

**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, polynucleotides, 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

Country		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

	(d)	Components, parts and associated equipment	5,033	\$	740,757
	(e)	Technical data	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
	* (a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	207	\$	1,508,930
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	6	\$	27,310,000
	* (b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	436	\$	23,023,159
	(c)	Components, parts and associated equipment	57,933	\$	543,919,319
	(d)	Technical data	24	\$	11,400
		Category Total	59,570	\$	847,817,300

Country

Quantity

Value

**AFGHANISTAN
(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	* (a)	4	\$	4,881,669
	Lasers 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	* (b)	6,652	\$	56,885,002
	Components, parts and associated equipment	* (c)	451	\$	5,497,814
	Technical data	(e)	226	\$	363,763
		(f)	1	\$	20,000
	Category Total Auxiliary Military Equipment		7,334	\$	67,648,248
<i>Category XIII</i>	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	(b)	15	\$	1,031,480
	Concealment and deception equipment	(e)	81	\$	150,344
	Category Total Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment	(g)	40,000	\$	46,840,000
<i>Category XIV</i>	Tear gases and riot control agents		40,096	\$	48,021,824
		(d)	400	\$	13,980

<i>Country</i>		Quantity		Value
AFGHANISTAN				
<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 specifically designed or modified for military operations and compatibility with military equipment	2,034	\$	308,245
	*(f)			
	Technical data	1	\$	100,000
	(m)			
	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.	2	\$	32,964
	(e)			
	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		\$	40,046,818

ALBANIA

<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	12	\$	1,800
	Category Total	12	\$	1,800

Country

Quantity

Value

**ALBANIA
(Continued)**

<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		\$	1,800

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
		Category Total	2	\$	2,000
<i>Category VI</i>		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	15	\$	47,660
		Category Total	15	\$	47,660
<i>Category VIII</i>		Aircraft and Associated Equipment			
	*(b)	Military aircraft engines Cartridge-actuated devices utilized in	11	\$	6,650,785
	*(c)	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
		Category Total	7,456	\$	18,968,974

<i>Country</i>			Quantity		Value
ALGERIA <i>(Continued)</i>					
<i>Category IX</i>		Military Training Equipment and Training			
	(e)	Technical data	5	\$	900
		Category Total	5	\$	900
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	90	\$	240,907
		Category Total	90	\$	240,907
<i>Category XI</i>		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			
	* (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	\$	14,000
	* (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	\$	1,980
	(e)	Components, parts and associated equipment	604	\$	155,008
	(f)	Technical data	3	\$	650
		Category Total	610	\$	171,638

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

<i>Category XIV</i>	<p>Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment</p>			
	(d) Tear gases and riot control agents	310,000	\$	5,850,000
	Components, parts, and associated equipment specifically designed or * (f) 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>	<p>Spacecraft Systems and Associated Equipment Global positioning System (GPS) receiving equipment</p>			
	(c) System (GPS) receiving equipment	1	\$	1,000
	(f) Technical data	20	\$	1,000
	Category Total	21	\$	2,000
	Country Total Authorized	332,203	\$	49,758,311
	Country Total Shipped		\$	12,429,129

ANDORRA

<i>Category I</i>	<p>Firearms, Close Assault Weapons and Combat Shotguns</p>			
	* (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>	<p>Ammunition/Ordnance Ammunition/ordnance for Categories I & II articles</p>			
	* (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		\$	6,284

<i>Country</i>		Quantity		Value
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	96	\$	246,261
	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
	Country Total Shipped		\$	-
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>		\$	5,328

Country

Quantity

Value

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
<i>Category IV</i>		Category Total Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines	26,708,324	\$	3,336,676
	(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
		Country			Quantity
					Value
		ARGENTINA			
		(Continued)			
<i>Category VII (continued)</i>		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	10	\$	32,849
		Category Total	16	\$	219,249
<i>Category VIII</i>		Aircraft and Associated Equipment			

		Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	1	\$	2,000,000
	* (a)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	4	\$	4,695
	* (c)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	3	\$	32,700
	* (e)	Components, parts and associated equipment	3,172	\$	16,168,228
	(h)	Technical data	26	\$	130,603
	(i)	Category Total	3,206	\$	18,336,226
<i>Category XI</i>		Military Electronics			
	* (a)(3)(v)	Imaging radar systems Electronic systems or subsystems for use in surveillance and	200	\$	10,350
	* (b)	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>Country</i>		Quantity	Value
ARGENTINA (Continued)			
<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		
	* (d) except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	8	\$ 2,179,504
	(e) Components, parts and associated equipment	1	\$ 6,361
	(f) Technical data	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		
	* (f)	36,637	\$ 1,316,141
	Category Total	36,637	\$ 1,316,141
<i>Category XV</i>	Spacecraft Systems and Associated Equipment		
	(d) Radiation-hardened microelectronics Components, parts, and associated equipment specifically designed or modified for the systems	229	\$ 447,930
	(e) or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	32,033	\$ 6,287,965
	(f) Technical data	6	\$ 1,610

Category Total	32,268	\$	6,737,505
Country Total Authorized	26,803,034	\$	36,003,066
<i>Country Total Shipped</i>		\$	7,416,244

<i>Country</i>		Quantity		Value
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	473,000	\$	85,140

	articles			
(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
	Country Total Shipped		\$	103,268

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
Country		Quantity		Value

**AUSTRALIA
(Continued)**

<i>Category I (continued)</i>	Firearms, Close Assault Weapons and Combat Shotguns			
* (g)	Barrels, cylinders, receivers and complete breech mechanisms	5,254	\$	1,799,741
(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

Country

Quantity

Value

**AUSTRALIA
(Continued)**

<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 Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems			
	* (c)	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 Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment			
	* (a)	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		\$	18,144,088

<i>Country</i>		2,609		
		Quantity		Value
AUSTRALIA				
<i>(Continued)</i>				
<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) 5	\$	520,661,260
	Military aircraft engines	* (b) 1	\$	20,000,000
	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	* (c) 1,505	\$	335,826
	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	* (e) 417	\$	2,250,050
	Components, parts and associated equipment	(h) 704,838	\$	219,125,823
	Technical data	(i) 4,010	\$	2,429,937
	Category Total	710,776	\$	764,802,896
<i>Category IX</i>	Military Training Equipment and Training			
	Training equipment	(a) 247	\$	1,560,369
	Simulation devices for the items covered by this subchapter	(b) 137	\$	1,217,479
	Tooling and equipment	(c) 12	\$	6,336
	Components, parts and associated equipment	(d) 4,317	\$	5,262,412
	Technical data	(e) 157	\$	333,769
	Category Total	4,870	\$	8,380,365
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	Protective personnel equipment	(a) 89	\$	136,868

	Electronic systems or subsystems for use in surveillance and			
	* (b) 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
	* (a)			
	* (b) Lasers	616	\$	582,467

<i>Country</i>		Quantity		Value
AUSTRALIA				
<i>(Continued)</i>				
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
<i>(continued)</i>	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
	* (c)			

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
	* (d) 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 Auxiliary Military Equipment	31,120	\$	45,951,231
<i>Category XIII</i>	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components			
	(b) Armor and reactive armor and components,	15,290	\$	5,815,397
	(e) parts and accessories not elsewhere controlled by this subchapter	83	\$	230,758
	(f) Structural materials	14	\$	46,675
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	6,184	\$	1,311,902
	(l) Technical data	18	\$	175,074
	Category Total Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment	21,589	\$	7,579,806
<i>Category XIV</i>	(d) Tear gases and riot control agents	3,889	\$	80,583

Country

Quantity

Value

AUSTRALIA
(Continued)

<i>Category XIV</i> <i>(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	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)	9,224	\$	154,482
	Modeling or simulation tools specifically designed or modified for chemical or biological weapons design, development or employment	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 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	54	\$	59,341

equipment

(d)	Radiation-hardened microelectronics	1	\$	20,000
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<i>Country</i>		Quantity		Value
AUSTRALIA				
(Continued)				
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
<i>(continued)</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.	456	\$	14,714,263
	(e)			
	(f) Technical data	1,025	\$	889,500
	Category Total	1,791	\$	179,339,974
<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	2	\$	1,372,084
	(a)			
	(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
	Country Total Shipped		\$	240,004,980

