100
		Category Total		\$	1,149,073

38

Country Total Authorized	1,678	\$	3,351,495
Country Total Shipped			

NORWAY

Category I

	Firearms, Close Assault Weapons and Combat Shotguns		
* (a)	Nonautomatic and semi-automatic firearms	5,660	\$ 3,036,117
* (e)	Silencers, mufflers and sound and flash suppressors	111	\$ 46,299
(f)	Riflescopes	1	\$ 828
* (g)	Barrels, cylinders, receivers and complete breech mechanisms	334	\$ 90,012
(h)	Components, parts and associated equipment	45,800	\$ 858,803
(i)	Technical data	1	\$ 100
	Category Total	51,907	\$ 4,032,159

Category II

	Guns and Armament		
(c)	Devices for launching or delivering ordnance	2	\$ 69,168
(h)	Test and evaluation equipment	1	\$ 112
(i)	Autoloading systems for electronic programming of projectile function	4	\$ 51,278
(j)	Components, parts and associated equipment	5	\$ 50
(k)	Technical data	12	\$ 120,608
	Category Total		

Country

Quantity

Value

**NORWAY
(Continued)**

Category III

	Ammunition/Ordnance		
* (a)	Ammunition/ordnance for Categories I & II articles	10,526,125	\$ 2,260,108
* (d)(1)	Guidance and control components	442,400	\$ 277,288

	* (d)(2)	Safing, arming and fuzing components	10	\$	17
	(d)(3)	All other components, parts and associated equipment	19,758,200	\$	2,608,135
	(e)	Technical data	9	\$	900
		Category Total	30,726,744	\$	5,146,448
<i>Category IV</i>		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	385	\$	508,314
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	817	\$	968,993
	* (f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	7,350	\$	597,089
	(h)	Components, parts and associated equipment	16,336	\$	12,315,957
	(i)	Technical data	100	\$	16,800
		Category Total	24,988	\$	14,407,153
<i>Category V</i>		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (b)	Propellants	25,000	\$	405,250
	(c)	Pyrotechnics, fuels and related substances	640	\$	45,905
	(d)	Oxidizers	3,080	\$	49,830
	* (e)	Binders	37,245	\$	1,629,635
	(f)	Additives	6	\$	2,370
	(h)	Technical data	5	\$	500
		Category Total	65,976	\$	2,133,490

<i>Country</i>		Quantity	Value
NORWAY			
(Continued)			
<i>Category VI</i>	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	181	\$ 10,329,248
	(g) Technical data	1	\$ 100
	Category Total	182	\$ 10,329,348
<i>Category VII</i>	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	13,883	\$ 5,353,840
	(h) Technical data	22	\$ 48,000
	Category Total	13,905	\$ 5,401,840
<i>Category VIII</i>	Aircraft and Associated Equipment		
	* (b) Military aircraft engines	1	\$ 17,000,000
	(h) Components, parts and associated equipment	63,413	\$ 161,504,609
	(i) Technical data	28	\$ 4,864
	Category Total	63,442	\$ 178,509,473
<i>Category IX</i>	Military Training Equipment and Training		
	(a) Training equipment	170	\$ 46,513
	(b) Simulation devices for the items covered by this subchapter	16	\$ 134,909
	(d) Components, parts and associated equipment	4	\$ 870
	(e) Technical data	160	\$ 480
	Category Total	350	\$ 182,772
<i>Category X</i>	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	19,853	\$ 6,046,674
	(c) Tooling and equipment	75	\$ 1,214
	(d) Components, parts and associated equipment	250	\$ 15,286

<i>Category XI</i>	Category Total	20,178	\$	6,063,174
	Military Electronics			
	* (a) (1) Underwater sound equipment	1	\$	6,500
	* (a) (5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	54	\$	696,834
	(a) (7) Any experimental or developmental electronic equipment specifically designed or modified for military application	2	\$	230,000
	Country			
		Quantity		Value

**NORWAY
(Continued)**

*Category XI
(continued)*

	Military Electronics			
	* (b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	7	\$	355,590
	(c) Components, parts and associated equipment	6,358	\$	27,484,529
	(d) Technical data	1,368	\$	171,696
	Category Total	7,790	\$	28,945,149
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	47	\$	3,966,787
	* (b) Lasers	6,612	\$	5,894,458

	Infrared focal plane array detectors; image intensification and other night sighting			
* (c)	equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	960	\$	25,554,787
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	2	\$	499,500
* (d)				
(e)	Components, parts and associated equipment	21,622	\$	39,046,801
(f)	Technical data	25	\$	5,881
	Category Total	29,268	\$	74,968,214

<i>Country</i>		Quantity		Value
NORWAY				
(Continued)				
<i>Category XIII</i>	Auxiliary Military Equipment			
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	640	\$	176,175
	Category Total	640	\$	176,175
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	412	\$	4,122
	Category Total	412	\$	4,122
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	3,652	\$	111,258
	* (b) Fully automatic firearms	200	\$	327,200
	(f) Riflescopes	40	\$	41,106
	(h) Components, parts and associated equipment	41,012	\$	864,070
	Category Total	44,904	\$	1,343,634
<i>Category II</i>	Guns and Armament			
	* (a) Guns over caliber .50	6	\$	989,622
	(k) Technical data	7	\$	33,100
	Category Total	13	\$	1,022,722
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	540	\$	1,638
	(d)(3) All other components, parts and associated equipment	9,000	\$	45,000
	(e) Technical data	10	\$	500
	Category Total	9,550	\$	47,138
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	140	\$	817,040
	(h) Components, parts and associated equipment	440	\$	1,003,593
	Category Total	580	\$	1,820,633

Country

Quantity

Value

**OMAN
(Continued)**

Category VI

Vessels of War and Special Naval Equipment

	(g)	Technical data	1	\$	225
		Category Total	1	\$	225
<i>Category VII</i>		Tanks and Military Vehicles			
		Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment			
	*(a)		4	\$	500,000
	(g)	Components, parts and associated equipment	2,641	\$	447,690
	(h)	Technical data	27	\$	16,000
		Category Total	2,672	\$	963,690
<i>Category VIII</i>		Aircraft and Associated Equipment			
		Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems			
	*(e)		1	\$	72,500
	(h)	Components, parts and associated equipment	2,793	\$	10,284,981
	(i)	Technical data	7	\$	2,700
		Category Total	2,801	\$	10,360,181
<i>Category IX</i>		Military Training Equipment and Training			
	(a)	Training equipment	32	\$	2,209
	(e)	Technical data	21	\$	20,500
		Category Total	53	\$	22,709
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(d)	Components, parts and associated equipment	12	\$	1,035
		Category Total	12	\$	1,035
<i>Category XI</i>		Military Electronics			
		Command, control and communications systems to include radios (transceivers), navigation and identification equipment			
	*(a)(5)		2	\$	177,252

(c)	Components, parts and associated equipment	226	\$	2,234,195
(d)	Technical data	473	\$	177,725
	Category Total	701	\$	2,589,172

Country

Quantity

Value

**OMAN
(Continued)**

Category XII

Fire Control, Range Finder, Optical and Guidance and Control Equipment

* (b)	Lasers	240	\$	320,940
* (c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	3	\$	153,777
* (d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	13	\$	2,929,035
(e)	Components, parts and associated equipment	36	\$	123,232
(f)	Technical data	17	\$	13,602
	Category Total	309	\$	3,540,586

Category XIV

Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment

* (f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	657	\$	209,776
	Category Total	657	\$	209,776

Country Total Authorized	62,253	\$	21,921,501
Country Total Shipped			

PAKISTAN

Category I

	Firearms, Close Assault Weapons and Combat Shotguns		
* (a)	Nonautomatic and semi-automatic firearms	1,590	\$ 1,023,351
* (b)	Fully automatic firearms	7	\$ 16,311
(f)	Riflescopes	10	\$ 7,280

Country

Quantity

Value

**PAKISTAN
(Continued)**

*Category I
(continued)*

	Firearms, Close Assault Weapons and Combat Shotguns Barrels, cylinders, receivers and complete breech mechanisms		
* (g)		20	\$ 17,064
(h)	Components, parts and associated equipment	2,670	\$ 246,804
	Category Total	4,297	\$ 1,310,810

Category II

	Guns and Armament		
(j)	Components, parts and associated equipment	1	\$ 44,643
	Category Total	1	\$ 44,643

Category III

	Ammunition/Ordnance		
* (a)	Ammunition/ordnance for Categories I & II articles	540,525	\$ 1,225,267
* (d)(2)	Safing, arming and fuzing components	9,510	\$ 1,979,520
(d)(3)	All other components, parts and associated equipment	20	\$ 2,000
(e)	Technical data	160	\$ 3,680
	Category Total	550,215	\$ 3,210,467

Category IV

Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines

*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	520	\$	83,500
*(b)	Launch vehicles and missile and anti-missile systems	2	\$	200,000
(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	1,620	\$	6,213,890
*(f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	1,615	\$	57,590
(h)	Components, parts and associated equipment	66,613	\$	5,753,955
(i)	Technical data	75	\$	94,977
	Category Total	70,445	\$	12,403,912

Country

Quantity

Value

**PAKISTAN
(Continued)**

Category V

Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents

*(b)	Propellants	4,001	\$	61,735
(f)	Additives	23	\$	18,055
	Category Total	4,024	\$	79,790

Category VI

Vessels of War and Special Naval Equipment

(b)	Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	4	\$	64,000
(f)	Components, parts and associated equipment	12	\$	3,168
	Category Total		\$	67,168

		16		
<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	22,618	\$	965,932
	(h) Technical data	106	\$	48,895
	Category Total	22,724	\$	1,014,827
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (b) Military aircraft engines	3	\$	20,020,000
	(d) Launching and recovery equipment for the articles in (a)	24	\$	27,954
	(h) Components, parts and associated equipment	93,581	\$	50,474,641
	(i) Technical data	27	\$	262,200
	Category Total	93,635	\$	70,784,795
<i>Category IX</i>	Military Training Equipment and Training			
	(d) Components, parts and associated equipment	30	\$	8,520
	(e) Technical data	1,000	\$	800,000
	Category Total	1,030	\$	808,520
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	512	\$	462,179
	(d) Components, parts and associated equipment	3,973	\$	470,644
	(e) Technical data	1	\$	50,000
	Category Total	4,486	\$	982,823

Country

Quantity

Value

**PAKISTAN
(Continued)**

Category XI

Military Electronics

* (a) (5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	15	\$	137,970
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	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	50	\$	47,500
(a)(6)				
(c)	Components, parts and associated equipment	1,400,591	\$	3,059,049
(d)	Technical data	97	\$	127,830
	Category Total	1,400,753	\$	3,372,349
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	3	\$	113,250
* (a)				
* (b)	Lasers	1,035	\$	1,128,910
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	723	\$	33,425,278
* (c)				
* (d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1,211	\$	5,124,560
(e)	Components, parts and associated equipment	6,448	\$	22,111,580
(f)	Technical data	10	\$	950
	Category Total	9,430	\$	61,904,528

Country

Quantity

Value

PAKISTAN
(Continued)

<i>Category XIII</i>	Auxiliary Military Equipment			
	(g) Concealment and deception equipment	20	\$	1,470
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	4	\$	126,000
	Category Total	24	\$	127,470
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	10	\$	6,429
	Category Total	10	\$	6,429
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(f) Technical data	1	\$	11,000
	Category Total	1	\$	11,000
<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment			
	(c) Components, parts and associated equipment	18	\$	20,226
	Category Total	18	\$	20,226
	Country Total Authorized	2,161,109	\$	156,149,757
	Country Total Shipped			

PANAMA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	776	\$	237,286
	* (c) Firearms and other weapons	50	\$	500,000

<i>Category III</i>	Category Total	826	\$	737,286
	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	260,000	\$	80,600
	Category Total	260,000	\$	80,600
	Country	Quantity		Value
	PANAMA			
	(Continued)			
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(c) Pyrotechnics, fuels and related substances	100	\$	4,800
	Category Total	100	\$	4,800
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	2	\$	404,142
	Category Total	2	\$	404,142
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	1	\$	76,000
	(i) Technical data	1	\$	10,000
	Category Total	2	\$	86,000
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(d) Components, parts and associated equipment	2,000	\$	20,000
<i>Category XI</i>	Category Total	2,000	\$	20,000
	Military Electronics			

**PAPUA NEW
GUINEA**

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (c) Firearms and other weapons	25	\$	19,075
	Category Total	25	\$	19,075
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	2	\$	329,500
	Category Total	2	\$	329,500
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	10	\$	900
	Category Total	10	\$	900

Country

Quantity

Value

**PAPUA NEW
GUINEA
(Continued)**

<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyroscopes	1	\$	84,835
	Category Total	1	\$	84,835

<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment * ^(f) specifically designed or modified for military operations and compatibility with military equipment	14,700	\$	201,740
	Category Total	14,700	\$	201,740
	Country Total Authorized	14,738	\$	636,050
	Country Total Shipped			

PARAGUAY

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* ^(a) Nonautomatic and semi- automatic firearms	569	\$	129,219
	^(h) Components, parts and associated equipment	100	\$	1,575
	Category Total	669	\$	130,794
<i>Category III</i>	Ammunition/Ordnance			
	* ^(a) Ammunition/ordnance for Categories I & II articles	3,048,585	\$	579,259
	^(d) ⁽³⁾ All other components, parts and associated equipment	1,934,800	\$	77,130
	Category Total	4,983,385	\$	656,389
<i>Category VIII</i>	Aircraft and Associated Equipment			
	^(h) Components, parts and associated equipment	4	\$	6,656

Country

Quantity

Value

**PARAGUAY
(Continued)**

<i>Category VIII (continued)</i>	Aircraft and Associated Equipment			
	⁽ⁱ⁾ Technical data	1	\$	1,000
	Category Total	5	\$	7,656
	Country Total Authorized		\$	794,839

4,984,059

Country Total Shipped

PERU

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	2,698	\$	1,002,629
	* (b) Fully automatic firearms	1	\$	659
	(h) Components, parts and associated equipment	1,301	\$	21,344
	Category Total	4,000	\$	1,024,632
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	7,849,020	\$	1,168,600
	Category Total	7,849,020	\$	1,168,600
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h) Components, parts and associated equipment	6,262	\$	87,088
	Category Total	6,262	\$	87,088
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	1,068	\$	19,169,387
	(i) Technical data	132	\$	131,500
	Category Total	1,200	\$	19,300,887
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	6	\$	8,672
	(d) Components, parts and associated equipment	26	\$	20,328
	Category Total	32	\$	29,000

<i>Country</i>		Quantity	Value
PERU (Continued)			
<i>Category XI</i>	Military Electronics		
	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	1	\$ 126,000
	(b) Components, parts and associated equipment	2,021	\$ 1,607,717
	(d) Technical data	23	\$ 2,200
	Category Total	2,045	\$ 1,735,917
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	(b) Lasers	52	\$ 58,238
	(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	267	\$ 1,894,910
	(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	7	\$ 307,509
	(e) Components, parts and associated equipment	886	\$ 252,660
	(f) Technical data	224	\$ 1,773
	Category Total	1,436	\$ 2,515,090
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	10,793	\$ 176,130

* (f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	1,779	\$	35,224
	Category Total	12,572	\$	211,354

<i>Country</i>	Quantity	Value
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PERU (Continued)

Category XV

Spacecraft Systems and Associated Equipment

(f)	Technical data	2	\$	200
	Category Total	2	\$	200
	Country Total Authorized	7,876,569	\$	26,072,768
	Country Total Shipped			

PHILIPPINES

Category I

Firearms, Close Assault Weapons and Combat Shotguns

* (a)	Nonautomatic and semi-automatic firearms	16,298	\$	7,073,662
* (b)	Fully automatic firearms	67	\$	64,358
* (c)	Firearms and other weapons	113	\$	76,180
* (g)	Barrels, cylinders, receivers and complete breech mechanisms	4,959	\$	689,612
(h)	Components, parts and associated equipment	157,438	\$	2,556,176
	Category Total	178,875	\$	10,459,988

Category III

Ammunition/Ordnance

* (a)	Ammunition/ordnance for Categories I & II articles	8,492,060	\$	2,914,362
(b)	Ammunition/ordnance handling equipment	1	\$	35,532
(c)	Tooling and equipment	22	\$	310,840
* (d)(1)	Guidance and control components	66	\$	37,051

<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	36,794	\$	12,051,275
	Category Total	36,794	\$	12,051,275
<i>Category XI</i>	Military Electronics			
	* (a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	109	\$	100,071,682
	* (b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	34	\$	543,038
	(c) Components, parts and associated equipment	901,779	\$	2,571,558
	(d) Technical data	3	\$	2,100
	Category Total	901,925	\$	103,188,378

Country

Quantity

Value

**PHILIPPINES
(Continued)**

<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	17	\$	24,072

	* (b)	Lasers	25	\$	25,105
		Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices			
	* (c)		27	\$	96,945
		Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros			
	* (d)		1	\$	200,000
	(e)	Components, parts and associated equipment	57	\$	35,910
	(f)	Technical data	2	\$	100
		Category Total	129	\$	382,132
<i>Category XIII</i>		Auxiliary Military Equipment			
		Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter			
	(e)		5	\$	389,200
		Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction			
	(h)		2	\$	2,222
	(l)	Technical data	1	\$	50,000
		Category Total	8	\$	441,422

<i>Country</i>			Quantity		Value
PHILIPPINES					
<i>(Continued)</i>					
<i>Category XV</i>		Spacecraft Systems and Associated Equipment			

(b)	Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	1	\$	50,000
	Category Total	1	\$	50,000
	Country Total Authorized	190,011,248	\$	149,207,093
	Country Total Shipped			

POLAND

Category I

	Firearms, Close Assault Weapons and Combat Shotguns			
*(a)	Nonautomatic and semi-automatic firearms	681	\$	352,307
(f)	Riflescopes	152	\$	75,600
*(g)	Barrels, cylinders, receivers and complete breech mechanisms	50	\$	12,146
(h)	Components, parts and associated equipment	303	\$	13,529
	Category Total	1,186	\$	453,582

Category II

	Guns and Armament			
*(a)	Guns over caliber .50	1	\$	200,000
(j)	Components, parts and associated equipment	10	\$	19,758
	Category Total	11	\$	219,758

Category III

	Ammunition/Ordnance			
*(a)	Ammunition/ordnance for Categories I & II articles	3,454,000	\$	915,680
(d)(3)	All other components, parts and associated equipment	122,500	\$	612,500
(e)	Technical data	10	\$	500
	Category Total	3,576,510	\$	1,528,680

Category IV

Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines

<i>Country</i>		<i>Quantity</i>	<i>\$</i>	<i>Value</i>
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	1	\$	4,500
<i>POLAND</i> <i>(Continued)</i>				
<i>Category IV</i> <i>(continued)</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	8	\$	5,680
	(h) Components, parts and associated equipment	3,010	\$	97,011
	(i) Technical data	28	\$	14,000
	Category Total	3,047	\$	121,191
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(d) Oxidizers	2,000	\$	8,700
	Category Total	2,000	\$	8,700
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	8	\$	9,038
	Category Total	8	\$	9,038
<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	613	\$	625,411
	(h) Technical data	53	\$	25,831
	Category Total	666	\$	651,242
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (b) Military aircraft engines	2	\$	84,823,320

<i>Category XII</i>	Category Total	1,620	\$	35,046,398
	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting * <i>(a)</i> instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	10	\$	250,000
	* <i>(b)</i> Lasers	165	\$	418,903
	Infrared focal plane array detectors; image intensification and other night sighting * <i>(c)</i> equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	605	\$	5,634,557