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
	Country	Quantity		Value
	AUSTRIA			
	(Continued)			
<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		\$	18,759

		222		
<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			
	Aircraft, including but not limited to * (a) 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
	Country			Quantity
				Value
	AUSTRIA (Continued)			
<i>Category X</i> <i>(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			
	* (b) electronic systems or equipment designed to counteract electronic surveillance	3	\$	4,520
	(c) Components, parts and associated equipment	1,691	\$	585,437
	(d) Technical data	5	\$	1,221
	Category Total	1,699	\$	591,178
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (b) Lasers	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	516	\$	272,022
	* (c) Components, parts and associated equipment	155	\$	153,067
	(f) Technical data	95	\$	45,201
	Category Total	772	\$	478,387
<i>Category XIII</i>	Auxiliary Military Equipment			
	(l) Technical data	1	\$	1
	Category Total	1	\$	1
<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	60	\$	18,203
	Category Total	60	\$	18,203

<i>Country</i>		Quantity		Value
AUSTRIA				
(Continued)				
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	Global positioning			
	(c) System (GPS) receiving equipment	1	\$	55,000
	Components, parts, and associated equipment specifically designed or modified for the systems			
	(e) 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		\$	1,196,946
AZERBAIJAN				
<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	160	\$	572,000
	Category Total		\$	572,000

		160		
<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 Ammunition/ordnance for Categories I & II articles	262,600	\$	27,058
	* (a)			
	Category Total	262,600	\$	27,058
<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	1	\$	188,095
	* (b)			
	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 Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	50	\$	7,750
	* (f)			
	Category Total	50	\$	7,750
	Country Total			
	Authorized	263,222	\$	380,178
	Country Total Shipped		\$	47,958

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

Country

Quantity

Value

**BAHRAIN
(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	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 subchapter	1	\$	27,500
	(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 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			

	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)	22	\$	148,931
Country			Quantity		Value
BAHRAIN (Continued)					
<i>Category XII</i> <i>(continued)</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment				
	(e) Components, parts and associated equipment		363	\$	5,208,381
	(f) Technical data		1	\$	10
	Category Total		386	\$	5,357,322
<i>Category XIII</i>	Auxiliary Military Equipment				
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	(b)	10	\$	7,688
	Category Total		10	\$	7,688
	Country Total Authorized		111,586	\$	88,798,859
	Country Total Shipped			\$	50,621,734
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			
	Ammunition/ordnance			
	* (a) 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

Country

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 Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	* <i>(f)</i>	20	\$	60,000
	Category Total		20	\$	60,000
	Country Total Authorized		118,491	\$	2,500,445
	Country Total Shipped			\$	1,159,298

BARBADOS

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns				
	* <i>(a)</i> Nonautomatic and semi- automatic firearms		32	\$	20,633
	Category Total		32	\$	20,633
<i>Category III</i>	Ammunition/Ordnance Ammunition/ordnance for Categories I & II articles	* <i>(a)</i>	1,219,720	\$	203,218
	Category Total		1,219,720	\$	203,218

Country	Quantity	Value
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**BARBADOS
(Continued)**

<i>Category XI</i>	Military Electronics				
	* <i>(d)</i> Technical data		1	\$	100
	Category Total		1	\$	100
	Country Total Authorized		1,219,753	\$	223,951
	Country Total Shipped			\$	210,420

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			
	* (a) Ammunition/ordnance for Categories I & II articles	31,832,594	\$	5,775,406
	* (d)(1) Guidance and control components	900	\$	424
	(d)(3) All other components, parts and associated equipment	45,700,910	\$	2,041,172
	(e) Technical data	18	\$	960
	Category Total	77,534,422	\$	7,817,962
<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h) Components, parts and associated equipment	200,005	\$	205,030
	(i) Technical data	20	\$	2,000
	Category Total	200,025	\$	207,030

<i>Country</i>		Quantity		Value
BELGIUM <i>(Continued)</i>				
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (b) Propellants	11,263	\$	122,681
	(c) Pyrotechnics, fuels and related substances	4,414	\$	16,576
	(h) Technical data	1	\$	100
	Category Total	15,678	\$	139,357
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	1	\$	23,660
	Category Total	1	\$	23,660
<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	192,055	\$	11,590,948
	(h) Technical data	60	\$	2,580
	Category Total	192,115	\$	11,593,528
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (c) 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 Electronic combat equipment			
	* (a)(4)		7,500	\$	589,230

Country

Quantity

Value

**BELGIUM
(Continued)**

*Category XI
(continued)*

	* (a)(5)	Military Electronics Command, control and communications systems to include radios (transceivers), navigation and identification equipment	5	\$	355,894
	(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
BELGIUM				
<i>(Continued)</i>				
<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			
* (d)	except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	3	\$	82,945
(e)	Components, parts and associated equipment	3,068	\$	426,304
(f)	Technical data	4	\$	350
	Category Total		\$	547,699

		3,080		
<i>Category XIII</i>	Auxiliary Military Equipment			
	Military Information Security Assurances			
	(b) Systems and equipment, cryptographic devices, software and components	6	\$	10,632
	(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
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment specifically designed or			
	* (f) modified for military operations and compatibility with military equipment	10,000	\$	24,800
	(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

Country

Quantity

Value

**BELGIUM
(Continued)**

<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(d) Radiation-hardened microelectronics	100	\$	17,300

	Components, parts, and associated equipment specifically designed or modified for the systems			
(e)	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		\$	24,201,632

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		\$	6,511

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>Country</i>		Quantity		Value
BERMUDA <i>(Continued)</i>				
<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 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)	1	\$	1,000,000
	Category Total	1	\$	1,000,000
	Country Total Authorized	2,949	\$	1,072,895
	Country Total Shipped		\$	31,269

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

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
	Category Total	401	\$	170,880

<i>Category XII</i>	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		\$	57,751

**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
	Country Total Shipped		\$	10,595

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 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 Command, control and communications systems to include radios (transceivers), navigation and identification equipment			
	*(a)(5)	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			
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
	*(d) 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			

	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
Country		Quantity		Value
BOTSWANA				
<i>(Continued)</i>				
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	Global positioning System (GPS) receiving equipment	12	\$	10,644
	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
	Technical data	12	\$	2,028
	Category Total	36	\$	13,092
	Country Total Authorized	43,265	\$	787,307
	Country Total Shipped		\$	370,985
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		\$	400

		1		
<i>Category II</i>	Category Total	105,312	\$	1,144,088
	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
<i>Category III</i>	Category Total	70	\$	3,624,527
	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
	Country			Quantity
				Value
	BRAZIL			
	(Continued)			
<i>Category III (continued)</i>	Ammunition/Ordnance			
	(d)(3) All other components, parts and associated equipment	3,404,033	\$	249,002
	(e) Technical data	42	\$	58,350
<i>Category IV</i>	Category Total	12,145,048	\$	3,973,904
	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		\$	281,993

		1,122		
<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
	(f) Additives	347	\$	1,400
	(h) Technical data	1	\$	100
	Category Total	1,278	\$	39,717
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	271	\$	1,043,633
	(g) Technical data	5	\$	1,000,040
	Category Total	276	\$	2,043,673
<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	31,664	\$	1,227,553
	(h) Technical data	3,768	\$	679,602
	Category Total	35,432	\$	1,907,155

Country

Quantity

Value

**BRAZIL
(Continued)**

<i>Category VIII</i>	Aircraft and Associated Equipment Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment			
	* (c)	92	\$	168,130

	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	116	\$	3,260,781
	(h) Components, parts and associated equipment	16,942	\$	63,563,127
	(i) Technical data	542	\$	967,852
	Category Total	17,692	\$	67,959,890
<i>Category IX</i>	Military Training Equipment and Training Simulation devices for the items covered by this subchapter	26	\$	211,715
	(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
Country			Quantity		Value
BRAZIL					
(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	24	\$	105,628
	* (b)	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			
	* (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	\$	143,000
	* (b)	Lasers	3	\$	2,580