Country

Quantity

Value

**POLAND
(Continued)**

*Category XII
(continued)*

Fire Control, Range Finder,
Optical and Guidance and
Control Equipment

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in * <i>(d)</i> Category VIII; astro-compasses and star trackers and military accelerometers and gyros	230	\$	619,850
	<i>(e)</i> Components, parts and associated equipment	15,517	\$	2,771,201
	<i>(f)</i> Technical data	5	\$	54

Category XIII

Category Total	16,532	\$	9,694,565
Auxiliary Military Equipment			

	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	1,400	\$	68,628
		Category Total	1,400	\$	68,628
<i>Category XIV</i>		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	* (f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	20	\$	635
		Category Total	20	\$	635
<i>Category XV</i>		Spacecraft Systems and Associated Equipment			
	(b)	Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	10	\$	700,000
	(c)	Global positioning System (GPS) receiving equipment	1	\$	1,015
		Category Total	11	\$	701,015
<i>Category XX</i>		Submersible Vessels, Oceanographic and Associated Equipment			
	* (b)	Swimmer delivery vehicles	13	\$	737,539
	(c)	Components, parts and associated equipment	49	\$	243,621
		Country		Quantity	Value
		POLAND			
		(Continued)			
<i>Category XX</i> <i>(continued)</i>		Submersible Vessels, Oceanographic and Associated Equipment			
	(d)	Technical data	1	\$	11,278
		Category Total	63	\$	992,438
		Country Total Authorized	3,676,072	\$	346,240,797

Country Total Shipped

PORTUGAL

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	66	\$	12,191
	* (b) Fully automatic firearms	3	\$	35,600
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	1	\$	374
	(h) Components, parts and associated equipment	655	\$	6,684
	Category Total	725	\$	54,849
<i>Category II</i>	Guns and Armament			
	(g) Tooling and equipment	4	\$	6,136
	(j) Components, parts and associated equipment	1	\$	48,809
	Category Total	5	\$	54,945
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	1,444,600	\$	768,274
	Category Total	1,444,600	\$	768,274
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h) Components, parts and associated equipment	3	\$	6,405
	Category Total	3	\$	6,405
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(c) Pyrotechnics, fuels and related substances	623	\$	30,390
	Category Total	623	\$	30,390

Country

Quantity

Value

PORTUGAL
(Continued)

<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	15	\$	14,393
	(g) Technical data	1	\$	100
	Category Total	16	\$	14,493
<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	1,102	\$	219,495
	(h) Technical data	39	\$	19,500
	Category Total	1,141	\$	238,995
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	39	\$	419,756
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	7	\$	174,285
	(h) Components, parts and associated equipment	23,253	\$	38,294,547
	(i) Technical data	55	\$	170,379
	Category Total	23,354	\$	39,058,967
<i>Category IX</i>	Military Training Equipment and Training			
	(d) Components, parts and associated equipment	5	\$	29,165
	(e) Technical data	9	\$	4,500
	Category Total	14	\$	33,665
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	4	\$	494

1,518,039

Country Total Shipped

QATAR

Category I

Firearms, Close Assault
Weapons and Combat Shotguns

* (a)	Nonautomatic and semi-automatic firearms	7	\$	4,693
* (d)	Combat shotguns	2	\$	5,398
* (g)	Barrels, cylinders, receivers and complete breech mechanisms	1	\$	312
(h)	Components, parts and associated equipment	260	\$	2,077
(i)	Technical data	1	\$	100
	Category Total	271	\$	12,580

Category II

Guns and Armament

(k)	Technical data	1	\$	100
	Category Total	1	\$	100

Category III

Ammunition/Ordnance

(e)	Technical data	1	\$	100
	Category Total	1	\$	100

Country

Quantity

Value

QATAR
(Continued)

Category IV

Launch Vehicles, Guided
Missiles, Ballistic Missiles,
Rockets, Torpedoes, Bombs
and Mines

		Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	7	\$	145,390
	(h)	Components, parts and associated equipment	1,020	\$	2,266,993
	(i)	Technical data	3	\$	2,125
		Category Total	1,030	\$	2,414,508
<i>Category VI</i>		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	6	\$	367,002
		Category Total	6	\$	367,002
<i>Category VII</i>		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	1	\$	1,200
	(h)	Technical data	3	\$	1,100
		Category Total	4	\$	2,300
<i>Category VIII</i>		Aircraft and Associated Equipment			
	* (a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	2	\$	460,000,000
	* (e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	18	\$	492,894
	(h)	Components, parts and associated equipment	200	\$	73,033,735
	(i)	Technical data	19	\$	4,360
		Category Total	239	\$	533,530,989
<i>Category IX</i>		Military Training Equipment and Training			
	(e)	Technical data	27	\$	1,500
		Category Total	27	\$	1,500
<i>Category X</i>		Protective Personnel Equipment and Shelters			

	(a)	Protective personnel equipment	8,500	\$	4,380,000
		Category Total	8,500	\$	4,380,000
Country			Quantity		Value
QATAR (Continued)					
<i>Category XI</i>		Military Electronics			
	* (a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	101	\$	101,200,000
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	2	\$	15,050,000
	* (b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	30	\$	2,707,420
	(c)	Components, parts and associated equipment	119	\$	29,791,048
	(d)	Technical data	409	\$	172,800
		Category Total	661	\$	148,921,268
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (a)	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	3	\$	4,875,000
	* (b)	Lasers	1	\$	20,000,000

	Infrared focal plane array detectors; image intensification and other night sighting			
* (c)	equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	12	\$	482,938
(e)	Components, parts and associated equipment	34	\$	163,903
(f)	Technical data	7	\$	1,110
	Category Total	57	\$	25,522,951

<i>Country</i>		Quantity		Value
<i>QATAR</i>				
<i>(Continued)</i>				
<i>Category XIII</i>	Auxiliary Military Equipment			
	Cameras and specialized processing equipment.			
(a)	Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	1	\$	1,000,000
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components			
(b)		1	\$	1,500,000
(g)	Concealment and deception equipment	1	\$	150,000
	Category Total	3	\$	2,650,000
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment			
* (f)		500	\$	2,588,000
	Category Total	500	\$	2,588,000

<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(c) Global positioning System (GPS) receiving equipment	1	\$	180,000
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	1	\$	1,200,000
	Category Total	2	\$	1,380,000
	Country Total Authorized	11,302	\$	721,771,298
	Country Total Shipped			

ROMANIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi-automatic firearms	3	\$	299

Country

Quantity

Value

**ROMANIA
(Continued)**

<i>Category I (continued)</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	(i) Technical data	1	\$	5,000
	Category Total	4	\$	5,299

<i>Category III</i>	Ammunition/Ordnance			
	*(a) Ammunition/ordnance for Categories I & II articles	50,496	\$	1,036,597
	(d)(3) All other components, parts and associated equipment	5,000	\$	500
	(e) Technical data	3	\$	99,752
	Category Total	55,499	\$	1,136,849

<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
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		Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	56	\$	53,027
	(h)	Components, parts and associated equipment	20	\$	560
	(i)	Technical data	3	\$	5,000
		Category Total	79	\$	58,587
<i>Category VI</i>		Vessels of War and Special Naval Equipment			
	(g)	Technical data	3	\$	175,720
		Category Total	3	\$	175,720
<i>Category VII</i>		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	292	\$	26,734
	(h)	Technical data	25	\$	1,110,100
		Category Total	317	\$	1,136,834
<i>Category VIII</i>		Aircraft and Associated Equipment			
	* (e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	14	\$	1,694,154
	(h)	Components, parts and associated equipment	242	\$	2,955,464
	(i)	Technical data	76	\$	216,301
		Category Total	332	\$	4,865,919
	Country			Quantity	Value
	ROMANIA				
	(Continued)				
<i>Category IX</i>		Military Training Equipment and Training			
	(b)	Simulation devices for the items covered by this subchapter	1	\$	1,325,000
	(c)	Tooling and equipment	25	\$	98,939

	(d)	Components, parts and associated equipment	98	\$	66,696
		Category Total	124	\$	1,490,635
<i>Category XI</i>		Military Electronics			
	*(a)(3)(i)	Search radar systems	17	\$	95,983,496
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	38	\$	1,500,235
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	67	\$	1,919,481
	(c)	Components, parts and associated equipment	801	\$	5,454,275
	(d)	Technical data	1,492	\$	187,850
		Category Total	2,415	\$	105,045,337
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	10	\$	434,682
	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	31	\$	4,273,000
	(e)	Components, parts and associated equipment	196	\$	25,034
	(f)	Technical data	1	\$	32,660
		Category Total	238	\$	4,765,376
Country			Quantity		Value

ROMANIA
(Continued)

<i>Category XIII</i>	Auxiliary Military Equipment			
	(c) Self-contained diving and underwater breathing apparatus	1,126	\$	348,780
	Category Total	1,126	\$	348,780
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	58	\$	75,156
	Category Total	58	\$	75,156
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(c) Global positioning System (GPS) receiving equipment	1	\$	2,599
	Category Total	1	\$	2,599
	Country Total Authorized	60,196	\$	119,107,136
	Country Total Shipped			

RUSSIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi-automatic firearms	899	\$	403,497
	(h) Components, parts and associated equipment	2	\$	436
	(i) Technical data	2	\$	2
	Category Total	903	\$	403,935
<i>Category III</i>	Ammunition/Ordnance			
	*(a) Ammunition/ordnance for Categories I & II articles	1,327,000	\$	546,668
	(d)(3) All other components, parts and associated equipment	5,343,854	\$	643,720
	(e) Technical data	1	\$	1,000
	Category Total		\$	1,191,388

		6,670,855		
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (b) Launch vehicles and missile and anti-missile systems	2	\$	11,746,211
	Country	Quantity		Value
	RUSSIA (Continued)			
<i>Category IV</i> <i>(continued)</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h) Components, parts and associated equipment	14	\$	19,304
	(i) Technical data	5	\$	295,200
	Category Total	21	\$	12,060,715
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(h) Technical data	1	\$	1,000
	Category Total	1	\$	1,000
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	1	\$	18,950
	(h) Components, parts and associated equipment	37	\$	77,916
	(i) Technical data	3	\$	201,000
	Category Total	41	\$	297,866
<i>Category IX</i>	Military Training Equipment and Training			
	(c) Tooling and equipment	39	\$	450,273
	Category Total	39	\$	450,273

<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	15	\$	5,942,783
	Category Total	15	\$	5,942,783
<i>Category XI</i>	Military Electronics			
	(c) Components, parts and associated equipment	265	\$	1,620,366
	Category Total	265	\$	1,620,366

<i>Country</i>		Quantity		Value
<i>RUSSIA</i> <i>(Continued)</i>				
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	10	\$	52,000
	(e) Components, parts and associated equipment	26	\$	20,323
	Category Total	36	\$	72,323
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(c) Global positioning System (GPS) receiving equipment	222	\$	1,112,004
	(d) Radiation-hardened microelectronics	552	\$	3,244,572

	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	6,375	\$	22,477,674
(e)				
(f)	Technical data	85	\$	29,937
	Category Total	7,234	\$	26,864,187
	Country Total Authorized	6,679,410	\$	48,904,836
	Country Total Shipped			

RWANDA

<i>Category VII</i>	Tanks and Military Vehicles			
(h)	Technical data	1	\$	500
	Category Total	1	\$	500
<i>Category IX</i>	Military Training Equipment and Training			
(a)	Training equipment	2,400	\$	19,944
	Category Total	2,400	\$	19,944
<i>Category X</i>	Protective Personnel Equipment and Shelters			
(a)	Protective personnel equipment	2,600	\$	442,352
	Category Total	2,600	\$	442,352

Country

Quantity

Value

**RWANDA
(Continued)**

<i>Category XI</i>	Military Electronics			
(c)	Components, parts and associated equipment	25	\$	10,068
	Category Total	25	\$	10,068
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros			
* (d)		1	\$	200,000
	Category Total	1	\$	200,000
	Country Total Authorized	5,027	\$	672,864
	Country Total Shipped			

SAIPAN

Category VIII

	Aircraft and Associated Equipment			
(h)	Components, parts and associated equipment	36	\$	2,446
	Category Total	36	\$	2,446
	Country Total Authorized	36	\$	2,446
	Country Total Shipped			

SAN MARINO

Category I

	Firearms, Close Assault Weapons and Combat Shotguns			
* (a)	Nonautomatic and semi-automatic firearms	2	\$	625
	Category Total	2	\$	625
	Country Total Authorized	2	\$	625
	Country Total Shipped			

Country

Quantity

Value

SAUDI ARABIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	221	\$	307,030
	* (b) Fully automatic firearms	19	\$	14,117
	* (d) Combat shotguns	5	\$	6,223
	* (e) Silencers, mufflers and sound and flash suppressors	600	\$	277,020
	(f) Riflescopes	24	\$	50,031
	(h) Components, parts and associated equipment	50	\$	33,000
	(i) Technical data	919	\$	687,421
	Category Total			
<i>Category II</i>	Guns and Armament			
	(j) Components, parts and associated equipment	410	\$	1,998,041
	(k) Technical data	206	\$	3,200
	Category Total	616	\$	2,001,241
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	39,240	\$	8,234,068
	(d)(3) All other components, parts and associated equipment	390,931	\$	714,475
	(e) Technical data	2	\$	300
	Category Total	430,173	\$	8,948,843
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	400	\$	34,600,000
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	1	\$	138,173

(h)	Components, parts and associated equipment	1,757	\$	11,217,225
(i)	Technical data	353	\$	22,502
	Category Total	2,511	\$	45,977,900

<i>Country</i>		Quantity		Value
SAUDI ARABIA				
	<i>(Continued)</i>			
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a) Explosives	28,274	\$	741,000
	* (b) Propellants	23,331	\$	360,463
	(f) Additives	4	\$	3,480
	(h) Technical data	1	\$	1
	Category Total	51,610	\$	1,104,944
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	1,056	\$	122,731
	(g) Technical data	2	\$	10,100
	Category Total	1,058	\$	132,831
<i>Category VII</i>	Tanks and Military Vehicles			
	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment			
	* (a)	6	\$	1,280,435
	* (e) Amphibious vehicles	150	\$	405,000
	* (f) Engines specifically designed or modified for the vehicles in (a), (b) and (e)	1	\$	1
	(g) Components, parts and associated equipment	102,863	\$	57,630,445
	(h) Technical data	7,099	\$	2,939,415
	Category Total	110,119	\$	62,255,296

<i>Category VIII</i>	Aircraft and Associated Equipment			
	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	* (a)	2	\$ 2,189,774
	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	* (e)	8	\$ 242,456
	Components, parts and associated equipment	(h)	608,626	\$ 263,122,333
	Technical data	(i)	317	\$ 211,540
	Category Total		608,953	\$ 265,766,103
<i>Category IX</i>	Military Training Equipment and Training			
	Training equipment	(a)	126	\$ 7,589,382
			Quantity	Value
	Country			
	SAUDI ARABIA			
	(Continued)			
<i>Category IX (continued)</i>	Military Training Equipment and Training			
	Simulation devices for the items covered by this subchapter	(b)	57	\$ 313,110
	Tooling and equipment	(c)	8	\$ 28,332
	Components, parts and associated equipment	(d)	1,340	\$ 783,092
	Technical data	(e)	26	\$ 14,100
	Category Total		1,557	\$ 8,728,016
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	Protective personnel equipment	(a)	277	\$ 363,178
	Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	(b)	2	\$ 31,662
	Components, parts and associated equipment	(d)	110	\$ 117,900
	Technical data	(e)		\$ 300

		3		
<i>Category XI</i>	Category Total	392	\$	513,040
	Military Electronics			
	* (a)(3)(iv) Moving target indication radar systems	4	\$	2,505,570
	* (a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	765	\$	17,649,933
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	145	\$	6,655,500
	* (b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	69	\$	3,333,784
	(c) Components, parts and associated equipment	21,730	\$	44,323,976
	(d) Technical data	376	\$	1,214,466
	Category Total	23,089	\$	75,683,229
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (b) Lasers	500	\$	400,000

Country

Quantity

Value

**SAUDI ARABIA
(Continued)**

<i>Category XII (continued)</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	165	\$	15,977,138

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	* (d)	435	\$	2,175,000
	Components, parts and associated equipment	(e)	671	\$	4,399,621
	Technical data	(f)	107	\$	36,580
	Category Total		1,878	\$	22,988,339
<i>Category XIII</i>	Auxiliary Military Equipment				
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	(b)	17	\$	301,292
	Self-contained diving and underwater breathing apparatus	(c)	2	\$	2,000,000
	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	(e)	1	\$	1,600
	Concealment and deception equipment	(g)	20,100	\$	1,206,000
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	(h)	200	\$	36,052
	Category Total		20,320	\$	3,544,944

<i>Country</i>		Quantity	Value
SAUDI ARABIA <i>(Continued)</i>			
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		

	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	150	\$	49,176
	Category Total	150	\$	49,176
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(c) Global positioning System (GPS) receiving equipment	119	\$	517,196
	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	54	\$	116,712
	(f) Technical data	1	\$	100
	Category Total	174	\$	634,008
<i>Category XVIII</i>	Directed Energy Weapons			
	(f) Technical data	5	\$	100
	Category Total	5	\$	100
	Country Total Authorized	1,253,529	\$	499,015,531
	Country Total Shipped			

SENEGAL

<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	9	\$	1,596
	Category Total	9	\$	1,596
	Country Total Authorized	9	\$	1,596
	Country Total Shipped			

SERBIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
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<i>Country</i>		Quantity	\$	Value
	* (a) Nonautomatic and semi-automatic firearms	214	\$	117,580
SERBIA <i>(Continued)</i>				
<i>Category I</i> <i>(continued)</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (b) Fully automatic firearms	33	\$	42,024
	(f) Riflescopes	14	\$	37,800
	(h) Components, parts and associated equipment	432	\$	14,380
	(i) Technical data	1	\$	100
	Category Total	694	\$	211,884
<i>Category II</i>	Guns and Armament			
	(k) Technical data	2	\$	200
	Category Total	2	\$	200
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	67,500	\$	48,330
	(e) Technical data	1	\$	100
	Category Total	67,501	\$	48,430
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	216	\$	49,528
	Category Total	216	\$	49,528
<i>Category XI</i>	Military Electronics			
	(d) Technical data	3	\$	300
	Category Total	3	\$	300
<i>Category XVI</i>	Nuclear Weapons, Design and Testing Related Items			
	* (c) Nuclear radiation detection and measurement devices	2	\$	13,788
	Category Total	2	\$	13,788
	Country Total Authorized	68,418	\$	324,130
	Country Total Shipped			

SIERRA LEONE

Category XI

	Military Electronics			
	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	18	\$	27,000
	(d) Technical data	1	\$	5,000
	Category Total	19	\$	32,000

<i>Country</i>		Quantity		Value
SIERRA LEONE <i>(Continued)</i>				
<i>Category XXI</i>	Miscellaneous Articles			
	(b) Technical data	1	\$	597,384
	Category Total	1	\$	597,384
	Country Total Authorized	20	\$	629,384
	Country Total Shipped			

SINGAPORE

Category I

	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi-automatic firearms	100	\$	161,561
	*(d) Combat shotguns	24	\$	12,239
	*(e) Silencers, mufflers and sound and flash suppressors	3	\$	2,715
	(f) Riflescopes	6	\$	15,311
	(h) Components, parts and associated equipment	8,204	\$	157,153
	(i) Technical data	2	\$	28,524
	Category Total	8,339	\$	377,503

Category II

	Guns and Armament			
	*(a) Guns over caliber .50		\$	21,125,226

	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	25	\$	9,979,968
	(h) Components, parts and associated equipment	96,881	\$	681,891,451
	(i) Technical data	51	\$	158,982
	Category Total	97,015	\$	4,443,079,945
<i>Category IX</i>	Military Training Equipment and Training			
	(a) Training equipment	8	\$	7,607,667
	(b) Simulation devices for the items covered by this subchapter	35	\$	51,645,678
	(d) Components, parts and associated equipment	105	\$	543,131
	(e) Technical data	39	\$	1,308,544
	Category Total	187	\$	61,105,020
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	3,012	\$	1,511,925
	(c) Tooling and equipment	440	\$	7,920
	(d) Components, parts and associated equipment	5,164	\$	310,770
	Category Total	8,616	\$	1,830,615
<i>Category XI</i>	Military Electronics			
	*(a)(1) Underwater sound equipment	1	\$	165,483
	*(a)(3)(i) Search radar systems	1	\$	3,734,820
	(a)(3)(vi) Ground air traffic control radar systems	51	\$	130,005,000
	*(a)(4) Electronic combat equipment	48,301	\$	2,512,325
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	145	\$	105,148,755

	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	78	\$	378,797
Country			Quantity		Value
SINGAPORE					
(Continued)					
<i>Category XI</i>					
<i>(continued)</i>					
		Military Electronics			
	* (b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	79	\$	8,248,764
	(c)	Components, parts and associated equipment	186,995	\$	51,091,955
	(d)	Technical data	967	\$	772,731
		Category Total	2,236,618	\$	302,058,630
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (a)	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	5	\$	438,000
	* (b)	Lasers	404	\$	318,766
	* (c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	2,011	\$	289,228,417

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	28	\$	1,090,542
(d)				
(e)	Components, parts and associated equipment	303,906	\$	44,387,127
(f)	Technical data	479	\$	75,333
	Category Total	306,833	\$	335,538,185

<i>Country</i>		Quantity		Value
SINGAPORE				
<i>(Continued)</i>				
<i>Category XIII</i>	Auxiliary Military Equipment			
	Cameras and specialized processing equipment.			
(a)	Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	200	\$	14,043
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	20	\$	187,890
(b)				
(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	18	\$	9,472
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	742	\$	113,957
(h)				
(l)	Technical data	16	\$	25,005
	Category Total	996	\$	350,367
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			

(d)	Tear gases and riot control agents	40	\$	20
* (f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	1,172	\$	1,051,322
(h)	Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a) and vaccines with the sole purpose of protecting against biological agents identified in (b)	30,076	\$	666,976
	Category Total	31,288	\$	1,718,318

Country

Quantity

Value

**SINGAPORE
(Continued)**

Category XV

Spacecraft Systems and Associated Equipment

(b)	Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	1	\$	2,584,000
(c)	Global positioning System (GPS) receiving equipment	2	\$	2,030
(d)	Radiation-hardened microelectronics	57	\$	83,106
(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	13,059	\$	15,575,472
(f)	Technical data	70	\$	82,659
	Category Total	13,189	\$	18,327,267

<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment			
	(c) Components, parts and associated equipment	7	\$	84,194
	Category Total	7	\$	84,194
	Country Total Authorized	6,364,605	\$	5,205,513,762
	Country Total Shipped			

SLOVAKIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi- automatic firearms	2,887	\$	878,971
	(f) Riflescopes	3	\$	2,788
	*(g) Barrels, cylinders, receivers and complete breech mechanisms	11	\$	635
	(h) Components, parts and associated equipment	8,957	\$	99,462
	Category Total	11,858	\$	981,856
<i>Category III</i>	Ammunition/Ordnance			
	*(a) Ammunition/ordnance for Categories I & II articles	5,337,250	\$	460,637

Country

Quantity

Value

**SLOVAKIA
(Continued)**

<i>Category III (continued)</i>	Ammunition/Ordnance			
	(d)(3) All other components, parts and associated equipment	890,000	\$	22,050
	Category Total	6,227,250	\$	482,687
<i>Category VII</i>	Tanks and Military Vehicles			
	(h) Technical data	2	\$	20,000
	Category Total	2	\$	20,000
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	4	\$	1,988

	Category Total	4	\$	1,988
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(e) Technical data	1	\$	45,000
	Category Total	1	\$	45,000
<i>Category XI</i>	Military Electronics			
	* (a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	2	\$	205,129
	(c) Components, parts and associated equipment	27	\$	75,697
	(d) Technical data	400	\$	168,000
	Category Total	429	\$	448,826
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (b) Lasers	45	\$	45,705
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	9	\$	65,036
	(e) Components, parts and associated equipment	360	\$	59,400
	(f) Technical data	3	\$	150
	Category Total	417	\$	170,291

Country

Quantity

Value

**SLOVAKIA
(Continued)**

Category XIV

Toxicological Agents,
Including Chemical Agents,
Biological Agents and
Associated Equipment

	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	15	\$	83,989
(f)				
(m)	Technical data	1	\$	1
	Category Total	16	\$	83,990
	Country Total Authorized	6,239,979	\$	2,234,638
	Country Total Shipped			

SLOVENIA

Category I

Firearms, Close Assault Weapons and Combat Shotguns

(a)	Nonautomatic and semi-automatic firearms	47	\$	14,828
(h)	Components, parts and associated equipment	282	\$	3,760
	Category Total	329	\$	18,588

Category II

Guns and Armament

(j)	Components, parts and associated equipment	24	\$	15,000
	Category Total	24	\$	15,000

Category III

Ammunition/Ordnance

(b)	Ammunition/ordnance handling equipment	1	\$	9,200
(d)(3)	All other components, parts and associated equipment	68,163	\$	560,984
(e)	Technical data	22	\$	1,200
	Category Total	68,186	\$	571,384

Category IV

Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines

(h)	Components, parts and associated equipment	93	\$	2,604
	Category Total	93	\$	2,604

Category VII

Tanks and Military Vehicles

(g)	Components, parts and associated equipment	24	\$	33,339
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<i>Country</i>		Quantity	Value
SLOVENIA			
(Continued)			
<i>Category VII</i> <i>(continued)</i>	Tanks and Military Vehicles		
	(h) Technical data	1	\$ 100,000
	Category Total	25	\$ 133,339
<i>Category VIII</i>	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	24	\$ 510,609
	Category Total	24	\$ 510,609
<i>Category X</i>	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	8,000	\$ 2,810,000
	(d) Components, parts and associated equipment	30	\$ 1,421
	Category Total	8,030	\$ 2,811,421
<i>Category XI</i>	Military Electronics		
	* (a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	14	\$ 476,590
	* (b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	20	\$ 45,910
	(c) Components, parts and associated equipment	826	\$ 862,970
	(d) Technical data	5	\$ 550
	Category Total	865	\$ 1,386,020
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	* (b) Lasers	2	\$ 2,200

	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	10	\$	357,534
	(e) Components, parts and associated equipment	1,071	\$	330,299
	Category Total	1,083	\$	690,033

Country

Quantity

Value

**SLOVENIA
(Continued)**

<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a) and vaccines with the sole purpose of protecting against biological agents identified in (b)	1,000	\$	20,250
	Category Total	1,000	\$	20,250
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(c) Global positioning System (GPS) receiving equipment	110	\$	209,000
	Category Total	110	\$	209,000
	Country Total Authorized	79,769	\$	6,368,248
	Country Total Shipped			

SOMALIA

Category XI

	Military Electronics			
	(c) Components, parts and associated equipment	10	\$	4,264
	Category Total	10	\$	4,264
	Country Total Authorized	10	\$	4,264

Country Total Shipped

SOUTH AFRICA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	2,849	\$	1,697,290
	(f) Riflescopes	1	\$	735
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	1,206	\$	411,375
	(h) Components, parts and associated equipment	9,716	\$	554,667
	Category Total	13,772	\$	2,664,067
<i>Category II</i>	Guns and Armament			
	(k) Technical data	1	\$	100
	Category Total	1	\$	100

Country

Quantity

Value

***SOUTH AFRICA
(Continued)***

<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	4,063,200	\$	724,520
	(c) Tooling and equipment	2	\$	49,500
	* (d)(1) Guidance and control components	189,500	\$	73,110
	(d)(3) All other components, parts and associated equipment	22,198,333	\$	3,408,930
	(e) Technical data	101	\$	20,925
	Category Total	26,451,136	\$	4,276,985
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	2	\$	454,446

<i>Category XIII</i>	Category Total	316	\$	1,589,625
	Auxiliary Military Equipment			
	(e) Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	4	\$	423,150
	Category Total	4	\$	423,150
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	28	\$	44,832
	Category Total	28	\$	44,832
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	25	\$	128,697
	(c) Global positioning System (GPS) receiving equipment	1	\$	2,408
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	11	\$	5,798
	(f) Technical data	1	\$	225
	Category Total	38	\$	137,128

Country

Quantity

Value

SOUTH AFRICA
(Continued)

<i>Category XVII</i>	Classified Articles, Technical Data and Defense Services Not Otherwise Enumerated			
	All articles, technical data and defense services which are classified in the interests of national security and which are not otherwise enumerated in the USML			
	(a)	1	\$	1,000
	Category Total	1	\$	1,000
<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment			
	(c) Components, parts and associated equipment	12	\$	120,000
	(d) Technical data	1	\$	1,000
	Category Total	13	\$	121,000
	Country Total Authorized	26,621,707	\$	119,094,467
	Country Total Shipped			

SOUTH KOREA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi-automatic firearms	969	\$	770,729
	*(c) Firearms and other weapons	61	\$	121,000
	*(e) Silencers, mufflers and sound and flash suppressors	42	\$	39,419
	(f) Riflescopes	63,000	\$	36,464,200
	*(g) Barrels, cylinders, receivers and complete breech mechanisms	228	\$	229,558
	(h) Components, parts and associated equipment	1,194,534	\$	43,061,006
	(i) Technical data	23	\$	83,440
	Category Total	1,258,857	\$	80,769,352
<i>Category II</i>	Guns and Armament			

(c)	Devices for launching or delivering ordnance	155	\$	20,502
(e)	Signature control materials, techniques and equipment	4	\$	964
(j)	Components, parts and associated equipment	24,831	\$	5,435,650
	Category Total	24,990	\$	5,457,116

<i>Country</i>		Quantity		Value
<i>SOUTH KOREA</i>				
	<i>(Continued)</i>			
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	48,350	\$	212,132
	(b) Ammunition/ordnance handling equipment	200	\$	15,000
	(c) Tooling and equipment	79	\$	405,446
	* (d)(1) Guidance and control components	3,500,000	\$	70,000
	* (d)(2) Safing, arming and fuzing components	50,000	\$	589,000
	(d)(3) All other components, parts and associated equipment	2,284,054	\$	450,009
	(e) Technical data	2	\$	200
	Category Total	5,882,685	\$	1,741,787
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	36	\$	489,527
	* (g) Non-nuclear warheads for rockets and guided missiles	157	\$	2,352,158
	(h) Components, parts and associated equipment	134,133	\$	80,898,457
	(i) Technical data	363	\$	65,443,107
	Category Total	134,689	\$	149,183,249

<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(c) Pyrotechnics, fuels and related substances	2,798	\$	257,635
	*(e) Binders	200	\$	20,800
	(f) Additives	580	\$	26,848
	(h) Technical data	1	\$	50
	Category Total	3,579	\$	305,333

<i>Country</i>		Quantity		Value
<i>SOUTH KOREA</i> <i>(Continued)</i>				
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	*(c) Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems	1	\$	18,224
	(f) Components, parts and associated equipment	2,574	\$	28,549,751
	(g) Technical data	209	\$	13,539
	Category Total	2,784	\$	28,581,514
<i>Category VII</i>	Tanks and Military Vehicles			
	*(a) Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	10	\$	930,000
	*(f) Engines specifically designed or modified for the vehicles in (a), (b) and (e)	26	\$	1,405,670

	(g)	Components, parts and associated equipment	323,859	\$	45,771,691
	(h)	Technical data	8,208	\$	7,910,171
		Category Total	332,103	\$	56,017,532
<i>Category VIII</i>		Aircraft and Associated Equipment			
	* (a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	35	\$	56,745,446
	* (b)	Military aircraft engines	8	\$	29,543,041
	* (c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	4	\$	16,400
	(d)	Launching and recovery equipment for the articles in (a)	142	\$	40,802
	* (e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	137	\$	6,563,144
	(h)	Components, parts and associated equipment	1,286,704	\$	863,289,193
		Country			Quantity
					Value
		SOUTH KOREA			
		<i>(Continued)</i>			
<i>Category VIII</i>		Aircraft and Associated Equipment			
<i>(continued)</i>	(i)	Technical data	1,739	\$	4,500,099
		Category Total	1,288,769	\$	960,698,125
<i>Category IX</i>		Military Training Equipment and Training			
	(a)	Training equipment	510	\$	3,890,379
	(b)	Simulation devices for the items covered by this subchapter	14	\$	5,077,853
	(c)	Tooling and equipment	5	\$	32,968
	(d)	Components, parts and associated equipment	726	\$	4,968,569
	(e)	Technical data	289	\$	6,279,817

	Category Total	1,544	\$	20,249,586
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	2,228	\$	833,125
	(c) Tooling and equipment	1,943	\$	4,955,148
	(d) Components, parts and associated equipment	615	\$	45,349
	(e) Technical data	10	\$	63,001
	Category Total	4,796	\$	58,966,223
<i>Category XI</i>	Military Electronics			
	*(a)(1) Underwater sound equipment	7,640	\$	14,321,119
	*(a)(3)(i) Search radar systems	1	\$	7,500,000
	*(a)(3)(iii) Tracking radar systems	6	\$	210,382
	(a)(3)(vi) Ground air traffic control radar systems	13	\$	244,278
	*(a)(4) Electronic combat equipment	478,604	\$	9,718,209
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	270	\$	21,509,649
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	35	\$	7,221,463
	*(b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	24	\$	129,363
	(c) Components, parts and associated equipment	56,810	\$	201,141,850

Country

Quantity

Value

**SOUTH KOREA
(Continued)**

<i>Category XI</i>	Military Electronics			
	(d) Technical data	844	\$	2,673,807
	Category Total	544,247	\$	264,670,120

<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting * <i>(a)</i> instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	26	\$	215,617,846
	* <i>(b)</i> Lasers	5,145	\$	53,407,938
	Infrared focal plane array detectors; image intensification and other night sighting * <i>(c)</i> equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	1,568	\$	15,682,551
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and * <i>(d)</i> stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	2,807	\$	19,084,523
	* <i>(e)</i> Components, parts and associated equipment	59,626	\$	29,724,410
	* <i>(f)</i> Technical data	652	\$	56,597
	Category Total	69,824	\$	333,573,865
<i>Category XIII</i>	Auxiliary Military Equipment			
	Cameras and specialized processing equipment. * <i>(a)</i> Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	114	\$	374,036

Country

Quantity

Value

SOUTH KOREA
(Continued)

Category XIII
(continued)

Auxiliary Military Equipment

(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	28	\$	1,553,880
(d)	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	408	\$	951,066
(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	3,539,789	\$	16,322,554
(f)	Structural materials	1	\$	267,679
(g)	Concealment and deception equipment	753	\$	1,681,141
(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	118	\$	159,112
(l)	Technical data	9	\$	602
	Category Total	3,541,220	\$	21,310,070

Category XIV

Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment

(d)	Tear gases and riot control agents	1,190	\$	59,880
* (f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	65,493	\$	954,125
(m)	Technical data	2	\$	100
	Category Total	66,685	\$	1,014,105

<i>Country</i>		Quantity	Value
<i>SOUTH KOREA</i> <i>(Continued)</i>			
<i>Category XV</i>	Spacecraft Systems and Associated Equipment		
	* <i>(a)</i> Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites	5	\$ 4,001,250
	<i>(b)</i> Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	2	\$ 7,920
	<i>(c)</i> Global positioning System (GPS) receiving equipment	11	\$ 204,818
	<i>(e)</i> Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	2,720	\$ 4,880,170
	<i>(f)</i> Technical data	128	\$ 185,418
	Category Total	2,866	\$ 9,279,576
<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment		
	<i>(c)</i> Components, parts and associated equipment	9	\$ 2,686
	<i>(d)</i> Technical data	1	\$ 6,210
	Category Total	10	\$ 8,896
	Country Total Authorized	13,160,648	\$ 1,938,756,849
	Country Total Shipped		

SPAIN

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	9,686	\$	5,116,451
	* (b) Fully automatic firearms	4	\$	4,300
	* (d) Combat shotguns	1	\$	499
	(f) Riflescopes	201	\$	172,655
Country		Quantity		Value

**SPAIN
(Continued)**

<i>Category I (continued)</i>	Firearms, Close Assault Weapons and Combat Shotguns Barrels, cylinders, receivers and complete breech mechanisms	10,624	\$	913,575
	(h) Components, parts and associated equipment	3,270	\$	288,793
	(i) Technical data	1	\$	500
	Category Total	23,787	\$	6,496,773
<i>Category II</i>	Guns and Armament			
	* (a) Guns over caliber .50	10	\$	2,800,000
	(g) Tooling and equipment	1	\$	100,000
	(h) Test and evaluation equipment	5	\$	293,051
	(j) Components, parts and associated equipment	51	\$	14,362,000
	(k) Technical data	21	\$	1,100
	Category Total	88	\$	17,556,151
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	40,384,089	\$	15,196,561
	* (d)(1) Guidance and control components	30,800	\$	15,426
	(d)(3) All other components, parts and associated equipment	86,019,831	\$	28,571,221
	(e) Technical data	24	\$	951

	Category Total	126,434,744	\$	43,784,159
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* <i>(a)</i> Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	17	\$	467,172
	<i>(c)</i> Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in <i>(a)</i> and <i>(b)</i>	116	\$	808,407
	<i>(h)</i> Components, parts and associated equipment	6,732	\$	3,147,349
	<i>(i)</i> Technical data	41	\$	1,251,301
	Category Total	6,906	\$	5,674,229

Country	Quantity	Value
SPAIN		
(Continued)		

<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	<i>(c)</i> Pyrotechnics, fuels and related substances	243	\$	48,911
	<i>(f)</i> Additives	7	\$	251,513
	<i>(h)</i> Technical data	1	\$	100
	Category Total	251	\$	300,524
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	<i>(f)</i> Components, parts and associated equipment	5,347	\$	20,803,366
	<i>(g)</i> Technical data	63	\$	5,602
	Category Total	5,410	\$	20,808,968
<i>Category VII</i>	Tanks and Military Vehicles			

	* (a)	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	10	\$	2,455,310
	(g)	Components, parts and associated equipment	107,049	\$	9,854,165
	(h)	Technical data	177	\$	792,909
		Category Total	107,236	\$	13,102,384
<i>Category VIII</i>		Aircraft and Associated Equipment			
	* (a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	7	\$	5,162,988
	(d)	Launching and recovery equipment for the articles in (a)	1	\$	980,000
	* (e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	30	\$	2,445,869
	(h)	Components, parts and associated equipment	2,609,113	\$	87,191,640
	(i)	Technical data	554	\$	339,361
		Category Total	2,609,705	\$	96,119,858
<i>Category IX</i>		Military Training Equipment and Training			
	(b)	Simulation devices for the items covered by this subchapter	48	\$	177,283
		Country			
					Quantity
					Value
		SPAIN			
		(Continued)			
<i>Category IX (continued)</i>		Military Training Equipment and Training			
	(d)	Components, parts and associated equipment	126	\$	393,945
	(e)	Technical data	36	\$	11,150
		Category Total	210	\$	582,378
<i>Category X</i>		Protective Personnel Equipment and Shelters			