	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
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
	* (d) 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
Country		Quantity		Value
BRAZIL				
(Continued)				
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
<i>(Continued)</i>	(f) Technical data	179	\$	23,678
	Category Total	1,962	\$	12,527,160
<i>Category XIII</i>	Auxiliary Military Equipment			
	Military Information Security Assurances			
	(b) Systems and equipment, cryptographic devices, software and components	3	\$	11,550
	(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

	Category Total	7	\$	2,919
	Country Total			
	Authorized	12,322,241	\$	122,957,263
	<i>Country Total Shipped</i>		\$	14,615,786
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			
	* (a) Ammunition/ordnance for Categories I & II articles	300	\$	201
	(d)(3) All other components, parts and associated equipment	300,000	\$	30,000
	Category Total	300,300	\$	30,201
<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	70	\$	4,350
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	2	\$	100,999
Country		Quantity		Value

BRUNEI
(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	2,170	\$	49,422
	(i) Technical data	2	\$	2
	Category Total	2,244	\$	154,773
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a) Explosives	5	\$	1,125
	Category Total	5	\$	1,125
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(g) Technical data	4	\$	100
	Category Total	4	\$	100
<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 Command, control and communications systems to include radios (transceivers), navigation and identification equipment			
	* (a)(5) Electronic systems or subsystems for use in surveillance and	22	\$	446,864
	* (b) 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

<i>Country</i>		Quantity		Value
BRUNEI <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 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 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			
	* (a)	1	\$	6,200
	* (c)	1	\$	984,859
	* (d)	12	\$	20,827
	(e)	92	\$	157,000
	(f)		\$	50

		1		
<i>Category XIV</i>	Category Total Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment Components, parts, and associated equipment specifically designed or *(f) modified for military operations and compatibility with military equipment	107	\$	1,168,936
		600	\$	110,994
	Category Total	600	\$	110,994
	Country Total Authorized	311,441	\$	22,506,879
	Country Total Shipped		\$	3,312,890

<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
	*(g) Barrels, cylinders, receivers and complete breech mechanisms	15	\$	3,325
	(h) Components, parts and associated equipment	581	\$	9,177
<i>Category II</i>	Category Total Guns and Armament	2,925	\$	1,052,054
	(k) Technical data	1	\$	1,000
<i>Category III</i>	Category Total Ammunition/Ordnance Ammunition/ordnance *(a) for Categories I & II articles	1	\$	1,000
		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

Country

Quantity

Value

**BULGARIA
(Continued)**

<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
	* (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	3	\$	8,795
	(e)	Components, parts and associated equipment	50	\$	79,003
		Category Total	78	\$	1,582,859
<i>Category XIII</i>		Auxiliary Military Equipment			
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	1	\$	7,005

<i>Country</i>		Quantity	\$	Value
	Category Total	1	\$	7,005
BULGARIA <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	2,610	\$	425,573
	* (f)			
	(m) Technical data	4	\$	101,946
	Category Total	2,614	\$	527,519
<i>Category XVI</i>	Nuclear Weapons, Design and Testing Related Items Nuclear radiation detection and measurement devices	12	\$	31,980
	* (c)			
	Category Total	12	\$	31,980
	Country Total Authorized	633,705	\$	8,742,689
	Country Total Shipped		\$	4,537,199

BURKINA FASO

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

Category Total	30	\$	578
Country Total Authorized	32	\$	3,098
<i>Country Total Shipped</i>		\$	-

CAMBODIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi-automatic firearms	689	\$	283,309
Country		Quantity		Value

**CAMBODIA
(Continued)**

<i>Category I (continued)</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	(h) Components, parts and associated equipment	390	\$	20,180
<i>Category III</i>	Category Total	1,079	\$	303,489
	*(a) Ammunition/Ordnance Ammunition/ordnance for Categories I & II articles	17,000	\$	7,650
	Category Total	17,000	\$	7,650
	Country Total Authorized	18,079	\$	311,139
	<i>Country Total Shipped</i>		\$	<i>271,645</i>

CAMEROON

<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	\$	9,678
	(h) Components, parts and associated equipment	9	\$	2,128,675
<i>Category XI</i>	Category Total	10	\$	2,138,353
	Military Electronics			

(c)	Components, parts and associated equipment	1	\$	530
(d)	Technical data	100	\$	5,000
	Category Total	101	\$	5,530
	Country Total Authorized	111	\$	2,143,883
	Country Total Shipped		\$	7,890

CANADA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
* (a)	Nonautomatic and semi-automatic firearms	247,895	\$	103,505,879
* (c)	Firearms and other weapons	1,800	\$	2,696,615
* (d)	Combat shotguns	27,012	\$	188,276
* (e)	Silencers, mufflers and sound and flash suppressors	1,454	\$	613,305
Country		Quantity		Value

**CANADA
(Continued)**

<i>Category I (continued)</i>	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			
	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

<i>Country</i>		Quantity	Value
CANADA <i>(Continued)</i>			
<i>Category VIII</i>	Aircraft and Associated Equipment		
	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	2	\$ 288,651
	* (a)		
	Military aircraft engines	2	\$ 35,600
	* (b)		
	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	2	\$ 50,629
	* (c)		
	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	52	\$ 726,727
	* (e)		
	Components, parts and associated equipment	959,600	\$ 104,371,072
	(h)		
	Technical data	6,111	\$ 4,115,420
	(i)		
	Category Total	965,769	\$ 109,588,099
<i>Category IX</i>	Military Training Equipment and Training		
	(a) Training equipment	7	\$ 5,168,635
	(b) Simulation devices for the items covered by this subchapter	5	\$ 45,000
	(c) Tooling and equipment	1	\$ 95,000
	(d) Components, parts and associated equipment	74,848	\$ 45,566,313
	(e) Technical data	7	\$ 1,701
	Category Total	74,868	\$ 50,876,649
<i>Category X</i>	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	2	\$ 2,686

	Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	1	\$	900,000
	(c) Tooling and equipment	50	\$	12,521
	(e) Technical data	3	\$	90,500
	Category Total	56	\$	1,005,707
<i>Category XI</i>	Military Electronics			
	* (a)(1) Underwater sound equipment	4	\$	13,600,000
	* (a)(3)(i) Search radar systems	3	\$	62,400
	* (a)(3)(iii) Tracking radar systems	37	\$	2,288,736

Country

Quantity

Value

**CANADA
(Continued)**

*Category XI
(continued)*

	Military Electronics			
	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	15	\$	244,828
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	50	\$	4,750
	(a)(7) Any experimental or developmental electronic equipment specifically designed or modified for military application	1	\$	75,000
	* (b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	15	\$	75,759
	(c) Components, parts and associated equipment	29,871	\$	31,865,365
	(d) Technical data		\$	8,908,222

		770		
<i>Category XII</i>	Category Total	30,766	\$	57,125,060
	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	613	\$	20,401,534
	* (a)			
	Lasers	885	\$	15,192,860
	* (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	42,962	\$	22,599,353
	* (c)			

Country

Quantity

Value

**CANADA
(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			
	* (d) except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	2,264	\$	19,667,393
	(e) Components, parts and associated equipment	75,653	\$	24,149,046
	(f) Technical data	293	\$	1,254,399

<i>Category XIII</i>	Category Total Auxiliary Military Equipment	122,670	\$	103,264,585
	Military Information Security Assurances			
	(b) Systems and equipment, cryptographic devices, software and components Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are	774	\$	403,622
	(d) reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes Armor and reactive armor and components,	1	\$	100,000
	(e) parts and accessories not elsewhere controlled by this subchapter	479	\$	2,977,269
	(g) Concealment and deception equipment Energy conversion devices for producing electrical energy from	33	\$	203,899
	(h) nuclear, thermal or solar energy or from chemical reaction	255	\$	5,942,983
	(l) Technical data	58	\$	1,150,141
	Category Total Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment	1,600	\$	10,777,914
<i>Category XIV</i>	(d) Tear gases and riot control agents	95,773	\$	3,592,408