	(a)	Protective personnel equipment	1,461	\$	318,771
	(d)	Components, parts and associated equipment	553	\$	35,067
	(e)	Technical data	2	\$	6,000
		Category Total	2,016	\$	359,838
<i>Category XI</i>		Military Electronics			
	* (a)(2)	Underwater acoustic active and passive countermeasures and counter-countermeasures	95	\$	141,150
	* (a)(3)(i)	Search radar systems	3	\$	7,362
	* (a)(4)	Electronic combat equipment	2,635	\$	616,126
	* (a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	186	\$	7,053,836
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	45	\$	1,992,988
	* (b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	346	\$	1,052,876
	(c)	Components, parts and associated equipment	87,882	\$	35,191,053
	(d)	Technical data	2,072	\$	369,958
		Category Total	93,264	\$	46,425,349

Country

Quantity

Value

**SPAIN
(Continued)**

Category XII

Fire Control, Range Finder,
Optical and Guidance and
Control Equipment

	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	20	\$	932,000
* (a)				
* (b)	Lasers	107	\$	747,846
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	349	\$	8,285,580
* (c)				
* (d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	85	\$	3,203,166
(e)	Components, parts and associated equipment	5,469	\$	9,732,998
(f)	Technical data	198	\$	55,255
	Category Total	6,228	\$	22,956,845

Category XIII

Auxiliary Military Equipment

	Cameras and specialized processing equipment.			
(a)	Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	1	\$	2,000

<i>Country</i>		<i>Quantity</i>	<i>\$</i>	<i>Value</i>
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	1	\$	2,250
<i>SPAIN</i> <i>(Continued)</i>				
<i>Category XIII</i> <i>(continued)</i>	Auxiliary Military Equipment			
	(e) Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	250	\$	50,000
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	386	\$	11,780
	(l) Technical data	1	\$	3,000
	Category Total	639	\$	69,030
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	123	\$	80,906
	(m) Technical data	2	\$	4,000
	Category Total	125	\$	84,906
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	2	\$	30,000,000
	(c) Global positioning System (GPS) receiving equipment	65	\$	337,567

(d)	Radiation-hardened microelectronics	27	\$	48,393
(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	2,484	\$	1,430,964
(f)	Technical data	97	\$	3,860,258
	Category Total	2,675	\$	35,677,182

<i>Country</i>		Quantity		Value
<i>SPAIN</i>				
<i>(Continued)</i>				
<i>Category XVI</i>	Nuclear Weapons, Design and Testing Related Items			
(d)	Components, parts and associated equipment	6	\$	10,128
	Category Total	6	\$	10,128
<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment			
(c)	Components, parts and associated equipment	82	\$	113,263
(d)	Technical data	1	\$	100
	Category Total	83	\$	113,363
	Country Total Authorized	129,293,373	\$	310,122,065
	Country Total Shipped			

SRI LANKA

<i>Category VIII</i>	Aircraft and Associated Equipment			
(i)	Technical data	1	\$	700
	Category Total	1	\$	700
<i>Category XI</i>	Military Electronics			
(c)	Components, parts and associated equipment	395	\$	340,032

	Category Total	395	\$	340,032
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Infrared focal plane array detectors; image intensification and other night sighting * <i>(c)</i> equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	51	\$	206,940
	<i>(e)</i> Components, parts and associated equipment	8	\$	196,807
<i>Category XIII</i>	Category Total Auxiliary Military Equipment	59	\$	403,747
	Military Information Security Assurances Systems and <i>(b)</i> equipment, cryptographic devices, software and components	6	\$	23,100

<i>Country</i>		Quantity		Value
SRI LANKA <i>(Continued)</i>				
<i>Category XIII</i> <i>(continued)</i>	Auxiliary Military Equipment			
	<i>(l)</i> Technical data	10	\$	50
	Category Total	16	\$	23,150
	Country Total Authorized	471	\$	767,629
	Country Total Shipped			
ST KITTS AND NEVIS				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* <i>(a)</i> Nonautomatic and semi- automatic firearms	76	\$	42,370
<i>Category III</i>	Category Total Ammunition/Ordnance	76	\$	42,370

	* (a)	Ammunition/ordnance for Categories I & II articles	50,050	\$	19,747
		Category Total	50,050	\$	19,747
<i>Category IV</i>		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h)	Components, parts and associated equipment	1,448,200	\$	148,415
	(i)	Technical data	1	\$	100
		Category Total	1,448,201	\$	148,515
<i>Category VIII</i>		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	3,020	\$	76,960
	(i)	Technical data	2	\$	200
		Category Total	3,022	\$	77,160
		Country Total Authorized	1,501,349	\$	287,792
		Country Total Shipped			

ST LUCIA

<i>Category I</i>		Firearms, Close Assault Weapons and Combat Shotguns			
	* (a)	Nonautomatic and semi- automatic firearms	21	\$	15,733
	(h)	Components, parts and associated equipment	40	\$	1,200
	(i)	Technical data	2	\$	890
		Category Total	63	\$	17,823

Country

Quantity

Value

**ST LUCIA
(Continued)**

<i>Category III</i>		Ammunition/Ordnance			
	* (a)	Ammunition/ordnance for Categories I & II articles	315,000	\$	82,150
		Category Total	315,000	\$	82,150
		Country Total Authorized	315,063	\$	99,973
		Country Total Shipped			

**ST VINCENT &
GRENADINES**

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	129	\$	44,336
	Category Total	129	\$	44,336
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	149,250	\$	38,422
	Category Total	149,250	\$	38,422
	Country Total Authorized	149,379	\$	82,758
	Country Total Shipped			

SURINAME

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	166	\$	99,848
	Category Total	166	\$	99,848
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	250,000	\$	76,000
	Category Total	250,000	\$	76,000
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(g) Technical data	1	\$	32,000,000
	Category Total	1	\$	32,000,000
	Country Total Authorized	250,167	\$	32,175,848
	Country Total Shipped			

Country

Quantity

Value

SWEDEN

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	3,515	\$	1,676,509
	* (d) Combat shotguns	59	\$	48,931
	* (e) Silencers, mufflers and sound and flash suppressors	448	\$	255,239
	(f) Riflescopes	103	\$	41,990
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	690	\$	108,175
	(h) Components, parts and associated equipment	4,377	\$	261,925
	(i) Technical data	1	\$	400,000
	Category Total	9,193	\$	2,792,769
<i>Category II</i>	Guns and Armament			
	(h) Test and evaluation equipment	1	\$	107,000
	(k) Technical data	5	\$	42,852
	Category Total	6	\$	149,852
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	10,526,400	\$	4,290,489
	* (d)(1) Guidance and control components	7,000,000	\$	2,098,000
	(d)(3) All other components, parts and associated equipment	27,269,757	\$	7,620,695
	(e) Technical data	4	\$	42,752
	Category Total	44,796,161	\$	14,051,936
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	27	\$	112,461

	* (b)	Launch vehicles and missile and anti-missile systems	3	\$	5,584,570
	* (f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	1	\$	824
	(h)	Components, parts and associated equipment	2,058	\$	3,805,357
Country			Quantity		Value
SWEDEN					
(Continued)					
<i>Category IV</i> <i>(continued)</i>		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i)	Technical data	7	\$	43,052
		Category Total	2,096	\$	9,546,264
<i>Category V</i>		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a)	Explosives	1	\$	1,000
	* (b)	Propellants	84,510	\$	1,404,717
	(f)	Additives	2,340	\$	32,380
	(h)	Technical data	4	\$	400
		Category Total	86,855	\$	1,438,497
<i>Category VI</i>		Vessels of War and Special Naval Equipment			
	(g)	Technical data	59	\$	50,952
		Category Total	59	\$	50,952
<i>Category VII</i>		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	2,912	\$	1,103,269
	(h)	Technical data	12	\$	88,104
		Category Total	2,924	\$	1,191,373
<i>Category VIII</i>		Aircraft and Associated Equipment			

	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	1	\$	26,500
	(h) Components, parts and associated equipment	682,434	\$	83,949,821
	(i) Technical data	263	\$	355,048
	Category Total	682,698	\$	84,331,369
<i>Category IX</i>	Military Training Equipment and Training			
	(a) Training equipment	634	\$	373,344
	(b) Simulation devices for the items covered by this subchapter	1	\$	1,735
	(c) Tooling and equipment	2	\$	56,000
	(d) Components, parts and associated equipment	3,007	\$	3,266,195
	(e) Technical data	108	\$	176,484
	Category Total	3,752	\$	3,873,758
	Country		Quantity	Value
	SWEDEN			
	(Continued)			
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	6,096	\$	2,492,770
	(d) Components, parts and associated equipment	2,465	\$	167,184
	(e) Technical data	6	\$	44,752
	Category Total	8,567	\$	2,704,706
<i>Category XI</i>	Military Electronics			
	*(a)(1) Underwater sound equipment	1	\$	100
	*(a)(4) Electronic combat equipment	641	\$	58,651
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	904	\$	2,987,690

	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	40	\$	538,875
	* (b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	668	\$	8,556,960
	(c)	Components, parts and associated equipment	18,660	\$	16,409,364
	(d)	Technical data	126	\$	2,723,439
		Category Total	21,040	\$	31,275,079
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (b)	Lasers	45	\$	257,348
	* (c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	51,481	\$	39,519,927

Country

Quantity

Value

**SWEDEN
(Continued)**

*Category XII
(continued)*

		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	196	\$	4,660,438

	(e)	Components, parts and associated equipment	1,973	\$	2,853,247
	(f)	Technical data	30	\$	6,000
		Category Total	53,725	\$	47,296,960
<i>Category XIII</i>		Auxiliary Military Equipment			
		Military Information Security Assurances Systems and equipment, cryptographic devices, software and components			
	(b)		40	\$	5,000
		Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes			
	(d)		6	\$	6
		Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction			
	(h)		10	\$	85
	(l)	Technical data	5	\$	62,752
		Category Total	61	\$	67,843
<i>Category XIV</i>		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d)	Tear gases and riot control agents	980	\$	12,945
		Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment			
	*(f)		5,025	\$	457,919

Country

Quantity

Value

**SWEDEN
(Continued)**

*Category XIV
(continued)*

Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment

	(h)	Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a) and vaccines with the sole purpose of protecting against biological agents identified in (b)	4,000	\$	78,400
		Category Total	10,005	\$	549,264
<i>Category XV</i>		Spacecraft Systems and Associated Equipment			
	(b)	Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	3	\$	2,890,479
	(c)	Global positioning System (GPS) receiving equipment	4	\$	5,676
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	108	\$	517,018
	(f)	Technical data	73	\$	476,812
		Category Total	188	\$	3,889,985
<i>Category XVI</i>		Nuclear Weapons, Design and Testing Related Items			
	*(c)	Nuclear radiation detection and measurement devices	9	\$	10,710
		Category Total	9	\$	10,710
<i>Category XX</i>		Submersible Vessels, Oceanographic and Associated Equipment			
	*(a)	Submersible vessels, manned or unmanned, tethered or untethered, designed or modified for military purposes, or powered by nuclear propulsion plants	2	\$	1,363,759

Country

Quantity

Value

SWEDEN
(Continued)

<i>Category XX</i> <i>(continued)</i>	Submersible Vessels, Oceanographic and Associated Equipment			
	(d) Technical data	50	\$	5,000
	Category Total	52	\$	1,368,759
	Country Total Authorized	45,677,391	\$	205,590,076
	Country Total Shipped			

SWITZERLAND

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi- automatic firearms	3,306	\$	2,086,106
	*(e) Silencers, mufflers and sound and flash suppressors	10	\$	100
	(f) Riflescopes	6	\$	2,928
	*(g) Barrels, cylinders, receivers and complete breech mechanisms	1,873	\$	410,387
	(h) Components, parts and associated equipment	8,847	\$	431,568
	(i) Technical data	3,004	\$	3,800
	Category Total	17,046	\$	2,934,889
<i>Category II</i>	Guns and Armament			
	(g) Tooling and equipment	1	\$	1,000
	(j) Components, parts and associated equipment	6	\$	253,587
	Category Total	7	\$	254,587
<i>Category III</i>	Ammunition/Ordnance			
	*(a) Ammunition/ordnance for Categories I & II articles	3,376,000	\$	818,636
	*(d)(1) Guidance and control components	12,150	\$	5,303
	(d)(3) All other components, parts and associated equipment	13,762,440	\$	2,117,289
	(e) Technical data	5	\$	104
	Category Total	17,150,595	\$	2,941,332

<i>Country</i>		Quantity	Value
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	* (a) Explosives	600	\$ 13,200
	* (b) Propellants	1,363	\$ 15,105
	(c) Pyrotechnics, fuels and related substances	28	\$ 4,292
SWITZERLAND <i>(Continued)</i>			
<i>Category V (continued)</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	(h) Technical data	2	\$ 150
	Category Total	1,993	\$ 32,747
<i>Category VI</i>	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	1	\$ 8,272,372
	(g) Technical data	2	\$ 1,001
	Category Total	3	\$ 8,273,373
<i>Category VII</i>	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	4,681	\$ 1,027,663
	(h) Technical data	11	\$ 5,100
	Category Total	4,692	\$ 1,032,763
<i>Category VIII</i>	Aircraft and Associated Equipment		
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	41	\$ 208,169
	(h) Components, parts and associated equipment	105,532	\$ 25,748,310
	(i) Technical data	40	\$ 465,907

<i>Category IX</i>	Category Total	105,613	\$	26,422,386
	Military Training Equipment and Training			
	(a) Training equipment	11	\$	24,421,666
	(d) Components, parts and associated equipment	212	\$	733,145
	(e) Technical data	1	\$	4,970
<i>Category X</i>	Category Total	224	\$	25,159,781
	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	327	\$	2,341,154
	(d) Components, parts and associated equipment	247	\$	31,722
	Category Total	574	\$	2,372,876

<i>Country</i>		Quantity		Value
SWITZERLAND				
<i>(Continued)</i>				
<i>Category XI</i>	Military Electronics			
	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	33	\$	270,097
	(c) Components, parts and associated equipment	1,254	\$	3,620,260
	(d) Technical data	11	\$	739,126
	Category Total	1,298	\$	4,629,483
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	2,766	\$	1,797,036

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	* (d)	16	\$	24,835
	Components, parts and associated equipment	(e)	618	\$	1,338,941
	Technical data	(f)	5	\$	702
	Category Total		3,405	\$	3,161,514
<i>Category XIII</i>	Auxiliary Military Equipment				
	Concealment and deception equipment	(g)	36	\$	12,359
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	(h)	330	\$	16,385
	Technical data	(l)	2	\$	100
	Category Total		368	\$	28,844

Country

Quantity

Value

SWITZERLAND
(Continued)

<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment				
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	* (f)	30	\$	1,500
	Category Total		30	\$	1,500
<i>Category XV</i>	Spacecraft Systems and Associated Equipment				

(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	36	\$	220,810
(f)	Technical data	14	\$	4,535
	Category Total	50	\$	225,345
	Country Total Authorized	17,285,898	\$	77,651,420
	Country Total Shipped			

TAIWAN

Category I

	Firearms, Close Assault Weapons and Combat Shotguns			
*(a)	Nonautomatic and semi-automatic firearms	117	\$	529,572
*(e)	Silencers, mufflers and sound and flash suppressors	105	\$	69,090
(f)	Riflescopes	264	\$	212,589
*(g)	Barrels, cylinders, receivers and complete breech mechanisms	13	\$	5,330
(h)	Components, parts and associated equipment	1,427	\$	312,994
(i)	Technical data	21	\$	21
	Category Total	1,947	\$	1,129,596

Category II

	Guns and Armament			
(j)	Components, parts and associated equipment	7	\$	49,492
(k)	Technical data	1	\$	100
	Category Total	8	\$	49,592

Country

Quantity

Value

**TAIWAN
(Continued)**

Category III

	Ammunition/Ordnance			
*(a)	Ammunition/ordnance for Categories I & II articles	6,471,877	\$	4,383,271

	* (d)(1)	Guidance and control components	650	\$	481,000
	* (d)(2)	Safing, arming and fuzing components	1,053,540	\$	18,090,595
	(d)(3)	All other components, parts and associated equipment	701,800	\$	40,072
	(e)	Technical data	47	\$	24,810
		Category Total	8,227,914	\$	23,019,748
<i>Category IV</i>		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (b)	Launch vehicles and missile and anti-missile systems	50	\$	160,000
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	20,083	\$	806,071
	* (f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	16	\$	1,000,705
	(h)	Components, parts and associated equipment	25,147	\$	1,080,142
	(i)	Technical data	98	\$	19,056
		Category Total	45,394	\$	3,065,974
<i>Category V</i>		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(c)	Pyrotechnics, fuels and related substances	25	\$	2,600
		Category Total	25	\$	2,600
<i>Category VI</i>		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	1,820	\$	290,178
	(g)	Technical data	10	\$	33,840
		Category Total	1,830	\$	324,018
<i>Category VII</i>		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	11,726	\$	774,607

	(h)	Technical data	27	\$	532,166
		Category Total	11,753	\$	1,306,773
<i>Category VIII</i>		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	79,756	\$	95,023,651
	(i)	Technical data	256	\$	95,436
		Category Total	80,012	\$	95,119,087
<i>Category IX</i>		Military Training Equipment and Training Simulation devices for the items covered by this subchapter			
	(b)	items covered by this subchapter	5	\$	4,168
	(d)	Components, parts and associated equipment	446	\$	1,461,703
	(e)	Technical data	13	\$	101,600
		Category Total	464	\$	1,567,471
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	3	\$	700
	(d)	Components, parts and associated equipment	776	\$	29,110
		Category Total	779	\$	29,810
<i>Category XI</i>		Military Electronics			
	*(a)(1)	Underwater sound equipment	6,305	\$	9,215,775
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	2	\$	4,228
	(c)	Components, parts and associated equipment	284,244	\$	99,347,641
	(d)	Technical data	1,328	\$	861,846
		Category Total	291,879	\$	109,467,490
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			

	Infrared focal plane array detectors; image intensification and other night sighting			
	* (c) equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	2	\$	162,100
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	3	\$	17,040
Country		Quantity		Value
TAIWAN				
(Continued)				
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
<i>(continued)</i>	(e) Components, parts and associated equipment	620	\$	943,021
	(f) Technical data	29	\$	20,105
	Category Total	654	\$	1,142,266
<i>Category XIII</i>	Auxiliary Military Equipment			
	Cameras and specialized processing equipment.			
	(a) Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	35	\$	6,742
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	1	\$	4,160
	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	1	\$	9,362
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	941	\$	55,939

<i>Category XIV</i>	(l)	Technical data	8	\$	68,600
		Category Total	986	\$	144,803
		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
		Components, parts, and associated equipment			
	*(f)	specifically designed or modified for military operations and compatibility with military equipment	3	\$	97,567
	(m)	Technical data	5	\$	130
	Category Total	8	\$	97,697	

<i>Country</i>		Quantity		Value	
<i>TAIWAN</i> <i>(Continued)</i>					
<i>Category XV</i>					
		Spacecraft Systems and Associated Equipment			
		Components, parts, and associated equipment			
	(e)	specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	17	\$	1,589,728
	(f)	Technical data	19	\$	71,999
		Category Total	36	\$	1,661,727
		Country Total Authorized	8,663,689	\$	238,126,652
		Country Total Shipped			

***TANZANIA,
UNITED
REPUBLIC OF***

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	3	\$	1,125
	Category Total	3	\$	1,125
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	10,200	\$	1,235
	Category Total	10,200	\$	1,235
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i) Technical data	9	\$	9,000
	Category Total	9	\$	9,000
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	4	\$	1,674,084

Country

Quantity

Value

**TANZANIA,
UNITED
REPUBLIC OF
(Continued)**

<i>Category XII (continued)</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(e) Components, parts and associated equipment	1	\$	200
	Category Total	5	\$	1,874,084
	Country Total Authorized	10,217	\$	1,885,444
	Country Total Shipped			

THAILAND

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	37,771	\$	19,933,782
	* (c) Firearms and other weapons	16	\$	28,880
	* (e) Silencers, mufflers and sound and flash suppressors	90	\$	31,862
	(f) Riflescopes	232	\$	104,224
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	1,953	\$	426,531
	(h) Components, parts and associated equipment	115,859	\$	1,744,618
	(i) Technical data	1	\$	100
	Category Total	155,922	\$	22,269,997
<i>Category II</i>	Guns and Armament			
	(g) Tooling and equipment	350	\$	50,050
	(j) Components, parts and associated equipment	51,567	\$	974,844
	(k) Technical data	2	\$	200
	Category Total	51,919	\$	1,025,094
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	48,333,700	\$	4,293,484
	* (d)(1) Guidance and control components	673	\$	106,259
	* (d)(2) Safing, arming and fuzing components	1,138	\$	41,998
	(d)(3) All other components, parts and associated equipment	42,143,693	\$	1,294,150
	Category Total	90,479,204	\$	5,735,891

Country

Quantity

Value

**THAILAND
(Continued)**

<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	33,718	\$	658,094
	(a) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	21	\$	765,172
	(h) Components, parts and associated equipment	19,629	\$	922,487
	(i) Technical data	21	\$	42,348
	Category Total	53,389	\$	2,388,101
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(a) Explosives	3,939	\$	1,036,003
	(b) Propellants	4,350	\$	29,707
	(h) Technical data	2	\$	200
	Category Total	8,291	\$	165,910
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	224	\$	239,840
	(g) Technical data	1	\$	32,000,000
	Category Total	225	\$	32,239,840
<i>Category VII</i>	Tanks and Military Vehicles			
	(a) Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	1	\$	550,000
	(g) Components, parts and associated equipment	10,606	\$	1,594,720
	(h) Technical data		\$	82,000

		8		
	Category Total	10,615	\$	2,226,720
Country		Quantity		Value
THAILAND				
(Continued)				
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	3	\$	760,359
	* (b) Military aircraft engines	6	\$	1,500,000
	(h) Components, parts and associated equipment	128,975	\$	97,671,491
	(i) Technical data	15	\$	209,157
	Category Total	128,999	\$	100,141,007
<i>Category IX</i>	Military Training Equipment and Training			
	(a) Training equipment	18	\$	262,668
	(d) Components, parts and associated equipment	292	\$	454,870
	(e) Technical data	1	\$	100
	Category Total	311	\$	717,638
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	46	\$	99,443
	(b) Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	2	\$	44,806
	(c) Tooling and equipment	113	\$	95,668
	(d) Components, parts and associated equipment	12	\$	37,576
	Category Total	173	\$	277,493
<i>Category XI</i>	Military Electronics			
	* (a)(4) Electronic combat equipment	9,715	\$	353,432

<i>Country</i>		Quantity	\$	Value
	* (a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	114	\$	2,315,608
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	3	\$	48,330
	* (b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	50	\$	5,299,168
THAILAND <i>(Continued)</i>				
<i>Category XI</i> <i>(continued)</i>	Military Electronics			
	(c) Components, parts and associated equipment	19,800	\$	11,356,755
	(d) Technical data	300	\$	166,482
	Category Total	29,982	\$	19,539,775
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (b) Lasers	625	\$	1,292,805
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	550	\$	9,107,172
	* (d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	14	\$	26,915

(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	3	\$	104,000
(f)	Technical data	3	\$	104,000
	Category Total	6	\$	208,000
	Country Total Authorized	90,939,041	\$	199,305,414
	Country Total Shipped			

TOGO

Category XXI

Miscellaneous Articles

(b)	Technical data	1	\$	351,816
	Category Total	1	\$	351,816
	Country Total Authorized	1	\$	351,816
	Country Total Shipped			

TRINIDAD AND TOBAGO

Category I

Firearms, Close Assault Weapons and Combat Shotguns

*(a)	Nonautomatic and semi-automatic firearms	1,524	\$	903,142
*(b)	Fully automatic firearms	16	\$	17,000
(h)	Components, parts and associated equipment	48	\$	858
(i)	Technical data	2	\$	2,190
	Category Total	1,590	\$	923,190

Country

Quantity

Value

**TRINIDAD AND TOBAGO
(Continued)**

Category II

Guns and Armament

(j)	Components, parts and associated equipment	5	\$	2,250
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	Category Total	5	\$	2,250
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	3,218,500	\$	684,865
	(d)(3) All other components, parts and associated equipment	300	\$	4,290
	(e) Technical data	9	\$	45
	Category Total	3,218,809	\$	689,200
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	10	\$	98,000
	(h) Components, parts and associated equipment	2	\$	10,989
	(i) Technical data	1	\$	10,000
	Category Total	13	\$	118,989
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	2	\$	645,424
	(f) Components, parts and associated equipment	4	\$	9,140
	Category Total	6	\$	654,564
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(i) Technical data	1	\$	2,000
	Category Total	1	\$	2,000
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	50	\$	9,200
	Category Total	50	\$	9,200

<i>Country</i>		Quantity	Value
TRINIDAD AND TOBAGO			
<i>(Continued)</i>			
<i>Category XI</i>	Military Electronics		
	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	10	\$ 66,385
	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	155	\$ 2,248,360
	Components, parts and associated equipment	88	\$ 498,685
	Technical data	18	\$ 18,780
	Category Total	271	\$ 2,832,210
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	Lasers	46	\$ 52,840
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	2	\$ 1,492,500
	Category Total	48	\$ 1,545,340
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	Tear gases and riot control agents	1,210	\$ 26,027

* (f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	6,602	\$	33,409
	Category Total	7,812	\$	59,436
	Country Total Authorized	3,228,605	\$	6,836,379
	Country Total Shipped			

<i>Country</i>		Quantity		Value
TUNISIA				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	210	\$	476,462
	(f) Riflescopes	4	\$	11,300
	(h) Components, parts and associated equipment	1,032	\$	31,257
	Category Total	1,246	\$	519,019
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	100	\$	32,500
	Category Total	100	\$	32,500
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	6	\$	7,596
	(i) Technical data	10	\$	1,000
	Category Total	16	\$	8,596
<i>Category VIII</i>	Aircraft and Associated Equipment			

	(h)	Components, parts and associated equipment	662	\$	20,812,173
	(i)	Technical data	140	\$	14,000
<i>Category IX</i>		Category Total	802	\$	20,826,173
		Military Training Equipment and Training			
	(e)	Technical data	10	\$	1,000
<i>Category XI</i>		Category Total	10	\$	1,000
		Military Electronics			
	* (a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	15	\$	532,945
	(c)	Components, parts and associated equipment	134	\$	334,991
	(d)	Technical data	454	\$	178,755
		Category Total	603	\$	1,046,691

<i>Country</i>			Quantity		Value
<i>TUNISIA</i>					
<i>(Continued)</i>					
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (b)	Lasers	62	\$	99,158
	* (c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	6	\$	123,690
	(e)	Components, parts and associated equipment	22	\$	5,435
	(f)	Technical data	20	\$	2,350
		Category Total	110	\$	230,633
		Country Total Authorized	2,887	\$	22,664,612
		Country Total Shipped			

TURKEY

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	400	\$	235,053
	* (b) Fully automatic firearms	1,062	\$	1,777,998
	* (c) Firearms and other weapons	200	\$	219,000
	(f) Riflescopes	2	\$	120
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	20	\$	12,352
	(h) Components, parts and associated equipment	333	\$	46,223
	(i) Technical data	10	\$	100
	Category Total	2,027	\$	2,290,846
<i>Category II</i>	Guns and Armament			
	* (a) Guns over caliber .50	33	\$	10,279,269
	(j) Components, parts and associated equipment	30	\$	9,999,999
	(k) Technical data	42	\$	2,400
	Category Total	105	\$	20,281,668
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	1,146,790	\$	775,876
	* (d)(1) Guidance and control components	80	\$	13,248

Country

Quantity

Value

**TURKEY
(Continued)**

<i>Category III (continued)</i>	Ammunition/Ordnance			
	* (d)(2) Safing, arming and fuzing components	126,542	\$	2,037,076
	(d)(3) All other components, parts and associated equipment	367,098	\$	379,254
	(e) Technical data	12	\$	69,200
	Category Total	1,640,522	\$	3,274,654

<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (b) Launch vehicles and missile and anti-missile systems	130	\$	32,506,692
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	330	\$	752,225
	* (f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	3,050	\$	243,015
	(h) Components, parts and associated equipment	31,890	\$	12,697,381
	(i) Technical data	290	\$	286,726
	Category Total	35,690	\$	46,486,039
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a) Explosives	754,175	\$	226,975
	* (b) Propellants	38,581	\$	580,148
	(c) Pyrotechnics, fuels and related substances	2,152	\$	56,249
	(f) Additives	689	\$	11,070
	Category Total	795,597	\$	874,442
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	260	\$	194,880
	(g) Technical data	46	\$	126,822
	Category Total	306	\$	321,702

Country

Quantity

Value

TURKEY
(Continued)

<i>Category VII</i>	Tanks and Military Vehicles			
	Military tanks, combat engineer vehicles, bridge launching vehicles, half-tracks and gun carriers	* (b)	4	\$ 1,121,992
	Engines specifically designed or modified for the vehicles in (a), (b) and (e)	* (f)	5	\$ 190,000
	Components, parts and associated equipment	(g)	17,841	\$ 6,726,087
	Technical data	(h)	4,222	\$ 455,165
	Category Total		22,072	\$ 8,493,244
<i>Category VIII</i>	Aircraft and Associated Equipment			
	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	* (a)	4	\$ 131,134,066
	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	* (c)	605	\$ 6,401,081
	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	* (e)	101	\$ 1,253,314
	Components, parts and associated equipment	(h)	342,859	\$ 688,382,017
	Technical data	(i)	1,277	\$ 17,534,350
	Category Total		344,846	\$ 844,704,828
<i>Category IX</i>	Military Training Equipment and Training			
	Training equipment	(a)	27	\$ 1,381,710
	Components, parts and associated equipment	(d)	350	\$ 554,879
	Technical data	(e)	136	\$ 322,295
	Category Total		513	\$ 2,258,884
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	Protective personnel equipment	(a)	1,808	\$ 383,426
	Tooling and equipment	(c)		\$ 104,340

	155		
(d) Components, parts and associated equipment	2,499	\$	518,161
Category Total	4,462	\$	1,005,927

<i>Country</i>		Quantity		Value
TURKEY <i>(Continued)</i>				
<i>Category XI</i>	Military Electronics			
	*(a)(3)(i) Search radar systems	9	\$	498,681
	*(a)(3)(iv) Moving target indication radar systems	124	\$	1,010,476
	*(a)(3)(v) Imaging radar systems	23	\$	3,309,250
	(a)(3)(vi) Ground air traffic control radar systems	95	\$	8,283,026
	*(a)(4) Electronic combat equipment	2,062	\$	3,175,713
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	155	\$	22,975,948
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	42	\$	41,694,220
	(a)(7) Any experimental or developmental electronic equipment specifically designed or modified for military application	7	\$	23,250
	*(b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	128	\$	17,843,655
	(c) Components, parts and associated equipment	45,325	\$	427,143,599
	(d) Technical data	371	\$	398,030
	Category Total	48,341	\$	526,355,848

	Cameras and specialized processing equipment.			
	(a) Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	52	\$	268,600
	(b) Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	25	\$	217,564
	(c) Self-contained diving and underwater breathing apparatus	1,058	\$	678,434
	(e) Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	108	\$	83,767
	(f) Structural materials	381	\$	227,030
	(g) Concealment and deception equipment	4	\$	600
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	206	\$	1,777
Country		Quantity		Value
TURKEY				
(Continued)				
<i>Category XIII</i>				
<i>(continued)</i>				
	Auxiliary Military Equipment			
	Hardware and equipment that is associated with the measurement or modification of system signatures for detection of defense articles	1,007	\$	5,953,481
	(l) Technical data	5	\$	104
	Category Total	2,846	\$	7,431,357
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	68,150	\$	920,423

	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	320	\$	720,646
	(m) Technical data	24	\$	240
	Category Total	68,494	\$	1,641,309
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(c) Global positioning System (GPS) receiving equipment	346	\$	2,101,819
	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	1	\$	1,678
	(f) Technical data	5	\$	861
	Category Total	352	\$	2,104,358
	Country Total Authorized	2,977,376	\$	1,502,158,396
	Country Total Shipped			

TURKMENISTAN

Category II

	Guns and Armament			
	*(a) Guns over caliber .50	2	\$	850
	Category Total	2	\$	850

Country

Quantity

Value

**TURKMENISTAN
(Continued)**

Category III

	Ammunition/Ordnance			
	*(a) Ammunition/ordnance for Categories I & II articles	10,000	\$	6,500
	Category Total	10,000	\$	6,500

<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	2	\$	35,326
	* (c)			
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	2	\$	312,000
	* (d)			
	Components, parts and associated equipment	2	\$	12,722
	(e)			
	Category Total	6	\$	360,048
	Country Total Authorized	1,008	\$	367,398
	Country Total Shipped			

**TURKS AND
CAICOS
ISLANDS**

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	48	\$	32,969
	(f) Riflescopes	6	\$	3,600
	(h) Components, parts and associated equipment	10	\$	1,001
	Category Total	64	\$	37,570
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	50,115	\$	19,354
	Category Total	50,115	\$	19,354

Country

Quantity

Value

**TURKS AND
CAICOS
ISLANDS
(Continued)**

<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	3	\$	4,622
	Category Total	3	\$	4,622
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	30	\$	7,308
	Category Total	30	\$	7,308
	Country Total Authorized	50,212	\$	68,864
	Country Total Shipped			

UGANDA

<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	2,002	\$	6,000,000
	Category Total	2,002	\$	6,000,000
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	12	\$	2,856
	Category Total	12	\$	2,856
<i>Category XI</i>	Military Electronics			
	(c) Components, parts and associated equipment	14	\$	114,775
	(d) Technical data	3	\$	11,550

Category Total	17	\$	126,325
Country Total Authorized	2,031	\$	6,129,181
Country Total Shipped			

<i>Country</i>		Quantity		Value
UKRAINE				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	3,107	\$	1,373,839
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	350	\$	80,175
	(h) Components, parts and associated equipment	1,405	\$	63,171
	Category Total	4,862	\$	1,517,185
<i>Category II</i>	Guns and Armament			
	* (a) Guns over caliber .50	27	\$	10,556
	Category Total	27	\$	10,556
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	2,654,000	\$	830,680
	(c) Tooling and equipment	1	\$	225
	* (d)(1) Guidance and control components	20	\$	4,370
	(d)(3) All other components, parts and associated equipment	493,600	\$	148,634
	Category Total	3,147,621	\$	983,909
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i) Technical data			
	Category Total			
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(g) Technical data	1	\$	100
	Category Total		\$	100

		1		
<i>Category VIII</i>	Aircraft and Associated Equipment			
	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems			
	*(e)			
	(h) Components, parts and associated equipment	1	\$	17,000
	(i) Technical data	1	\$	500
	Category Total	2	\$	17,500

Country		Quantity		Value
UKRAINE (Continued)				
<i>Category IX</i>	Military Training Equipment and Training			
	(e) Technical data	1	\$	500
	Category Total	1	\$	500
<i>Category XI</i>	Military Electronics			
	(d) Technical data	408	\$	168,800
	Category Total	408	\$	168,800
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices			
	*(c)			
		34	\$	544,000

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	* (d)	1	\$	39,100
	Components, parts and associated equipment	(e)	10	\$	50,000
	Technical data	(f)	10	\$	5,000
	Category Total		55	\$	638,100
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment				
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	* (f)	2,086	\$	193,329
	Category Total		2,086	\$	193,329

<i>Country</i>			Quantity		Value
<i>UKRAINE</i> <i>(Continued)</i>					
<i>Category XV</i>	Spacecraft Systems and Associated Equipment				
	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	(e)			
	Technical data	(f)			
	Category Total				
	Country Total Authorized		3,155,063	\$	3,529,979
	Country Total Shipped				

**UNITED ARAB
EMIRATES**

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi- automatic firearms	113	\$	93,560
	* (b) Fully automatic firearms	12	\$	14,885
	* (c) Firearms and other weapons	14	\$	27,790
	(f) Riflescopes	2,027	\$	966,373
	(h) Components, parts and associated equipment	67,411	\$	1,935,276
	(i) Technical data	10	\$	3,206
	Category Total	69,587	\$	3,041,090
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	1,101,685	\$	2,580,689
	(d)(3) All other components, parts and associated equipment	5,000	\$	500
	Category Total	1,106,685	\$	2,581,189
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	900	\$	33,608
	(h) Components, parts and associated equipment	195	\$	1,060,002
Country		Quantity		Value

**UNITED ARAB
EMIRATES
(Continued)**

<i>Category IV (continued)</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i) Technical data	280	\$	657,321

	Category Total	1,375	\$	1,750,931
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a) Explosives	4,807	\$	661,321
	Category Total	4,807	\$	661,321
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(g) Technical data	14	\$	64,410
	Category Total	14	\$	64,410
<i>Category VII</i>	Tanks and Military Vehicles			
	* (f) Engines specifically designed or modified for the vehicles in (a), (b) and (e)	2	\$	23,816
	(g) Components, parts and associated equipment	110,513	\$	16,334,798
	(h) Technical data	76	\$	1,019,000
	Category Total	110,591	\$	17,377,614
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	14	\$	293,366,548
	* (b) Military aircraft engines	7	\$	11,550,000
	* (c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	12	\$	88,492
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	31	\$	963,968
	(h) Components, parts and associated equipment	35,262	\$	360,206,015
	(i) Technical data	177	\$	1,326,655
	Category Total	35,503	\$	667,501,678

<i>Country</i>		Quantity	Value
UNITED ARAB EMIRATES (Continued)			
<i>Category IX</i>	Military Training Equipment and Training		
	(a) Training equipment Simulation devices for the	101	\$ 40,000,010
	(b) items covered by this subchapter	2	\$ 220,238
	(d) Components, parts and associated equipment	212	\$ 1,024,357
	(e) Technical data	172	\$ 730
	Category Total	487	\$ 41,245,335
<i>Category X</i>	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	60,367	\$ 27,958,255
	(b) Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	148	\$ 3,566,069
	(d) Components, parts and associated equipment	855	\$ 5,687,171
	(e) Technical data	1	\$ 16,667
	Category Total	61,371	\$ 37,228,162
<i>Category XI</i>	Military Electronics		
	*(a)(3)(i) Search radar systems	4	\$ 156,000
	*(a)(3)(iv) Moving target indication radar systems	3	\$ 706,200
	(a)(3)(vi) Ground air traffic control radar systems	40	\$ 3,160
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	84	\$ 9,348,316