Country

Quantity

Value

**CANADA
(Continued)**

<i>Category XIV (continued)</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
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	Components, parts, and associated equipment 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 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		\$	150,922,670
Country		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			
	(b) 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			\$	1,714

Country	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			\$	2,976

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			
	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft			
	* (a)	13	\$	148,459,773
	* (b) Military aircraft engines Cartridge-actuated devices utilized in	30	\$	2,403,188
	* (c) 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 (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
<i>Category XI</i>	Category Total		604	\$ 1,344,142
	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

	(c)	Components, parts and associated equipment	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>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
<i>(continued)</i>		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
	*(c)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
	*(d)	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			

	Military Information Security Assurances			
	(b) Systems and equipment, cryptographic devices, software and components	4	\$	829
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	4	\$	2,000
	(h)			
	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
	Components, parts, and associated equipment specifically designed or			
	* (f) 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 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
	(e)			
	(f) Technical data	1	\$	1
	Category Total	4	\$	1,443,200
<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	1	\$	250
(a)				
	Category Total	1	\$	250
	Country Total Authorized	1,456,110	\$	202,871,129
	Country Total Shipped		\$	80,286,527

COLOMBIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	88	\$	75,662
	* (b) Fully automatic firearms	7	\$	4,099
	* (e) Silencers, mufflers and sound and flash suppressors	3	\$	727
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	59	\$	59,229
	(h) Components, parts and associated equipment	21,891	\$	1,566,633
	Category Total	22,048	\$	1,706,350
<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	2,666,916	\$	1,996,765
	(b) Ammunition/ordnance handling equipment	7	\$	111,917

Country	Quantity	Value
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**COLOMBIA
(Continued)**

<i>Category III (continued)</i>	Ammunition/Ordnance			
	* (d)(2) Safing, arming and fuzing components	8,000	\$	41,040

	(e)	Technical data	1	\$	201,375
		Category Total	2,674,924	\$	2,351,097
<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	301	\$	11,100
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	19	\$	445,100
	(h)	Components, parts and associated equipment	2,953	\$	138,270
	(i)	Technical data	70	\$	4,000
		Category Total	3,343	\$	598,470
<i>Category V</i>		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a)	Explosives	500	\$	7,500
	(c)	Pyrotechnics, fuels and related substances	272	\$	445,025
	(d)	Oxidizers	200	\$	6,819
	* (e)	Binders	166,000	\$	562,740
		Category Total	166,972	\$	1,022,084
<i>Category VII</i>		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	116	\$	186,111
	(h)	Technical data	106	\$	1,429,000
		Category Total	222	\$	1,615,111
<i>Category VIII</i>		Aircraft and Associated Equipment			

<i>Country</i>		Quantity	\$	Value
	* (a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	1	\$	1,800,000
COLOMBIA <i>(Continued)</i>				
<i>Category VIII</i> <i>(continued)</i>	Aircraft and Associated Equipment			
	* (b) Military aircraft engines	3	\$	1,093,732
	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	48	\$	2,875,226
	* (e) 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			
	(b)	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 Command, control and communications systems to include radios (transceivers), navigation and identification equipment			
	* (a)(5)	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 instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	15	\$	44,758
	* (a)			
	* (b)	89	\$	335,588
	Lasers 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	1,193	\$	19,272,780
	* (c)			

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
	* (d) except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	8	\$	28,848
	(e) Components, parts and associated equipment	3,638	\$	2,294,407
	(f) Technical data	3	\$	250
	Category Total Auxiliary Military Equipment	4,946	\$	21,976,631
<i>Category XIII</i>				
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components			
	(b) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are	4	\$	21,530
	(d) reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	186	\$	364,348

<i>Country</i>		Quantity		Value
COLOMBIA				
<i>(Continued)</i>				
<i>Category XIII</i>	Auxiliary Military Equipment			
<i>(continued)</i>	Armor and reactive armor and components,			
	(e) 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
	Components, parts, and associated equipment specifically designed or			
	* (f) 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 Global positioning			
	(c) System (GPS) receiving equipment	14	\$	327,566
	(f) Technical data	10	\$	100,000
	Category Total	24	\$	427,566
	Country Total Authorized	2,949,829	\$	126,663,999
	Country Total Shipped		\$	30,427,465

COMOROS

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

Country

Quantity

Value

CONGO

<i>Category V</i>	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

<i>Category I</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
	Category Total	7,316	\$	2,506,348
<i>Category III</i>	Ammunition/Ordnance Ammunition/ordnance for Categories I & II articles	5,404,450	\$	973,523
	Category Total	5,404,450	\$	973,523
<i>Category VII</i>	Tanks and Military Vehicles			
	(h) Technical data	20	\$	10,000
	Category Total	20	\$	10,000
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	1	\$	100,000
	Category Total	1	\$	100,000
<i>Category XI</i>	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

<i>Country</i>		Quantity		Value
<i>COSTA RICA</i> <i>(Continued)</i>				
<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)	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			
	*(f)	2,200	\$	39,500
	Category Total	2,200	\$	39,500
	Country Total Authorized	5,415,790	\$	7,842,471
	Country Total Shipped		\$	1,395,800

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
	Category Total	1	\$	58,661,916
	Country		Quantity	Value
	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
<i>Category XI</i>		Category Total	120	\$	102,077
		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 equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices			
	* (c)		1	\$	16,000
	(f)	Technical data	4	\$	100
		Category Total	12	\$	20,789

<i>Country</i>		Quantity	Value
<i>CROATIA</i> <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	* (f)	500	\$	7,750
	Category Total		500	\$	7,750
<i>Category XVI</i>	Nuclear Weapons, Design and Testing Related Items				
	Nuclear radiation detection and measurement devices	* (c)	21	\$	49,215
	Category Total		21	\$	49,215
	Country Total Authorized		162,153	\$	59,435,059
	Country Total Shipped			\$	272,928

CYPRUS

<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)	12	\$	434
	Category Total		12	\$	434
	Country Total Authorized		12	\$	434
	Country Total Shipped			\$	-

**CZECH
REPUBLIC**

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

<i>Country</i>		Quantity		Value
CZECH REPUBLIC (Continued)				
<i>Category I (continued)</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	(h) Components, parts and associated equipment	4,495	\$	276,585
	Category Total	28,532	\$	3,078,457
<i>Category II</i>	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
<i>Category III</i>	Ammunition/Ordnance 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
	Category Total Tanks and Military Vehicles	4,779,262	\$	1,571,277
<i>Category VII</i>				
	(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 Aircraft, including but not limited to helicopters, non- expansive balloons, drones and lighter-than- air aircraft	3	\$	794,617

	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 (continued)</i>	Protective Personnel Equipment and Shelters			
	(d) Components, parts and associated equipment	186	\$	25,250
	(e) Technical data	2	\$	25,800
	Category Total	311	\$	287,569
<i>Category XI</i>	Military Electronics Command, control and communications systems to include radios (transceivers), navigation and identification equipment	26	\$	859,300
	(a)(5) 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			
	* (b) electronic systems or equipment designed to counteract electronic surveillance	77	\$	817,986
	(c) Components, parts and associated equipment	350	\$	917,572
	(d) 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
	* (a)			
	(b) 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
	* (c)			
	Country		Quantity	Value
	CZECH REPUBLIC			
	<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			
	*(d) except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1	\$	16,000
	(e) Components, parts and associated equipment	273	\$	179,504
	(f) Technical data	18	\$	18
	Category Total	1,261	\$	999,178
<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	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
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment specifically designed or			
	*(f) modified for military operations and compatibility with military equipment	102	\$	31,499
	(m) Technical data	2	\$	2
	Category Total	104	\$	31,501
	Country Total Authorized	4,824,688	\$	37,416,481
	Country Total Shipped		\$	4,848,125

<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			

	Devices and materials for the handling, control, activation, monitoring,			
(c)	detection, protection, discharge or detonation of the articles in (a) and (b)	6	\$	36,000
(h)	Components, parts and associated equipment	2,508	\$	670,399
(i)	Technical data	121	\$	6,520
	Category Total	2,635	\$	712,919

<i>Country</i>		Quantity		Value
DENMARK <i>(Continued)</i>				
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (b) Propellants	15	\$	225
	(h) Technical data	1	\$	200
	Category Total	16	\$	425
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	1,105	\$	98,855
	Category Total	1,105	\$	98,855
<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	3,631	\$	6,120,843
	(h) Technical data	3	\$	10,200
	Category Total	3,634	\$	6,131,043
<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	\$	6,000,000

	(h)	Components, parts and associated equipment	1,031,425	\$	34,967,601
	(i)	Technical data	384	\$	37,300
		Category Total	1,031,810	\$	41,004,901
<i>Category IX</i>		Military Training Equipment and Training			
	(c)	Tooling and equipment	1	\$	6,300
	(d)	Components, parts and associated equipment	211	\$	312,519
		Category Total	212	\$	318,819
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	8,099	\$	2,883,466
	(d)	Components, parts and associated equipment	230	\$	26,985
		Category Total	8,329	\$	2,910,451
<i>Category XI</i>		Military Electronics Command, control and communications systems to include radios (transceivers), navigation and identification equipment			
	*(a)(5)		35	\$	2,541,878

Country

Quantity

Value

**DENMARK
(Continued)**

*Category XI
(continued)*

	(a)(6)	Military Electronics Computers specifically designed for military applications and any computer specifically modified for use with any defense article	216	\$	2,050,560
	(a)(7)	Any experimental or developmental electronic equipment specifically designed or modified for military application	2	\$	156,764

	Electronic systems or subsystems for use in surveillance and			
	* (b) 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	8	\$	31,232
	* (a)			
	* (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	1,864	\$	11,677,156
	* (c)			

<i>Country</i>		Quantity		Value
DENMARK				
<i>(Continued)</i>				
<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			
	* (d) except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	104	\$	2,527,395
	(e) Components, parts and associated equipment	8,575	\$	3,424,526
	(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	1,980	\$	15,840
	(h) Hardware and equipment that is associated with the measurement or modification of system signatures for detection of defense articles	10,000	\$	1,000,000
	* (j) 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	290	\$	232,370
	* (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)	12,000	\$	247,200
	(h) 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
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Country			Quantity		Value
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DENMARK
(Continued)

<i>Category XV</i> <i>(continued)</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)	46	\$	14,509
	Technical data	(f)	2	\$	600
	Category Total		50	\$	19,825

<i>Category XVI</i>	Nuclear Weapons, Design and Testing Related Items Nuclear radiation detection and measurement devices	*(c)	30	\$	79,540
	Components, parts and associated equipment	(d)	6	\$	1,602
	Category Total		36	\$	81,142
	Country Total Authorized		11,780,330	\$	98,395,518
	Country Total Shipped			\$	26,658,664

DJIBOUTI

<i>Category VI</i>	Vessels of War and Special Naval Equipment	(g)	1	\$	500
	Category Total		1	\$	500

<i>Category VII</i>	Tanks and Military Vehicles	(g)	44,134	\$	15,242,787
	Components, parts and associated equipment	(h)	2	\$	6,018,395

<i>Category XI</i>	Category Total	44,136	\$	21,261,182
	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		\$	45,057

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

DOMINICAN REPUBLIC				
<i>Category I</i>	(b) Firearms, Close Assault Weapons and Combat Shotguns	200	\$	243,596
	(h) Components, parts and associated equipment	800	\$	17,200
	Category Total	1,000	\$	260,796
<i>Category III</i>	(a) Ammunition/Ordnance 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			

	Patrol craft without armor, armament or mounting surfaces for			
	(b) 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			
	Cartridge-actuated devices utilized in			
	*(c) 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

Country

Quantity

Value

**DOMINICAN
REPUBLIC
(Continued)**

<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)	8	\$	94,032
	(c) Components, parts and associated equipment	30	\$	93,702
	(d) Technical data	4	\$	3,500
	Category Total	42	\$	191,234
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			

<i>Category XIV</i>	(e) Components, parts and associated equipment	32	\$	75,129
	Category Total	32	\$	75,129
	Category Total Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	17,000	\$	261,250
	Components, parts, and associated equipment specifically designed or			
	*(f) 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		\$	1,188,833

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
	Country	Quantity		Value

**ECUADOR
(Continued)**

<i>Category II</i>	Guns and Armament			
	(k) Technical data	1,100	\$	200

<i>Category III</i>	Category Total	1,100	\$	200
	* (a) Ammunition/Ordnance Ammunition/ordnance for Categories I & II articles	1,270,800	\$	424,300
	(e) Technical data	20,000	\$	200
<i>Category IV</i>	Category Total Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines	1,290,800	\$	424,500
	(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 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 Tanks and Military Vehicles	322	\$	709,325
<i>Category VII</i>	(h) Technical data	1	\$	77,300
	Category Total Aircraft and Associated Equipment	1	\$	77,300
<i>Category VIII</i>	* (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
Country			Quantity		Value
ECUADOR					
(Continued)					
<i>Category IX</i>		Military Training Equipment and Training Simulation devices for the items covered by this subchapter			
	(b)		6	\$	83,335
	(d)	Components, parts and associated equipment	15	\$	136,764
	(e)	Technical data	2	\$	58,667
		Category Total	23	\$	278,766
<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			

	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
(c)				
(e)	Components, parts and associated equipment	265	\$	673,182
(f)	Technical data	4	\$	3,690
	Category Total	456	\$	1,603,042

<i>Country</i>		Quantity		Value
ECUADOR				
<i>(Continued)</i>				
<i>Category XIII</i>	Auxiliary Military Equipment Cameras and specialized processing equipment. Photointerpretation,			
	(a) stereoscopic plotting and photogrammetry equipment and components	6	\$	2,200
	(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	17	\$	12,444
	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

	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 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		\$	8,754,073

EGYPT

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	31	\$	403,136
Country		Quantity		Value

**EGYPT
(Continued)**

<i>Category I (continued)</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (c) Firearms and other weapons	2	\$	100
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	2	\$	290
	(h) Components, parts and associated equipment	6	\$	796
	(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	12	\$	1,525,981
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	1,110	\$	179,993
	(g) Technical data	16	\$	320
	Category Total	1,126	\$	180,313
<i>Category VII</i>	Tanks and Military Vehicles			
	* (d) Military recovery vehicles	2	\$	375,468
	(g) Components, parts and associated equipment	23,569	\$	13,478,571
	(h) Technical data	11	\$	1,020,000
	Category Total	23,582	\$	14,874,039

Country

Quantity

Value

EGYPT
(Continued)

<i>Category VIII</i>	Aircraft and Associated Equipment			
	Aircraft, including but not limited to			
	* (a) helicopters, non-expansive balloons, drones and lighter-than-air aircraft	10	\$	19,466,300
	(d) Launching and recovery equipment for the articles in (a)	2	\$	6,200,000
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	5	\$	880,948
	(h) Components, parts and associated equipment	2,854	\$	15,863,253
	(i) Technical data	17	\$	62,008
	Category Total	2,888	\$	42,472,509
<i>Category IX</i>	Military Training Equipment and Training			
	(a) Training equipment	27	\$	18,630
	(d) Components, parts and associated equipment	31,754	\$	3,546,601
	(e) Technical data	8	\$	2,600
	Category Total	31,789	\$	3,567,831
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	304	\$	72,436
	Category Total	304	\$	72,436
<i>Category XI</i>	Military Electronics Command, control and communications systems to include radios (transceivers), navigation and identification equipment			
	* (a)(5) equipment	27	\$	1,106,890
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with	3	\$	118,972

any defense article

	Electronic systems or subsystems for use in surveillance and			
* (b)	electronic systems or equipment designed to counteract electronic surveillance	256	\$	15,077,251
(c)	Components, parts and associated equipment	10,950	\$	11,627,248