* (b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	910	\$	28,550,190
(c)	Components, parts and associated equipment	28,511	\$	228,341,266
(d)	Technical data	137	\$	1,033,677
	Category Total	29,689	\$	268,138,809

<i>Country</i>		Quantity		Value
UNITED ARAB EMIRATES <i>(Continued)</i>				
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	2	\$	1,340,230
	* (b) Lasers	143	\$	4,859,821
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	94	\$	28,540,608

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	142	\$	2,448,008
	(e) Components, parts and associated equipment	1,043	\$	6,006,936
	(f) Technical data	269	\$	79,341
	Category Total	1,693	\$	43,274,944
<i>Category XIII</i>	Auxiliary Military Equipment			
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	12	\$	46,536
	(c) Self-contained diving and underwater breathing apparatus	120	\$	40,653

<i>Country</i>		Quantity		Value
UNITED ARAB EMIRATES				
(Continued)				
<i>Category XIII</i>	Auxiliary Military Equipment			
<i>(continued)</i>	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	1	\$	200
	(d) Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	18	\$	5,949

	Hardware and equipment that is associated with the measurement or modification of system signatures for detection of defense articles	700	\$	247,800
	(l) Technical data	1	\$	100
	Category Total	852	\$	341,238
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	125	\$	2,161
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	18,317	\$	127,329
	(h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a) and vaccines with the sole purpose of protecting against biological agents identified in (b)	150,000	\$	2,835,000
	(m) Technical data	4	\$	400
	Category Total	168,446	\$	2,964,890

Country

Quantity

Value

**UNITED ARAB
EMIRATES
(Continued)**

Category XV

Spacecraft Systems and Associated Equipment

	Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites	20	\$	100,000
	(d) Radiation-hardened microelectronics	124	\$	210,422
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	1,033	\$	4,439,148
	(f) Technical data	34	\$	63,837
	Category Total	1,211	\$	4,813,407
<i>Category XVIII</i>	Directed Energy Weapons			
	(f) Technical data	30	\$	300
	Category Total	30	\$	300
	Country Total Authorized	1,592,341	\$	1,090,485,318
	Country Total Shipped			

**UNITED
KINGDOM**

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	8,101	\$	4,288,153
	* (b) Fully automatic firearms	28	\$	18,274
	* (c) Firearms and other weapons	30	\$	7,500
	* (d) Combat shotguns	35	\$	11,696
	* (e) Silencers, mufflers and sound and flash suppressors	19,060	\$	1,669,772
	(f) Riflescopes	19,414	\$	10,392,404
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	5,318	\$	2,104,907
	(h) Components, parts and associated equipment	105,398	\$	18,255,685

	(i)	Technical data	1,008	\$	501,540
		Category Total	158,392	\$	37,249,931
Country			Quantity		Value
UNITED KINGDOM					
(Continued)					
<i>Category II</i>		Guns and Armament			
	*(a)	Guns over caliber .50	7	\$	101,291
	(j)	Components, parts and associated equipment	11,422	\$	28,088,620
	(k)	Technical data	1,029	\$	573,310
		Category Total	12,458	\$	28,763,221
<i>Category III</i>		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	23,002,429	\$	76,846,118
	(b)	Ammunition/ordnance handling equipment	6,000	\$	43,920
	(d)(3)	All other components, parts and associated equipment	231,159,291	\$	8,556,634
	(e)	Technical data	249	\$	200,268
		Category Total	254,167,969	\$	85,646,940
<i>Category IV</i>		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	1,916	\$	182,209,405
	*(b)	Launch vehicles and missile and anti-missile systems	260	\$	20,486,000
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	541	\$	27,218,539

	* (f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	590	\$	242,762
	(h)	Components, parts and associated equipment	2,412,742	\$	73,743,938
	(i)	Technical data	3,030	\$	989,274
		Category Total	2,419,079	\$	304,889,918
<i>Category V</i>		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a)	Explosives	58,297	\$	1,203,285
Country			Quantity		Value
UNITED KINGDOM					
(Continued)					
<i>Category V (continued)</i>		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(c)	Pyrotechnics, fuels and related substances	43,918	\$	2,550,408
	(d)	Oxidizers	125,556	\$	1,477,295
	* (e)	Binders	2,065	\$	19,493
	(f)	Additives	400	\$	30,000
	(h)	Technical data	9	\$	71,520
		Category Total	230,245	\$	5,352,001
<i>Category VI</i>		Vessels of War and Special Naval Equipment			
	* (a)	Warships, amphibious warfare vessels, landing craft, mine warfare vessels and patrol vessels	9	\$	1,368,728
	(b)	Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	1	\$	154,256
	(f)	Components, parts and associated equipment	73,145	\$	19,391,056

<i>Category VII</i>	(g) Technical data	2,793	\$	1,912,663
	Category Total	75,948	\$	22,826,703
	Tanks and Military Vehicles			
	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment			
	* (a)	338	\$	155,212,368
	Military tanks, combat engineer vehicles, bridge launching vehicles, half-tracks and gun carriers			
	* (b)	3	\$	70,000
	Engines specifically designed or modified for the vehicles in (a), (b) and (e)			
	* (f)	7	\$	182,988
	Components, parts and associated equipment			
	(g)	577,481	\$	55,130,720
	Technical data			
	(h)	95,325	\$	8,710,573
	Category Total	673,154	\$	219,306,649

Country

Quantity

Value

**UNITED
KINGDOM
(Continued)**

<i>Category VIII</i>	Aircraft and Associated Equipment			
	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft			
	* (a)	174	\$	33,971,670
	Military aircraft engines			
	* (b)	446	\$	93,224,644
	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment			
	* (c)	345	\$	856,198
	Launching and recovery equipment for the articles in (a)			
	(d)	33	\$	4,769
	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems			
	* (e)	153	\$	10,132,296

	(h)	Components, parts and associated equipment	15,122,248	\$	725,535,151
	(i)	Technical data	5,927	\$	6,374,782
		Category Total	15,129,326	\$	870,099,510
<i>Category IX</i>		Military Training Equipment and Training			
	(a)	Training equipment	208	\$	40,508,893
	(b)	Simulation devices for the items covered by this subchapter	1,380	\$	7,735,958
	(c)	Tooling and equipment	18	\$	82,453
	(d)	Components, parts and associated equipment	77,832	\$	30,182,348
	(e)	Technical data	406	\$	522,125
		Category Total	79,844	\$	79,031,777
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	17,380	\$	9,293,872
	(b)	Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	4	\$	300,000
	(d)	Components, parts and associated equipment	35,941	\$	2,142,786
	(e)	Technical data	1,532	\$	392,300
		Category Total	54,857	\$	12,128,958

Country

Quantity

Value

**UNITED KINGDOM
(Continued)**

Category XI

		Military Electronics			
	*(a)(1)	Underwater sound equipment	38	\$	530,746
	*(a)(2)	Underwater acoustic active and passive countermeasures and counter-countermeasures	1,064	\$	424,563
	*(a)(3)(i)	Search radar systems	1	\$	266,617
	*(a)(3)(iii)	Tracking radar systems	608	\$	2,316,000

(a)(3)(vi)	Ground air traffic control radar systems	25	\$	11,401
*(a)(4)	Electronic combat equipment	1,022	\$	569,418
*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	1,905	\$	164,317,425
(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	1,829	\$	22,321,286
*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	2,820	\$	37,286,259
(c)	Components, parts and associated equipment	976,238	\$	700,134,480
(d)	Technical data	38,742	\$	9,129,501
	Category Total	1,024,292	\$	937,307,696
	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
*(a)	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	7	\$	10,075,000
*(b)	Lasers	2,104	\$	41,928,172

Category XII

<i>Country</i>	<i>Quantity</i>	<i>Value</i>
UNITED KINGDOM <i>(Continued)</i>		

*Category XII
(continued)*

Fire Control, Range Finder,
Optical and Guidance and
Control Equipment

	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	10,849	\$	138,669,629
* (c)				
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	3,716	\$	36,820,852
* (d)				
	Components, parts and associated equipment	639,574	\$	95,995,634
(e)				
	Technical data	4,539	\$	657,281
(f)				
	Category Total	660,789	\$	324,146,568

Category XIII

Auxiliary Military Equipment

	Cameras and specialized processing equipment.			
(a)	Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	5	\$	33,680
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	732	\$	29,895,683
(b)				
	Self-contained diving and underwater breathing apparatus	19	\$	2,751,891
(c)				
	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	144	\$	447,206
(d)				
	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	83,043	\$	1,091,168
(e)				

<i>Country</i>		Quantity	Value
UNITED KINGDOM <i>(Continued)</i>			
<i>Category XIII</i> <i>(continued)</i>	Auxiliary Military Equipment		
	(f) Structural materials	21	\$ 37,929
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	17,484	\$ 825,713
	(l) Technical data	31	\$ 1,104,152
	Category Total	101,479	\$ 36,187,422
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	875,778	\$ 35,059,898
	(h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a) and vaccines with the sole purpose of protecting against biological agents identified in (b)	162,200	\$ 4,800,400
	(i) Modeling or simulation tools specifically designed or modified for chemical or biological weapons design, development or employment	2	\$ 3
	(m) Technical data	39	\$ 1,485,870
	Category Total	1,038,019	\$ 41,346,171
<i>Category XV</i>	Spacecraft Systems and Associated Equipment		

	* (a)	Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites	3	\$	446,087,553
	(b)	Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	50	\$	3,500,000
Country			Quantity		Value
UNITED KINGDOM					
(Continued)					
<i>Category XV</i>		Spacecraft Systems and Associated Equipment			
<i>(continued)</i>	(c)	Global positioning System (GPS) receiving equipment	248	\$	1,249,310
	(d)	Radiation-hardened microelectronics	180	\$	81,729
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	13,251	\$	17,194,404
	(f)	Technical data	1,755	\$	1,346,580
		Category Total	15,487	\$	469,459,576
<i>Category XVI</i>		Nuclear Weapons, Design and Testing Related Items			
	(d)	Components, parts and associated equipment	59	\$	2,078,892
	(e)	Technical data	2	\$	110
		Category Total	61	\$	2,079,002
<i>Category XVIII</i>		Directed Energy Weapons			
	(f)	Technical data	1	\$	1
		Category Total	1	\$	1

<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment			
	(c) Components, parts and associated equipment	229,050	\$	3,027,590
	(d) Technical data	6	\$	22,200
	Category Total	229,056	\$	3,049,790
<i>Category XXI</i>	Miscellaneous Articles			
	(b) Technical data	2	\$	72,000
	Category Total	2	\$	72,000
	Country Total Authorized	276,070,458	\$	3,478,943,834
	Country Total Shipped			

**UNITED
NATIONS**

<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(e) Technical data	1	\$	50
	Category Total	1	\$	50
	Country Total Authorized	1	\$	50
	Country Total Shipped			

Country	Quantity	Value
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URUGUAY

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi- automatic firearms	1,985	\$	451,980
	(h) Components, parts and associated equipment	365	\$	17,140
	Category Total	2,350	\$	469,120
<i>Category III</i>	Ammunition/Ordnance			
	*(a) Ammunition/ordnance for Categories I & II articles	11,505,000	\$	537,150
	(d)(3) All other components, parts and associated equipment	4,420,500	\$	276,975
	Category Total	15,925,500	\$	814,125

<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (b) Propellants	4,792	\$	63,446
	Category Total	4,792	\$	63,446
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	11	\$	982,001
	(i) Technical data	1	\$	500
	Category Total	12	\$	982,501
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	2	\$	2,677
	Category Total	2	\$	2,677
<i>Category XI</i>	Military Electronics			
	(c) Components, parts and associated equipment	22	\$	43,439
	Category Total	22	\$	43,439

Country

Quantity

Value

URUGUAY

<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
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	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	1	\$	304,000
	Category Total	1	\$	304,000
	Country Total Authorized	15,932,679	\$	2,679,308
	Country Total Shipped			

VARIOUS

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	(i) Technical data	98	\$	4,801
	Category Total	98	\$	4,801
<i>Category II</i>	Guns and Armament			
	(k) Technical data	319	\$	17,820
	Category Total	319	\$	17,820
<i>Category III</i>	Ammunition/Ordnance			
	(e) Technical data	535	\$	32,120
	Category Total	535	\$	32,120
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i) Technical data	13,097	\$	919,223
	Category Total	13,097	\$	919,223
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(e) Binders	1	\$	7,000
	(h) Technical data	71	\$	4,000
	Category Total	72	\$	11,000

<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(g) Technical data	830	\$	127,403
	Category Total	830	\$	127,403
	Country		Quantity	Value
	VARIOUS			
	(Continued)			
<i>Category VII</i>	Tanks and Military Vehicles			
	(h) Technical data	1,170	\$	4,197,575
	Category Total	1,170	\$	4,197,575
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(i) Technical data	5,431	\$	3,610,536
	Category Total	5,431	\$	3,610,536
<i>Category IX</i>	Military Training Equipment and Training			
	(a) Training equipment	3	\$	300
	(b) Simulation devices for the items covered by this subchapter	8	\$	800
	(c) Tooling and equipment	385	\$	820,911
	(d) Components, parts and associated equipment	1	\$	500
	(e) Technical data	4,149	\$	3,626,283
	Category Total	4,546	\$	4,448,794
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(e) Technical data	4	\$	701
	Category Total	4	\$	701
<i>Category XI</i>	Military Electronics Computers specifically designed for military applications and any computer specifically modified for use with any defense article			
	(a)(6)	20	\$	20,000
	(c) Components, parts and associated equipment	235	\$	66,207
	(d) Technical data	6,625	\$	38,296,986

<i>Category XX</i>	Category Total	22	\$	41,100
	Submersible Vessels, Oceanographic and Associated Equipment			
	(d) Technical data	500	\$	50,000
	Category Total	500	\$	50,000
	Country Total Authorized	81,652	\$	72,230,263
	Country Total Shipped			

VIETNAM

<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i) Technical data	501	\$	5,100
	Category Total	501	\$	5,100
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (a) Aircraft, including but not limited to helicopters, non- expansive balloons, drones and lighter-than-air aircraft	2	\$	1,470,000
	(h) Components, parts and associated equipment	8	\$	19,387

Country

Quantity

Value

**VIETNAM
(Continued)**

<i>Category VIII (continued)</i>	Aircraft and Associated Equipment			
	(i) Technical data	1,000	\$	5,000
	Category Total	1,010	\$	1,494,387
<i>Category XI</i>	Military Electronics			
	(d) Technical data	2	\$	110
	Category Total	2	\$	110
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			

	Infrared focal plane array detectors; image intensification and other night sighting			
	*(c) equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	30	\$	231,012
	Category Total	30	\$	231,012
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(c) Global positioning System (GPS) receiving equipment	2	\$	836,780
	Category Total	2	\$	836,780
	Country Total Authorized	1,547	\$	2,567,391
	Country Total Shipped			

**WESTERN
SAMOA**

<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	20	\$	4,620
	Category Total	20	\$	4,620
	Country Total Authorized	20	\$	4,620
	Country Total Shipped			

YEMEN

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(c) Firearms and other weapons	600	\$	264,000
	Category Total	600	\$	264,000

Country

Quantity

Value

**YEMEN
(Continued)**

<i>Category VI</i>	Vessels of War and Special Naval Equipment			
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	(g)	Technical data	1	\$	500
		Category Total	1	\$	500
<i>Category VII</i>		Tanks and Military Vehicles			
	*(f)	Engines specifically designed or modified for the vehicles in (a), (b) and (e)	30	\$	236,040
	(g)	Components, parts and associated equipment	1,051	\$	2,753,262
	(h)	Technical data	31	\$	1,801
		Category Total	1,112	\$	2,991,103
<i>Category VIII</i>		Aircraft and Associated Equipment			
	*(b)	Military aircraft engines	5	\$	2,950,000
	(h)	Components, parts and associated equipment	2,162	\$	5,989,630
		Category Total	2,167	\$	8,939,630
<i>Category XIII</i>		Auxiliary Military Equipment			
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	2	\$	228,748
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	3	\$	89,015
		Category Total	5	\$	317,763
<i>Category XIV</i>		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	70,600	\$	1,018,000
		Category Total	70,600	\$	1,018,000
		Country Total Authorized	74,485	\$	13,530,996
		Country Total Shipped			

<i>Country</i>		Quantity		Value
<i>YUGOSLAVIA</i>				
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(f) Technical data	2	\$	15,000
	Category Total	2	\$	15,000
	Country Total Authorized	2	\$	15,000
	Country Total Shipped			
<i>ZAIRE</i>				
<i>Category XI</i>	Military Electronics			
	(d) Technical data	400	\$	168,000
	Category Total	400	\$	168,000
	Country Total Authorized	400	\$	168,000
	Country Total Shipped			
<i>ZAMBIA</i>				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi-automatic firearms	20	\$	14,777
	Category Total	20	\$	14,777
<i>Category III</i>	Ammunition/Ordnance			
	*(a) Ammunition/ordnance for Categories I & II articles	165	\$	9,685
	Category Total	165	\$	9,685
<i>Category VIII</i>	Aircraft and Associated Equipment			
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	4	\$	2,400,000
	(h) Components, parts and associated equipment	14	\$	842,500

Category Total	18	\$	3,242,500
Country Total Authorized	183	\$	3,266,962
Country Total Shipped			

<i>Country</i>		Quantity	Value
ZIMBABWE			
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
(i)	Technical data	4	\$ 4,000
	Category Total	4	\$ 4,000
	Country Total Authorized	4	\$ 4,000
	Country Total Shipped		

PART 2
FY 2009 Authorized Defense Services

Country	Category(ies)	Value
<i>Afghanistan</i>	II	\$ 10,100
	VIII	\$ 2,500,000
	IX	\$ 16,109,654
	XI	\$ 1,115,783
	XIII	\$ 3,000,000
	<i>Afghanistan Total Services</i>	\$ 22,735,537
 <i>Albania</i>		
	XI	\$ 100,000
	<i>Albania Total Services</i>	\$ 100,000
 <i>Algeria</i>		
	VIII	\$ 20,000,000
	XI	\$ 11,641,046
	XI & XIII	\$ 201,136
	<i>Algeria Total Services</i>	\$ 31,842,182
 <i>Angola</i>		
	XI	\$ 100,000
	<i>Angola Total Services</i>	\$ 100,000
 <i>Argentina</i>		
	VIII	\$ 384,000
	VIII & XI	\$ 2,900,000
	VIII & XII	\$ 1,000,000
	XV	\$ 1,580,500
	<i>Argentina Total Services</i>	\$ 5,864,500
 <i>Armenia</i>		
	XI	\$ 100,000
	<i>Armenia Total Services</i>	\$ 100,000
 <i>Australia</i>		
	I & II	\$ 35,700,000
	I, II, IV & VII	\$ 450,000