<i>Country</i>		Quantity		Value
EGYPT				
<i>(Continued)</i>				
<i>Category XI</i>				
<i>(continued)</i>				
	Military Electronics			
(d)	Technical data	504	\$	193,068
	Category Total	11,740	\$	28,123,429
<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	\$	168,000
* (a)				
* (b)	Lasers	49	\$	79,691
	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	\$	6,416,422
* (c)				

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

<i>Country</i>		Quantity		Value
<i>EGYPT</i>				
<i>(Continued)</i>				
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
<i>(continued)</i>	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>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(c) Global positioning System (GPS) receiving equipment	7	\$	6,317

	Components, parts, and associated equipment specifically designed or modified for the systems			
	(e) 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		\$	5,874,111

EL SALVADOR

<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

Country

Quantity

Value

**EL SALVADOR
(continued)**

<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

<i>Category VII</i>	Category Total Tanks and Military Vehicles	6,680,786	\$	1,086,702
	(h) Technical data	5	\$	87,500
<i>Category VIII</i>	Category Total Aircraft and Associated Equipment	5	\$	87,500
	(h) Components, parts and associated equipment	2	\$	1,300,000
	(i) Technical data	6	\$	112,500
<i>Category IX</i>	Category Total Military Training Equipment and Training	8	\$	1,412,500
	(d) Components, parts and associated equipment	1	\$	1
<i>Category XI</i>	Category Total Military Electronics	1	\$	1
	(c) Components, parts and associated equipment	10	\$	760
	(d) Technical data	400	\$	168,000
<i>Category XIV</i>	Category Total Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment	410	\$	168,760
	*(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		\$	965,289

**EQUATORIAL
GUINEA**

<i>Category VIII</i>	Aircraft and Associated Equipment			
	(i) Technical data	1	\$	1,000

<i>Country</i>		Quantity	\$	Value
	Category Total	1	\$	1,000
EQUATORIAL GUINEA (Continued)				
<i>Category XI</i>	Military Electronics			
	(c) Components, parts and associated equipment	2	\$	5,678
	Category Total	2	\$	5,678
<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	5	\$	1,299,116
	(e) Components, parts and associated equipment	1	\$	6,581
	Category Total	6	\$	1,305,697
	Country Total Authorized	9	\$	1,312,375
	Country Total Shipped		\$	-

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
<i>Category X</i>		Category Total	4	\$	8,000
		Protective Personnel Equipment and Shelters			
	(d)	Components, parts and associated equipment	285	\$	26,896
<i>Category XI</i>		Category Total	285	\$	26,896
		Military Electronics			
	*(a)(4)	Electronic combat equipment	1	\$	33,950

Country

Quantity

Value

**ESTONIA
(Continued)**

*Category XI
(continued)*

		Military Electronics			
		Electronic systems or subsystems for use in surveillance and			
	*(b)	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
<i>Category XII</i>		Category Total	656	\$	3,390,230
		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	7	\$	38,542
		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		\$	4,266,686

<i>Country</i>			Quantity		Value
ETHIOPIA					
<i>Category VIII</i>		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	8	\$	2,920
		Category Total	8	\$	2,920
<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			
	* (b)	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		\$	682,620

FALKLAND ISLANDS

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)			
(c)		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		\$	-

Country

Quantity

Value

FAROE ISLANDS

Category X

	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		\$	-

FINLAND

<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

<i>Country</i>		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			
	Inertial navigation systems, aided or hybrid inertial navigation * (e) 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

	Electronic systems or subsystems for use in surveillance and			
	* (b) 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
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (b) Lasers	300	\$	355,851
	Country		Quantity	Value

**FINLAND
(Continued)**

<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	19	\$	158,941
	* (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
	(e) Components, parts and associated equipment	586	\$	111,495
	(f) Technical data	26	\$	332,470
	Category Total	935	\$	962,537

Category XIII

	Auxiliary Military Equipment			
	Armor and reactive armor and components,			
(e)	parts and accessories not elsewhere controlled by this subchapter	1	\$	324
(g)	Concealment and deception equipment	73	\$	14,319
(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	2,070	\$	67,607
(l)	Technical data	5	\$	250
	Category Total	2,149	\$	82,500

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)		59	\$	6,120
	Category Total	59	\$	6,120

Country

Quantity

Value

**FINLAND
(Continued)**

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)		2	\$	300,000
	Category Total	2	\$	300,000

<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment			
	Submersible vessels, manned or unmanned, tethered or untethered, * ^(a) 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		\$	14,475,763

FRANCE

<i>Category I</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
<i>Category II</i>	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)

<i>Category III</i>	Ammunition/Ordnance			
	Ammunition/ordnance			
	* (a) 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			
	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	4	\$	400
	Category Total	1,045,274	\$	5,764,510

Country

Quantity

Value

**FRANCE
(Continued)**

Category VI

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

Category VII

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

Category VIII

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	163	\$	13,826,950

	in (a)			
	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
	Category Total	158,224	\$	132,762,329
<i>Category IX</i>	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
	Country		Quantity	Value
	FRANCE			
	(Continued)			
<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
	* (b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	2	\$	428,604
	(c)	Components, parts and associated equipment	55,050	\$	22,378,591
	(d)	Technical data	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			
	* (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	\$	5,500
	* (b)	Lasers	307	\$	1,316,420
		Country		Quantity	Value
		FRANCE			
		(Continued)			

*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	787	\$	6,276,433
* (c)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
* (d)	except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	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

Category XIII

	Auxiliary Military Equipment Cameras and specialized processing equipment. Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	12	\$	585,072
(a)	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
(d)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	167	\$	11,000,082
(e)	Structural materials	72	\$	1,028,046
(f)				

	(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
	* (f)	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 Global positioning			
	(c)	System (GPS) receiving equipment	137	\$	370,987
	(d)	Radiation-hardened microelectronics	918	\$	1,711,947
	(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	
			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)
	* (b)	44	\$ 450,630
	(d)	80	\$ 1,099,687
		124	\$ 1,550,317
<i>Category XX</i>			Submersible Vessels, Oceanographic and Associated Equipment
	* (b)	3	\$ 144,933
			Country
			Quantity
			Value
			FRANCE
			(Continued)
<i>Category XX (continued)</i>			Submersible Vessels, Oceanographic and Associated Equipment
	(c)	5	\$ 92,667
	(d)	4	\$ 400
		12	\$ 238,000
			Country Total
		41,763,727	\$ 365,330,821
			Country Total Shipped
			\$ 93,367,397
			FRENCH
			GUIANA
<i>Category IV</i>			Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines
	* (f)	1,500	\$ 281,230
			Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category

	(h)	Components, parts and associated equipment	5,590	\$	459,873
	(i)	Technical data	2	\$	200
		Category Total	7,092	\$	741,303
<i>Category V</i>		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
<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)		3,930	\$	652,308
	(f)	Technical data	4	\$	100
		Category Total	3,934	\$	652,408
		Country Total Authorized	12,721	\$	1,439,581
		Country Total Shipped		\$	132,267

<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
<i>Category XI</i>		Category Total	4	\$	2,452
		Military Electronics Command, control and communications systems to include radios (transceivers), navigation and identification equipment	1	\$	2,987
	*(a)(5)		1	\$	2,987
		Category Total	10	\$	9,868
		Country Total Authorized		\$	9,207
		<i>Country Total Shipped</i>		\$	<i>9,207</i>

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
<i>Category III</i>		Ammunition/Ordnance Ammunition/ordnance for Categories I & II articles	30,000	\$	14,400
	*(a)		30,000	\$	14,400
<i>Category IV</i>		Category Total 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	25	\$	16,225
	*(a)		25	\$	16,225
		Category Total	25	\$	16,225

Country

Quantity

Value

**GABON
(Continued)**

<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	1,002	\$	3,001,693
	Category Total	1,002	\$	3,001,693
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	100	\$	27,000
	Category Total	100	\$	27,000
<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	1	\$	12,184
	Category Total	1	\$	12,184
	Country Total Authorized	31,179	\$	3,099,906
	Country Total Shipped		\$	14,448

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	8,076,215	\$	7,099,300

articles

(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			
	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	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 *(c) generation and above military image intensification tubes and infrared, visible and ultraviolet devices	160	\$	1,941,280
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<i>Country</i>		<i>Quantity</i>		<i>Value</i>
GEORGIA <i>(Continued)</i>				
<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 *(d) 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		\$	1,234,776

GERMANY <i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns
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	* (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
<i>Category II</i>		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
<i>Category III</i>		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
	* (d)(2)	Safing, arming and fuzing components	11,000	\$	50,000
	(d)(3)	All other components, parts and associated equipment	109,765,951	\$	11,143,459
		Country			
					Quantity
					Value
		GERMANY			
		(Continued)			
<i>Category III</i>		Ammunition/Ordnance			
<i>(continued)</i>	(e)	Technical data	249	\$	379,534
		Category Total	244,463,322	\$	20,107,641

<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	2	\$	3,148
	* (a) Launch vehicles and missile and anti-missile systems	83	\$	6,304,610
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	593	\$	2,534,044
	* (d) Missile and space launch vehicle power plants	6	\$	725,688
	* (f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	8,479	\$	3,583,886
	(h) Components, parts and associated equipment	1,718,094	\$	48,178,184
	(i) Technical data	1,115	\$	65,717
	Category Total	1,728,372	\$	61,395,277
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a) Explosives	31,276	\$	665,915
	(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			

<i>Country</i>		Quantity	\$	Value
	(f) Components, parts and associated equipment	153	\$	81,538
GERMANY <i>(Continued)</i>				
<i>Category VI</i> <i>(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			
	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 Cartridge-actuated devices utilized in	3	\$	17,360,000
	* (c) 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
	* (e) 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 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

<i>Country</i>	<i>Quantity</i>	<i>Value</i>
GERMANY <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	7	\$	4,904,750
* (a)				
* (b)	Lasers	530	\$	54,950,702
	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	2,120	\$	7,461,538
* (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	843	\$	3,436,536
(e)	Components, parts and associated equipment	33,129	\$	11,693,134
(f)	Technical data	267	\$	48,066
	Category Total	36,896	\$	82,494,726
<i>Category XIII</i>	Auxiliary Military Equipment			
	Military Information Security Assurances			
(b)	Systems and equipment, cryptographic devices, software and components	3	\$	2,100,000
	Armor and reactive armor and components,			
(e)	parts and accessories not elsewhere controlled by this subchapter	152	\$	109,945
(g)	Concealment and deception equipment	8	\$	8,824

<i>Country</i>		Quantity	Value
GERMANY (Continued)			
<i>Category XIII</i> <i>(continued)</i>	Auxiliary Military Equipment Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	513	\$ 46,532
	(h)		
	Technical data	15	\$ 53,601
	(l)		
	Category Total	691	\$ 2,318,902
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	Chemical agent binary precursors and key precursors	20	\$ 10,000
	* (c)		
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	96,564	\$ 3,821,627
	* (f)		
	Technical data	30	\$ 3,226
	(m)		
	Category Total	96,614	\$ 3,834,853
<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	130	\$ 9,100,000
	(b)		
	Global positioning System (GPS) receiving equipment	778	\$ 3,728,832
	(c)		
	Radiation-hardened microelectronics	267	\$ 645,650
	(d)		

	Components, parts, and associated equipment specifically designed or modified for the systems			
	(e) 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	4,195	\$	25,240,199
<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		\$	156,513,077

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 Command, control and communications systems to include radios (transceivers), navigation and identification equipment			
	*(a)(5)	8	\$	52,000
	Category Total	8	\$	52,000
	Country Total Authorized	11	\$	53,410
	Country Total Shipped		\$	20,900

GREECE

<i>Category I</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)**

<i>Category II</i>	Guns and Armament			
	(k) Technical data	4	\$	3,100
	Category Total	4	\$	3,100
<i>Category III</i>	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		\$	251,256

		1,680,810		
<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	202	\$	3,300
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	731	\$	1,795,324
	(h) Components, parts and associated equipment	278,198	\$	801,529
	(i) Technical data	146	\$	20,590
	Category Total	279,277	\$	2,620,743
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (a) Explosives	200	\$	35,350
	Category Total	200	\$	35,350
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	1,279	\$	838,287
	Category Total	1,279	\$	838,287
<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	1,638	\$	58,476
	(h) Technical data	43	\$	4,064
	Category Total	1,681	\$	62,540

Country

Quantity

Value

GREECE
(Continued)

<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (b) Military aircraft engines	22	\$	8,422,200
	(h) Components, parts and associated equipment	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>Country</i>		Quantity		Value
GREECE <i>(Continued)</i>				
<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	3,335	\$	6,321,835
	* (c)			
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
	* (d)			
	except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	50	\$	555,436
	(e) Components, parts and associated equipment	163	\$	592,200
	(f) Technical data	2	\$	150
<i>Category XIII</i>	Category Total Auxiliary Military Equipment	3,550	\$	7,469,621

	Military Information Security Assurances			
	(b) Systems and equipment, cryptographic devices, software and components	12	\$	2,988
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	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
	(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	21,330	\$	1,165,376
	Category Total	24,831	\$	1,220,937

Country

Quantity

Value

**GREECE
(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	10	\$	700,000
	(f) Technical data	1	\$	55,000
	Category Total	11	\$	755,000
	Country Total Authorized	2,083,032	\$	91,123,530
	Country Total Shipped		\$	9,120,317

GREENLAND

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	690	\$	135,165
	(h) Components, parts and associated equipment	100	\$	956
	Category Total	790	\$	136,121
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	2,055,000	\$	258,950
	Category Total	2,055,000	\$	258,950
<i>Category VIII</i>	Aircraft and Associated Equipment			
	(i) Technical data	2	\$	100
	Category Total	2	\$	100
<i>Category XI</i>	Military Electronics			
	(c) Components, parts and associated equipment	1	\$	5,000
	(d) Technical data	2	\$	44,000
	Category Total	3	\$	49,000

Country

Quantity

Value

**GREENLAND
(Country)**

<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
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	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
* (d)	except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1	\$	12,176
	Category Total	1	\$	12,176
	Country Total Authorized	2,055,796	\$	456,347
	Country Total Shipped		\$	303,073

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		\$	8,975

GUATEMALA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
* (a)	Nonautomatic and semi-automatic firearms	5,434	\$	1,342,719
* (c)	Firearms and other weapons	50	\$	500,000
* (g)	Barrels, cylinders, receivers and complete breech mechanisms	20	\$	44,000

	(h)	Components, parts and associated equipment	1,252	\$	30,864
		Category Total	6,756	\$	1,917,583
Country			Quantity		Value
GUATEMALA					
(Continued)					
<i>Category III</i>		Ammunition/Ordnance			
	* (a)	Ammunition/ordnance for Categories I & II articles	11,640,000	\$	465,600
	(d)(3)	All other components, parts and associated equipment	4,340,000	\$	117,800
		Category Total	15,980,000	\$	583,400
<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	50	\$	500,000
	(h)	Components, parts and associated equipment	465,600	\$	7,460,000
		Category Total	465,650	\$	7,960,000
<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	\$	652,158
		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>Country</i>		Quantity		Value
GUATEMALA <i>(Continued)</i>				
<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
	(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
	<i>Country Total Shipped</i>		\$	2,285,272

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
	Country		Quantity	Value
	GUYANA			
	(Continued)			
<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	\$	147,439
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
	(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

Country

Quantity

Value

**HAITI
(Continued)**

<i>Category XIV (continued)</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
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	Medical countermeasures specifically designed or modified for use with the chemical agents listed in			
(h)	(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
	Country Total Shipped		\$	145,788

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
<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
	(h) 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
	(c) Components, parts and associated equipment	14	\$	67,158