II & VII	\$	1,500,000
III	\$	45,500,000
IV	\$	186,212,675
IV & VIII	\$	825,000
IV, VIII, XI & XIII	\$	657,520
IV, VIII & XIII	\$	150,000
IV & XI	\$	46,090,000
VI	\$	11,108,000
VII	\$	66,580,500
VIII	\$	2,211,782,080
VIII, IX & XI	\$	1,627,051,000
VIII & XI	\$	172,483,110
VIII, XI & XII	\$	3,000,000
VIII & XIII	\$	54,000,000
IX	\$	20,280,000
X	\$	4,500,000
XI	\$	416,377,955
XI & XV	\$	24,500,000
XII	\$	79,206,000
XIII	\$	52,969,487
XIV	\$	8,300
XV	\$	499,905,000
XX	\$	12,835,000
<i>Australia Total Services</i>	\$	5,573,671,627
<i>Austria</i>		
III & IV	\$	100,000
VII	\$	4,481,580
VIII	\$	110,000,000
XV	\$	3,600,000
<i>Austria Total Services</i>	\$	118,181,580
<i>Azerbaijan</i>		
IX	\$	1,788,411
<i>Azerbaijan Total Services</i>	\$	1,788,411
<i>Bahrain</i>		
VII	\$	50,000
VIII	\$	1,452,250
IX	\$	41,250

	XI	\$	355,500
	<i>Bahrain Total Services</i>	\$	1,899,000
<i>Barbados</i>			
	IV	\$	9,200
	<i>Barbados Total Services</i>	\$	9,200
<i>Belgium</i>			
	I	\$	165,000
	I & III	\$	250,000
	II, III & XII	\$	43
	III	\$	4,132,000
	IV	\$	9,140,500
	VII	\$	1,000
	VII, IX, XI, XII & XXI	\$	240,000
	VIII	\$	586,444,702
	VIII & XI	\$	90,030,000
	IX	\$	835,000
	XI	\$	135,304,506
	XIII	\$	6,942,962
	<i>Belgium Total Services</i>	\$	833,485,713
<i>Belize</i>			
	XI	\$	470,085
	<i>Belize Total Services</i>	\$	470,085
<i>Bolivia</i>			
	IX	\$	810,240
	XI	\$	225,000
	<i>Bolivia Total Services</i>	\$	1,035,240
<i>Botswana</i>			
	VIII & XI	\$	6,000,000
	XI	\$	100,000
	<i>Botswana Total Services</i>	\$	6,100,000
<i>Brazil</i>			
	I	\$	35,349,000
	I & III	\$	5,000
	II, III & XII	\$	41,500,000

	IV, VIII, XI & XII	\$	27,000,000
	VII	\$	500,000
	VIII	\$	112,591,271
	VIII & XI	\$	6,312,500
	XI	\$	14,739,829
	XII	\$	8,284,012
	XII & XV	\$	3,478,800
	XV	\$	1,000,937
	<i>Brazil Total Services</i>	\$	250,761,349
<i>British Virgin Islands</i>			
	IX	\$	1,458,000
	<i>British Virgin Islands Total Services</i>	\$	1,458,000
<i>Brunei</i>			
	XI	\$	857,000
	<i>Brunei Total Services</i>	\$	857,000
<i>Bulgaria</i>			
	VII	\$	670,000
	VIII	\$	150,000
	XI	\$	950,000
	<i>Bulgaria Total Services</i>	\$	1,770,000
<i>Cameroon</i>			
	VI	\$	1,714,235
	<i>Cameroon Total Services</i>	\$	1,714,235
<i>Canada</i>			
	I, II, III & IV	\$	450,000
	I & IV	\$	50,000,000
	II	\$	16,935,000
	II, III, VII, XI, & XII	\$	30,000,000
	II, IV & XV	\$	4,400,000
	II, VII, IX, XI & XII	\$	3,650,000
	II, VII, IX, XI, XII, XIII & XV	\$	110,000
	II, VIII, IX & XIII	\$	12,000,000
	II, VII & XII	\$	110,000
	II & XI	\$	200,000
	III	\$	9,235,000

IV	\$ 38,398,000
IV, V, VI, VII, VIII, X, XI, XII, XVI & XX	\$ 270,000
IV, VI, VIII, XII & XV	\$ 15,000,000
IV, VI, IX, XI, XII & XX	\$ 2,500,000
IV, IX & XII	\$ 11,000,000
IV & XI	\$ 10,000
V	\$ 11,005,100
VI	\$ 7,439,150
VI & VIII	\$ 250,000
VI, X & XI	\$ 3,000,000
VII	\$ 310,881,501
VII & VIII	\$ 15,600,000
VII, VIII & XI	\$ 25,000
VII, VIII & XXI	\$ 70,000,000
VII & XI	\$ 5,000,000
VII, XI & XII	\$ 151,000
VII, XI, XII, XIV & XV	\$ 20,000
VII & XII	\$ 4,135,000
VII & XIII	\$ 1,000
VIII	\$ 885,404,425
VIII & IX	\$ 5,600,000
VIII & XI	\$ 51,000,000
VIII & XII	\$ 1,000,000
VIII & XIII	\$ 17,091,435
VIII & XV	\$ 200,000
VIII & XXI	\$ 200,000
IX	\$ 55,875,221
IX & XI	\$ 7,262,880
X	\$ 5,938,250
XI	\$ 922,396,615
XI & XII	\$ 2,200,000
XI & XV	\$ 250,000
XII	\$ 457,995,100
XII & XIII	\$ 13,552,250
XII & XV	\$ 4,950,000
XIII	\$ 211,199,987
XIV	\$ 3,769,000
XV	\$ 145,491,459
XX	\$ 2,595,000
XXI	\$ 50,000

	Canada Total Services	\$ 3,415,797,373
Cayman Islands		
	I, II, III, IV, V, VII, VIII & XI	\$ 17,560,000
	I, II, III, VII, VIII, X, XI, XIII & XIV	\$ 2,350,000
	II & VII	\$ 29,660,000
	VII	\$ 3,334,960
	Cayman Islands Total Services	\$ 52,904,960
Chile		
	VIII	\$ 78,707,819
	XI	\$ 24,100,000
	XII	\$ 16,500,000
	Chile Total Services	\$ 119,307,819
China		
	XV	\$ 1,100,000
	China Total Services	\$ 1,100,000
Colombia		
	VII	\$ 8,500,000
	VIII	\$ 100,555,218
	VIII, IX, X & XVI	\$ 750,000
	VIII, XI & XII	\$ 300,000
	VIII & XI	\$ 6,974,000
	IX, X & XII	\$ 871,075
	X, XI & XII	\$ 1,446,792
	XI	\$ 17,986,000
	XII	\$ 14,500,000
	Colombia Total Services	\$ 151,883,085
Costa Rica		
	VIII	\$ 650,000
	XI	\$ 4,227,000
	XI & XII	\$ 1,110,000
	XV	\$ 70,000
	Costa Rica Total Services	\$ 6,057,000
Czech Republic		
	VII & VIII	\$ 300,000

	VIII	\$	37,882,242
	IX	\$	100,000
	XI	\$	1,000,000
	XII	\$	4,900,000
	XIII	\$	75,000
	XV	\$	154,000
	<i>Czech Republic Total Services</i>	\$	<i>44,411,242</i>
<i>Denmark</i>			
	II & VIII	\$	2,025,000
	IV	\$	109,938,311
	IV, VII & XII	\$	19,200
	IV & IX	\$	10,000,000
	VI	\$	2,800,000
	VII	\$	800,000
	VIII	\$	37,068,559
	VIII & XI	\$	500,000
	IX	\$	36,527,000
	XI	\$	48,401,000
	XII	\$	17,175,000
	XIII	\$	480,000
	XV	\$	7,127,000
	<i>Denmark Total Services</i>	\$	<i>272,861,070</i>
<i>Dominican Republic</i>			
	VIII	\$	150,000
	XI	\$	2,250,000
	<i>Dominican Republic Total Services</i>	\$	<i>2,400,000</i>
<i>Ecuador</i>			
	XI	\$	335,000
	XI & XV	\$	117,000
	<i>Ecuador Total Services</i>	\$	<i>452,000</i>
<i>Egypt</i>			
	II, III, VII, IX & XII	\$	2,100,000
	IV	\$	31,091,100
	IV & XII	\$	9,000,000
	VI	\$	15,145,000
	VII	\$	4,800,000

	VIII	\$	98,070,000
	VIII & XI	\$	5,020,612
	IX	\$	2,758,447
	XI	\$	4,380,000
	XII	\$	3,745,025
	<i>Egypt Total Services</i>	\$	<i>176,110,184</i>
<i>El Salvador</i>			
	VIII	\$	5,110,000
	<i>El Salvador Total Services</i>	\$	<i>5,110,000</i>
<i>Estonia</i>			
	XI	\$	2,000,000
	XII	\$	2,635,185
	<i>Estonia Total Services</i>	\$	<i>4,635,185</i>
<i>Ethiopia</i>			
	VIII	\$	15,000,000
	<i>Ethiopia Total Services</i>	\$	<i>15,000,000</i>
<i>Finland</i>			
	VIII	\$	64,986,247
	VIII & XIII	\$	17,500,000
	XI	\$	57,366,000
	<i>Finland Total Services</i>	\$	<i>139,852,247</i>
<i>France</i>			
	III	\$	7,000,000
	IV	\$	871,048,365
	IV & VII	\$	3,592,715
	IV & XV	\$	41,848,640
	VIII	\$	207,458,800
	VIII & XI	\$	91,509,629
	VIII, XI & XII	\$	8,500,000
	VIII & XII	\$	7,010,000
	IX	\$	910,000
	XI	\$	130,831,484
	XI & XII	\$	7,000,000
	XI & XV	\$	48,050
	XII	\$	9,770,000

XIII	\$	2,000,000
XV	\$	66,036,560
XVI	\$	10,725,000
XX	\$	90,000
XXI	\$	715,000
France Total Services	\$	1,466,094,243
Georgia		
XI	\$	100,000
Georgia Total Services	\$	100,000
Germany		
I	\$	434,850
I, II, III, VII, X, XI, XII & XIV	\$	30,511,750
II, III	\$	65,267,292
II, VII, XII & XIV	\$	125,000
III	\$	18,467,980
IV	\$	1,215,473,000
IV & V	\$	5,000
IV & VII	\$	48,500
IV, VII & VIII	\$	30,700,000
IV, VIII & XI	\$	2,000,000
IV, VIII & XII	\$	5,000,000
IV, XI & XII	\$	1,685,302
VI	\$	9,855,010
VI & XI	\$	25,000
VII	\$	155,750,000
VII, VIII, XII & XV	\$	15,075,000
VII & XI	\$	11,000,000
VII, XI & XII	\$	25,450,000
VII & XIV	\$	15,000
VIII	\$	332,049,061
VIII, X & XIV	\$	7,200,000
VIII & XI	\$	3,000,000
VIII, XI & XII	\$	400,000
VIII & XIII	\$	46,346
IX	\$	3,900,000
X	\$	4,800,000
X & XII	\$	1,410,000
XI	\$	145,639,346

	XI & XIII	\$ 110,000
	XII	\$ 43,631,072
	XII & XV	\$ 21,460,000
	XIV	\$ 19,520,000
	XV	\$ 49,678,055
	Germany Total Services	\$ 2,219,732,564
Greece		
	IV	\$ 11,600,000
	VII	\$ 1,520,000
	VIII	\$ 630,291,381
	VIII & XI	\$ 25,000,000
	XI	\$ 100,247,000
	XIII	\$ 49,462
	Greece Total Services	\$ 768,707,843
Honduras		
	XIII	\$ 39,000,000
	Honduras Total Services	\$ 39,000,000
Hong Kong		
	IV & XV	\$ 2,000,000
	XV	\$ 35,061,850
	Hong Kong Total Services	\$ 37,061,850
Hungary		
	I, II, III, VII, XII & XIII	\$ 320,000
	XI	\$ 100,000
	XII	\$ 7,931,000
	XIII	\$ 49,462
	Hungary Total Services	\$ 8,400,462
India		
	I	\$ 520,000
	IV	\$ 44,135,000
	IV, VIII, XI & XV	\$ 500
	V	\$ 2,100,000
	VI	\$ 32,700,000
	VI, VII & VIII	\$ 200,000
	VI, VII, VIII & XV	\$ 17,505,000

	VII	\$ 15,394,524
	VII& VIII	\$ 2,250,000
	VIII	\$ 2,482,825,903
	VIII & IX	\$ 1,550,000
	VIII, X & XI	\$ 10,000,000
	VIII & XI	\$ 3,645,000
	IX	\$ 10,370,000
	IX & XI	\$ 2,500,000
	XI	\$ 146,759,899
	XII	\$ 90,100,000
	XIII	\$ 25,000,000
	XIV	\$ 31,800,000
	XV	\$ 989,942
	XVIII	\$ 177,000
	India Total Services	\$ 2,920,522,768
Indonesia		
	XI	\$ 100,000
	Indonesia Total Services	\$ 100,000
Iraq		
	VII	\$ 34,436,000
	VIII	\$ 20,180,000
	VIII, X & XI	\$ 45,893,835
	XI	\$ 6,519,170
	Iraq Total Services	\$ 107,029,005
Ireland		
	VI	\$ 2,000,000
	VI, VII & XI	\$ 4,000,000
	XI	\$ 43,050,000
	Ireland Total Services	\$ 49,050,000
Israel		
	II & III	\$ 43,000,000
	II, III, VII & XII	\$ 35,000
	II, III & XII	\$ 27,600,000
	III	\$ 1,000,000
	IV	\$ 97,489,800
	IV & V	\$ 5,421,000

IV, VI, XI, XII, XIII, XV & XVII	\$ 1,750,000
IV & VII	\$ 3,900,000
IV, VIII, XI & XII	\$ 75,000
IV & XI	\$ 420,000
VI	\$ 10,450,000
VI & XI	\$ 50,000
VII	\$ 148,368,000
VII & VIII	\$ 3,500,000
VII, IX, XI & XIII	\$ 1,596,000
VII & XI	\$ 101,357,902
VII & XIII	\$ 700,000
VIII	\$ 350,040,232
VIII & IX	\$ 7,328,997
VIII, X & XI	\$ 9,900,000
VIII & XI	\$ 131,198,289
IX	\$ 37,795,400
X	\$ 4,853,750
X, XI & XII	\$ 3,100,000
X, XI & XIII	\$ 11,600,000
X & XIII	\$ 4,300,000
XI	\$ 349,134,119
XI & XII	\$ 31,120,000
XII	\$ 209,733,920
XII & XV	\$ 250,000
XIII	\$ 13,926,000
XIV	\$ 100,000
XV	\$ 98,124,600
<i>Israel Total Services</i>	\$ 1,709,218,009

Italy

I	\$ 470,000
II	\$ 31,000,000
II & XI	\$ 600,000
III	\$ 1,500,000
IV	\$ 180,097,000
IV & V	\$ 1,500,000
IV, VII & VIII	\$ 600,000
IV & VIII	\$ 100,000
VI	\$ 5,220,000
VII	\$ 15,971,000

VIII	\$ 858,530,690
VIII & XI	\$ 531,758,581
VIII & XII	\$ 1,100,000
IX	\$ 1,800,000
IX, XII & XV	\$ 2,060,700
XI	\$ 314,029,786
XI & XII	\$ 20,240,000
XII	\$ 51,050,400
XII & XV	\$ 2,402,000
XIII	\$ 188,310
XIV	\$ 20,000
XV	\$ 55,940,000
Italy Total Services	\$ 2,076,178,467

Japan

I	\$ 922,000
I, II, III, IV, V, VIII, IX, X, XI, XII & XIV	\$ 3,500,000
I & III	\$ 68,250
I & XII	\$ 1,000,000
II	\$ 18,000,000
II & III	\$ 107,970,000
II, VII, IX, XI & XII	\$ 530,000
III	\$ 68,958,000
IV	\$ 7,468,854,000
IV & XI	\$ 131,100
VI	\$ 14,500,000
VI & VIII	\$ 20,000,000
VII	\$ 40,760,000
VII & VIII	\$ 30,000,000
VII & XI	\$ 151,059
VII & XIII	\$ 5,000,000
VIII	\$ 10,772,657,530
VIII, IX & XII	\$ 200,000
VIII & XI	\$ 42,547,700
VIII, XI, XII & XIII	\$ 7,640,302
VIII & XIII	\$ 55,050,000
IX	\$ 126,687,000
X	\$ 7,695,015
X & XV	\$ 1,000,000
XI	\$ 1,805,611,116

	XII	\$ 565,926,035
	XIII	\$ 8,195,000
	XIV	\$ 150,000
	XV	\$ 657,117,555
	Japan Total Services	\$21,830,821,662
Jordan		
	IV & V	\$ 2,000,000
	V	\$ 1,152,000
	VII	\$ 5,300,000
	VIII	\$ 59,855,613
	VIII, IX & XV	\$ 500,000
	IX	\$ 9,456,125
	XI	\$ 58,441,126
	XV	\$ 5,000,000
	Jordan Total Services	\$ 141,704,864
Kenya		
	XI	\$ 750,000
	Kenya Total Services	\$ 750,000
Kuwait		
	I, II & VII	\$ 9,000,000
	IV	\$ 21,060,000
	VII	\$ 31,450,000
	VII & XI	\$ 8,500,000
	VIII	\$ 56,500,000
	VIII & XI	\$ 6,000,000
	Kuwait Total Services	\$ 132,510,000
Latvia		
	XV	\$ 3,000,000
	Latvia Total Services	\$ 3,000,000
Lebanon		
	VII	\$ 2,000,000
	VIII	\$ 4,270,000
	VIII & XI	\$ 1,552,000
	Lebanon Total Services	\$ 7,822,000

<i>Libya</i>		
VIII	\$	13,609,551
Libya Total Services	\$	13,609,551
<i>Liechtenstein</i>		
XI	\$	16,750,000
Liechtenstein Total Services	\$	16,750,000
<i>Luxembourg</i>		
IV	\$	34,216,900
XI	\$	3,700,000
XIII	\$	3,000,000
Luxembourg Total Services	\$	40,916,900
<i>Malaysia</i>		
IV, VI, VII, VIII, XI, XII & XX	\$	37,091,876
VII	\$	337,000
VIII	\$	11,850,000
VIII, IX & XII	\$	27,650,000
VIII & XII	\$	1,130,400
IX	\$	1,410,640
XI	\$	22,266,011
XII	\$	2,180,000
Malaysia Total Services	\$	103,915,927
<i>Mexico</i>		
I	\$	76,000
II, III, IV, VII, VIII, X, XI, XII, XV & XVI	\$	1,000,000
IV	\$	29,699,000
IV, VI, VII & VIII	\$	13,001,000
IV, VI, VII, VIII, XI & XII	\$	67,500,000
IV, VI, VII, VIII, XI & XV	\$	750,000
IV & VII	\$	40,400,000
IV, VII & VIII	\$	55,800,000
IV, VII, VIII, XII & XX	\$	10,000,000
IV, VIII & IX	\$	5,789,399
IV, VIII & XI	\$	1,000
IV, VIII, XI & XV	\$	2,000
IV, VIII & XII	\$	1,718,300
IV, XI & XII		21,702,000

	IV, XI, XIII & XV	\$	300,000
	IV & XII	\$	5,284,900
	VI	\$	251,310,000
	VI, VII & VIII	\$	108,270,000
	VI, VII, VIII, XI, XIII, XV & XVIII	\$	1,932,679
	VI, X & XI	\$	4,000,000
	VII	\$	113,991,636
	VII & VIII	\$	125,000
	VII, VIII, IX, X, XI, XII & XXI	\$	10,000,000
	VII, VIII, XI & XII	\$	17,350,000
	VII & X	\$	250,550,000
	VIII	\$	283,165,518
	VIII & XI	\$	1,575,000
	VIII, XI & XII	\$	898,862
	VIII & XII	\$	1,938,200
	IX	\$	2,271,000
	IX & XI	\$	33,424,705
	XI	\$	316,764,536
	XII	\$	5,581,815
	XV	\$	20,060,000
	Mexico Total Services	\$	1,676,232,550
Moldova			
	XI	\$	100,000
	Moldova Total Services	\$	100,000
Montenegro			
	I, II, III, IV, VII, IX & XXI	\$	2,800,000
	Montenegro Total Services	\$	2,800,000
Morocco			
	VII	\$	50,000
	VIII	\$	49,025,000
	VIII & XI	\$	6,000,000
	XIII	\$	57,750
	Morocco Total Services	\$	55,132,750
Nepal			
	XI	\$	100,000
	Nepal Total Services	\$	100,000

Netherlands

I, III, IV, VII & XII	\$	340,100
II, VIII & XI	\$	15,670,000
IV	\$	50,000
IV & XI	\$	300,000
VI	\$	17,440,000
VI, VII & VIII	\$	100,000
VII	\$	3,085,000
VII & XII	\$	1,300,000
VIII	\$	1,709,093,426
VIII & IX	\$	30,204,000
IX	\$	2,237,613
XI	\$	87,069,226
XII	\$	12,387,000
XII & XIII	\$	9,000,000
XIII	\$	400,000
XV	\$	37,918,960
<i>Netherlands Total Services</i>	\$	<i>1,926,595,325</i>

Netherlands Antilles

II	\$	250,000
X	\$	75,000
<i>Netherlands Antilles Total Services</i>	\$	<i>325,000</i>

New Zealand

IV	\$	30,870,000
IV & XIV	\$	472,000
VIII	\$	30,300,000
VIII & XI	\$	5,100,000
XI	\$	21,740,100
<i>New Zealand Total Services</i>	\$	<i>88,482,100</i>

Norway

I & II	\$	150,000
II & XII	\$	22,500,000
III	\$	1,670,000
IV	\$	185,100,000
IV & XV	\$	1,848,640
VI	\$	1,183,055

	VI & XII	\$	75,000
	VII	\$	19,526,844
	VIII	\$	27,520,016
	VIII & XI	\$	2,000,000
	IX	\$	950,000
	XI	\$	118,810,210
	XII	\$	84,778,666
	XV	\$	73,750,000
	XX	\$	35,170,000
	Norway Total Services	\$	575,032,431
Oman			
	VII	\$	50,000
	VIII & XI	\$	250,000
	IX	\$	508,000
	XI	\$	4,375,000
	Oman Total Services	\$	5,183,000
Pakistan			
	IV	\$	13,850,000
	VIII	\$	61,451,680
	VIII & XI	\$	6,000,000
	XI	\$	41,100,000
	XII	\$	52,976,902
	Pakistan Total Services	\$	175,378,582
Panama			
	IX & XII	\$	355,250
	Panama Total Services	\$	355,250
Peru			
	VIII	\$	20,000,000
	XI & XV	\$	690,000
	XII	\$	892,500
	Peru Total Services	\$	21,582,500
Philippines			
	VIII & IX	\$	1,460,634
	XI	\$	5,318,629
	XV	\$	2,000,000
	Philippines Total Services	\$	8,779,263

Poland

III, VII, XII & XIII	\$	320,000
VII	\$	5,065,000
VIII	\$	259,010,000
XI	\$	8,000,000
XII	\$	540,000
<i>Poland Total Services</i>	\$	272,935,000

Portugal

IV	\$	100,000
IV, X, XI, XII, XIII, XIV & XVIII	\$	152,400
VII	\$	3,444,000
VIII	\$	137,824,500
XI	\$	5,910,000
XII	\$	5,000,000
XXI	\$	150,000
<i>Portugal Total Services</i>	\$	152,580,900

Qatar

VIII	\$	613,883,000
<i>Qatar Total Services</i>	\$	613,883,000

Romania

XI	\$	3,150,000
XII	\$	25,200,000
<i>Romania Total Services</i>	\$	28,350,000

Russia

IV	\$	3,750,000
VI	\$	600,000
XI	\$	1,300,000
XV	\$	5,090,000
<i>Russia Total Services</i>	\$	10,740,000

Saudi Arabia

VII & IX	\$	133,065,111
VII & XI	\$	19,580,529
VIII	\$	255,684,501
VIII, IX, XI, XII, XIII & XVII	\$	21,900,000

	VIII & XI	\$	4,300,000
	IX	\$	11,009,000
	XI	\$	70,464,764
	XII	\$	83,160,000
	XIII	\$	9,000,000
	<i>Saudi Arabia Total Services</i>	\$	608,163,905
<i>Senegal</i>			
	VI & XI	\$	1,474,937
	<i>Senegal Total Services</i>	\$	1,474,937
<i>Sierra Leone</i>			
	XI	\$	807,898
	<i>Sierra Leone Total Services</i>	\$	807,898
<i>Singapore</i>			
	I, II, IV, VI, VII, VIII, IX, X, XI, XII, XIII, XV, XVIII & XX	\$	100
	III	\$	200,000
	IV	\$	14,872,000
	IV & VII	\$	600,000
	IV, VIII & XI	\$	35,100,000
	IV & IX	\$	14,000,000
	VI	\$	8,345,000
	VII	\$	62,432,000
	VIII	\$	239,256,850
	VIII, IX & XI	\$	3,392,857
	VIII & XI	\$	47,000,000
	VIII, XI & XII	\$	15,220,000
	VIII, XI & XIII	\$	101,000
	IX	\$	17,727,534
	XI	\$	38,581,566
	XII	\$	71,033,300
	XIV	\$	21,800,000
	XV	\$	6,655,000
	XVI	\$	150,000
	XVIII	\$	60,000
	<i>Singapore Total Services</i>	\$	596,527,207
<i>Slovakia</i>			
	VIII	\$	700,000

	<i>Slovakia Total Services</i>	\$	700,000
	<i>Slovenia</i>		
	XI	\$	2,000,000
	<i>Slovenia Total Services</i>	\$	2,000,000
	<i>South Africa</i>		
	III	\$	26,800,000
	VII	\$	23,950,000
	VII & XIII	\$	149,600,000
	VIII	\$	7,650,000
	VIII & XI	\$	1,000,000
	XI	\$	60,455,520
	XV	\$	20,000,000
	<i>South Africa Total Services</i>	\$	289,455,520
	<i>South Korea</i>		
	II	\$	1,700,000
	II & III	\$	7,655,000
	III	\$	37,000,000
	IV	\$	191,740,814
	IV & VIII	\$	10,000,000
	IV, XI & XII	\$	400,000
	VI	\$	21,345,595
	VII	\$	126,739,200
	VII & VIII	\$	700,000
	VIII	\$	3,830,244,576
	VIII & X	\$	4,700,000
	VIII & XI	\$	500,000
	VIII, XI & XII	\$	3,000,000
	VIII & XIII	\$	41,000,000
	IX	\$	31,874,000
	XI	\$	164,377,813
	XI & XII	\$	5,050,000
	XI & XIII	\$	335,000
	XII	\$	278,502,514
	XIII	\$	141,000
	XIV	\$	922,883
	XV	\$	15,123,000
	XX	\$	450,000

	<i>South Korea Total Services</i>	\$ 4,773,501,395
<i>Spain</i>		
	II	\$ 10,000,000
	III	\$ 6,000,000
	IV	\$ 21,625,030
	VI	\$ 1,287,872
	VIII	\$ 93,072,300
	VIII & XI	\$ 5,199,975
	VIII, XI & XII	\$ 100,000
	IX	\$ 34,095,094
	XI	\$ 90,568,055
	XII	\$ 22,624,348
	XIII	\$ 49,642
	XV	\$ 254,195,000
	<i>Spain Total Services</i>	\$ 538,817,316
<i>Sri Lanka</i>		
	XI	\$ 4,000,000
	<i>Sri Lanka Total Services</i>	\$ 4,000,000
<i>Sweden</i>		
	I & II	\$ 800,000
	I & XII	\$ 1,000,000
	II, III, VII, XI & XII	\$ 956,000
	III	\$ 22,015,000
	III & V	\$ 200,000
	IV	\$ 12,755,000
	IV & XV	\$ 51,648,640
	V & XV	\$ 2,580,000
	VI	\$ 4,050,000
	VII	\$ 41,938,058
	VIII	\$ 150,540,000
	VIII & XI	\$ 600,000
	IX	\$ 3,547,630
	X	\$ 99,000,000
	XI	\$ 71,088,603
	XI & XV	\$ 2,200,000
	XII	\$ 12,410,000
	XIII	\$ 4,847,000

	XV	\$ 60,430,000
	Sweden Total Services	\$ 542,605,931
Switzerland		
	II	\$ 60,000,000
	III	\$ 13,610,000
	III & V	\$ 2,000,000
	IV & VIII	\$ 54,000
	IV, XI & XV	\$ 50,000
	VI	\$ 50,000
	VI & XI	\$ 150,000
	VII	\$ 12,600,000
	VIII	\$ 37,952,000
	VIII & XI	\$ 25,000,000
	VIII, XI & XII	\$ 8,700,000
	XI	\$ 6,696,155
	XII	\$ 2,867,000
	XV	\$ 120,000
	Switzerland Total Services	\$ 169,849,155
Taiwan		
	III	\$ 3,895,000
	III & XI	\$ 1,552,000
	IV	\$ 19,150,000
	VI	\$ 500,000
	VII	\$ 3,050,000
	VIII	\$ 146,992,000
	VIII & XI	\$ 21,488,500
	VIII & XII	\$ 660,460
	IX	\$ 54,942,100
	XI	\$ 89,044,535
	XII	\$ 47,701,000
	XIII	\$ 31,000
	XIV	\$ 190,000
	XV	\$ 16,975,000
	Taiwan Total Services	\$ 406,171,595
Thailand		
	I, VIII, XI & XII	\$ 5,000
	VII, VIII, XI & XII	\$ 9,700,000

	VII & XI	\$	10,000
	VIII	\$	114,815,000
	VIII, XI & XII	\$	10,000
	XI	\$	3,450,000
	XV	\$	4,000,000
	<i>Thailand Total Services</i>	\$	<i>131,990,000</i>
<i>Trinidad and Tobago</i>			
	IX, X & XII	\$	790,000
	XI	\$	100,000
	XII	\$	1,957,500
	<i>Trinidad and Tobago Total Services</i>	\$	<i>2,847,500</i>
<i>Tunisia</i>			
	XI	\$	100,000
	<i>Tunisia Total Services</i>	\$	<i>100,000</i>
<i>Turkey</i>			
	II, III & XII	\$	22,000,000
	II & VII	\$	121,000,000
	III	\$	200,000
	IV	\$	140,750,000
	VII	\$	10,165,000
	VIII	\$	3,486,153,967
	VIII & XI	\$	200,820,000
	IX	\$	500,000
	XI	\$	340,966,611
	XII	\$	19,800,000
	XII & XV	\$	2,000,000
	<i>Turkey Total Services</i>	\$	<i>4,344,355,578</i>
<i>Uganda</i>			
	VIII	\$	6,000,000
	XI	\$	100,000
	<i>Uganda Total Services</i>	\$	<i>6,100,000</i>
<i>Ukraine</i>			
	IV, VIII, XI, XII & XV	\$	7,125,000
	<i>Ukraine Total Services</i>	\$	<i>7,125,000</i>

United Arab Emirates

I, II, III, X & XII	\$	3,591,000
I, III, IV, VI, VII, VIII, IX, X, XI & XIII	\$	150,100
I, III, IV, VI, X & XI	\$	9,500,000
I, IV & VII	\$	2,000,000
I, VIII, IX, XI & XII	\$	48,161,806
IV	\$	85,508,589
VII & XI	\$	40,430,913
VIII	\$	445,781,060
VIII, IX & XI	\$	3,002,500
IX	\$	50,000,000
X	\$	109,000
XI	\$	36,700,000
XII	\$	3,945,938
XIII	\$	18,025,100
XIV	\$	1,100,000
XV	\$	8,540,000
XVIII	\$	47,000,000
XXI	\$	727,000
<i>United Arab Emirates Total Services</i>	\$	804,273,006

United Kingdom

I	\$	11,748,000
I, II, III, VII, VIII, X, XI, XIII & XIV	\$	3,500,000
II	\$	142,404,777
II, III, IV, VII, VIII, XI, XII & XV	\$	11,325,000
II, III, VII, XII & XIII	\$	500,000
II, VI & VII	\$	100,000
III	\$	500,000
IV	\$	626,389,533
IV & V	\$	17,660,000
IV & VIII	\$	18,932,054
IV, VIII & XI	\$	100,000
IV, VIII, XI, XII, XIII, XIV & XV	\$	3,000,000
IV & XI	\$	2,868,000
V	\$	800,000
VI	\$	76,991,172
VI, VII & VIII	\$	100,000
VI, VII, VIII, IX & XIII	\$	35,000,000
VI & VIII	\$	21,850,000

VI, VIII & XI	\$ 40,000
VI, IX, XI, XII & XIII	\$ 2,500,000
VI & XI	\$ 4,900,000
VI & XII	\$ 8,600,000
VI & XIV	\$ 980,000
VI & XV	\$ 1,600,000
VII	\$ 529,157,845
VII & VIII	\$ 400,000
VII, IX, X, XI, XII, XIII & XVIII	\$ 30,126,000
VII, IX, XI & XII	\$ 5,000,000
VII, X & XII	\$ 822,600
VII, X & XXI	\$ 400,000
VII & XI	\$ 340,200
VII & XII	\$ 10,981,207
VII & XIII	\$ 1,245,000
VII & XIV	\$ 15,000
VIII	\$ 1,636,186,824
VIII & IX	\$ 25,000
VIII & X	\$ 5,793,000
VIII, X, XI & XII	\$ 1,840,000
VIII & XI	\$ 43,110,000
VIII, XI & XII	\$ 50,000
VIII, XI & XV	\$ 75,000
VIII & XII	\$ 3,225,000
VIII & XIII	\$ 16,667,111
VIII & XXI	\$ 850,000
IX	\$ 866,425,495
IX & XI	\$ 156,900
IX, XI, XII, XIII, XIV, XVI & XVII	\$ 1,750,000
IX, XI & XIII	\$ 1,550,000
X	\$ 935,000
X & XI	\$ 5,200,000
X & XIV	\$ 2,335,943
XI	\$ 2,400,575,629
XI & XII	\$ 33,216,000
XI, XII & XIII	\$ 400,000
XI, XII & XXI	\$ 587,000
XI & XIII	\$ 200,000
XI, XIII & XV	\$ 225,000
XI & XVI	\$ 290,000

XII	\$ 557,139,176
XIII	\$ 85,334,887
XIV	\$ 92,754,200
XV	\$ 71,895,522
XVI	\$ 300,000
XVIII	\$ 18,200,000
XX	\$ 5,600,000
XXI	\$ 640,000
United Kingdom Total Services	\$ 7,424,409,075

Uruguay

VIII	\$ 10,182,000
VIII & IX	\$ 352,250
Uruguay Total Services	\$ 10,534,250

Various Countries

I	\$ 5,100,000
I & II	\$ 200,000
I, II, III, IV, VII, VIII, IX, X, XI, XII, XIII & XIV	\$ 13,400,000
I, II, III, IV, VII, IX, X, XI, XII, XIII & XIV	\$ 20,200,000
I, II, III, IV, VII, IX & XXI	\$ 47,577,162
I, II, III, IV, IX & XXI	\$ 650,000
I, III, IV, VIII, X, XI & XII	\$ 16,740,000
I, III, VII & XXI	\$ 40,300,000
I, III & X	\$ 5,280,000
I, IV, VIII, XI, XII & XIII	\$ 4,000,000
II	\$ 11,125,000
II & III	\$ 66,000,000
II, III, IV, VII & XII	\$ 200,000
II, III & VII	\$ 1,367,000
II, III, VII & XII	\$ 1,000,000
II, IV, VII, IX, XI & XII	\$ 17,000,000
II, IV, VIII, XI, XII & XIII	\$ 8,001,000
II & VII	\$ 6,144,500
II, VII, XI & XII	\$ 840,000
II, VII & XII	\$ 1,000,000
II & XI	\$ 5,000,000
II & XII	\$ 2,232,000
III	\$ 81,629,420
III, IV, V, VIII, IX, X, XI, XII & XIII	\$ 500,000

III, IV, V, VIII, XV	\$ 1,200,000
III, IV,VI, VII, XI, XII & XV	\$ 14,400,000
III & V	\$ 400,000
III, VII, XII & XIII	\$ 390,000
IV	\$ 1,658,731,763
IV & V	\$ 3,645,000
IV, V & XV	\$ 5,520,000
IV & VI	\$ 16,000,000
IV, VI, VII, VIII, XI, XV, XX & XXI	\$ 200,000
IV & VII	\$ 3,000,000
IV, VII & VIII	\$ 2,770,000
IV, VII VIII, XI, XII, XIII & XV	\$ 2,766,065
IV, VII, IX, XI, XII & XIII	\$ 50,000,000
IV, VII, IX, XII & XIII	\$ 9,000,000
IV & VIII	\$ 9,847,221
IV, VIII, IX, XI & XII	\$ 10,500,000
IV, VIII, XI, XII & XV	\$ 520,900,000
IV, VIII, XI & XX	\$ 25,650,000
IV, VIII & XII	\$ 1,600,000
IV & IX	\$ 1,540,000
IV & XI	\$ 7,000,000
IV, XI & XIII	\$ 1,551,000
IV & XII	\$ 4,832,000
IV & XV	\$ 62,698,640
V	\$ 11,823,840
VI	\$ 213,184,151
VI, VII, VIII & X	\$ 20,150,000
VI & VIII	\$ 49,958,000
VI & IX	\$ 50,000
VI, IX & XI	\$ 800,000
VI, IX, XI & XII	\$ 200,000
VI & XI	\$ 64,270,158
VI & XV	\$ 10,000
VI & XX	\$ 49,900,000
VII	\$ 332,821,433
VII, VIII, IX, X & XI	\$ 101,810,213
VII & XI	\$ 47,028,000
VII, XI & XII	\$ 130,644,000
VII & XII	\$ 10,300,000
VII & XIII	\$ 1,820,000

VII & XVII	\$	700,000
VIII	\$	2,649,909,214
VIII & IX	\$	86,800,000
VIII, IX & XI	\$	394,802,281
VIII, IX, XI & XII	\$	4,100,000
VIII, IX, XI, XIII, XVII & XXI	\$	500,000
VIII, IX, XI & XV	\$	505,000
VIII & XI	\$	1,301,390,772
VIII, XI & XII	\$	47,500,000
VIII & XII	\$	44,140,000
VIII & XIII	\$	33,522,000
VIII & XV	\$	750,000
IX	\$	637,102,864
IX & XI	\$	16,880,000
X	\$	142,954
X & XI	\$	300,000
X, XI & XII	\$	42,625,000
X & XIV	\$	1,100,000
XI	\$	3,608,180,476
XI & XII	\$	43,350,000
XI, XII & XX	\$	17,000,000
XI & XIII	\$	44,969,000
XI & XV	\$	420,500
XII	\$	589,519,301
XII & XV	\$	25,915,765
XIII	\$	36,895,668
XIV	\$	201,721,918
XV	\$	2,403,746,275
XVI	\$	5,531,000
XX	\$	22,785,923
XXI	\$	8,227,344
<i>Various Countries Total Services</i>		\$16,075,430,821
 <i>VIETNAM</i>		
XI	\$	160,000
<i>Vietnam Total Services</i>	\$	160,000
 <i>Global Total Services</i>		\$87,310,789,679