	(d)	Technical data	3	\$	66,000
		Category Total	61	\$	1,772,707
Country			Quantity		Value
HONDURAS					
(Continued)					
<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	20	\$	19,900
	(d)		20	\$	19,900
<i>Category XIV</i>		Category Total 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 Global positioning System (GPS) receiving equipment	14	\$	327,566
	(c)		14	\$	327,566
		Category Total	14	\$	327,566
		Country Total Authorized	35,282	\$	4,157,600
		Country Total Shipped		\$	244,928
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
	* (a)	Ammunition/Ordnance Ammunition/ordnance for Categories I & II articles	7,069,100	\$	1,067,822
	* (d)(1)	Guidance and control components	3,000	\$	630
		Category Total	7,072,100	\$	1,068,452

<i>Country</i>			Quantity		Value
HONG KONG (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	1	\$	1,432
	(h)	Components, parts and associated equipment	3,004	\$	58,340
		Category Total	3,005	\$	59,772
<i>Category V</i>		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(c)	Pyrotechnics, fuels and related substances	3,120	\$	331,188
	(d)	Oxidizers	5,100	\$	112,200
		Category Total	8,220	\$	443,388
<i>Category VIII</i>		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	58	\$	94,665

	Category Total	58	\$	94,665
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	60	\$	116,520
	(d) Components, parts and associated equipment	30	\$	5,607
	(e) Technical data	1	\$	5,500
	Category Total	91	\$	127,627
<i>Category XI</i>	Military Electronics Computers specifically designed for military 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
	Country		Quantity	Value
	HONG KONG (Continued)			
<i>Category XIV</i> <i>(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	17,086	\$	298,789
	* (f)			
	Category Total	23,606	\$	413,829
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			

	Spacecraft, including communications satellites, remote sensing satellites, scientific			
* (a)	satellites, research satellites, navigation satellites, experimental and multi-mission satellites	1	\$	82,362,412
	Components, parts, and associated equipment specifically designed or modified for the systems			
(e)	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
	Country Total Shipped		\$	83,802,178

HUNGARY

Category 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

Country

Quantity

Value

**HUNGARY
(Continued)**

Category III

* (a)	Ammunition/Ordnance Ammunition/ordnance for Categories I & II articles	340,900	\$	202,191
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	(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	6	\$	1,355,383
<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>Category IX</i>		Military Training Equipment and Training			
	(e)	Technical data	1	\$	100
		Category Total	1	\$	100
	* (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
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Country

Quantity

Value

**HUNGARY
(Continued)**

*Category XI
(continued)*

(a)(6)	Military Electronics 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

Category XII

*(c)	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	\$	4,730,038
(e)	Components, parts and associated equipment	135	\$	45,546

Category XIII

	Category Total Auxiliary Military Equipment	156	\$	4,775,584
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	Cameras and specialized processing equipment. Photointerpretation,			
(a)	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
(g)	Concealment and deception equipment	1	\$	150,000
	Category Total	3	\$	1,400,000

<i>Country</i>		Quantity		Value
HUNGARY				
<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	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
	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		\$	635,597

ICELAND

<i>Category I</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
<i>Category III</i>	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
	(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)			
	*(a)(3)(i) Search radar systems Computers specifically designed for military applications and any computer specifically modified for use with any defense article	1	\$	72,991
	(a)(6)	5	\$	301,648
	(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			\$	389,150

INDIA

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

	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	* (a)	36	\$	480,635
	Technical data	(h)	114	\$	16,229,066
	Category Total		150	\$	16,709,701
<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)	18	\$	54,792
	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	* (c)	200	\$	517,800
	Launching and recovery equipment for the articles in (a)	(d)	2,985	\$	2,800,712
				Quantity	Value
Country					
INDIA					
(Continued)					
<i>Category VIII (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)	161	\$	784,738
	Components, parts and associated equipment	(h)	771,892	\$	112,225,439
	Technical data	(i)	6,012	\$	2,200,320
	Category Total		781,268	\$	118,583,801
<i>Category IX</i>	Military Training Equipment and Training				
	Training equipment	(a)	2	\$	18,367
	Simulation devices for the items covered by this subchapter	(b)	10	\$	26,641

	(d)	Components, parts and associated equipment	162	\$	35,477
	(e)	Technical data	25	\$	197,850
		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			
	*(d) except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	60	\$	625,250
	(e) Components, parts and associated equipment	13,603	\$	3,261,862
	(f) 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
	(f) Structural materials	75	\$	51,846

	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	40	\$	36,500
	(l)	Technical data	9	\$	138,000
		Category Total	206	\$	857,659
Country			Quantity		Value
INDIA (Continued)					
<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	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
	(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.	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		\$	200

		2		
<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		\$	28,134,227

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

**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 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		\$	1,000

		1		
<i>Category VI</i>	Category Total Vessels of War and Special Naval Equipment	1	\$	1,000
	(g) Technical data	3	\$	251,005
<i>Category VII</i>	Category Total Tanks and Military Vehicles	3	\$	251,005
	(g) Components, parts and associated equipment	1,570	\$	311,810
<i>Category VIII</i>	Category Total Aircraft and Associated Equipment Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	1,570	\$	311,810
	* (c) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	42	\$	516,445
	* (e) Components, parts and associated equipment	11	\$	696,440
	(h) Technical data	15,877	\$	44,109,110
	(i) Technical data	9	\$	20,700
	Category Total	15,939	\$	45,342,695

Country

Quantity

Value

**INDONESIA
(Continued)**

<i>Category IX</i>	Military Training Equipment and Training Simulation devices for the items covered by this subchapter	85	\$	2,097,148
	(b) Tooling and equipment	2	\$	501
	(c) Components, parts and associated equipment	241	\$	38,277
	(d) 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 Command, control and communications systems to include radios (transceivers), navigation and identification equipment	33	\$	3,811,017
	* (a) (5)			
	* (b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	427	\$	24,609,154
	(c) Components, parts and associated equipment	1,607	\$	10,368,720
	(d) Technical data	1,038	\$	3,562
	Category Total	3,105	\$	38,792,453
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (b) Lasers	23	\$	33,927
	* (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	301	\$	1,159,150

Country

Quantity

Value

INDONESIA
(Continued)

<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	*(d)	except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	18	\$	72,540
		(e)	Components, parts and associated equipment	100	\$	9,540
		(f)	Technical data	23	\$	6,300
			Category Total	465	\$	1,281,457
<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)		149	\$	209,608
		(m)	Technical data	1	\$	1
			Category Total	150	\$	209,609
<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	(b)		2	\$	100,000

	Components, parts, and associated equipment specifically designed or modified for the systems		
(e)	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		\$ 2,155,069

<i>Country</i>		Quantity	Value
IRAQ			
<i>Category I</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
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	10	\$ 1,950
	(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
<i>Category II</i>	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
<i>Category III</i>	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
<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	\$	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	11	\$	38,465
		Category Total	808	\$	692,369
		Country			Quantity
					Value

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			

	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	* (a)	3	\$	983,013
	Components, parts and associated equipment	(g)	20,281	\$	41,892,501
	Technical data	(h)	82	\$	1,350,801
	Category Total		20,366	\$	44,226,315
<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)	3	\$	6,470,182
	Launching and recovery equipment for the articles in (a)	(d)	1	\$	290,155
	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	* (e)	19	\$	288,894
	Components, parts and associated equipment	(h)	382	\$	287,567,454
	Technical data	(i)	33	\$	126,630
	Category Total		438	\$	294,743,315
<i>Category IX</i>	Military Training Equipment and Training				
	Training equipment	(a)	778	\$	427,102
	Components, parts and associated equipment	(d)	32	\$	28,453
	Technical data	(e)	526	\$	1,150,579
	Category Total		1,336	\$	1,606,134
<i>Category X</i>	Protective Personnel Equipment and Shelters				
	Protective personnel equipment	(a)	33,893	\$	5,164,140
	Tooling and equipment	(c)	3	\$	894

<i>Country</i>		Quantity	\$	Value
	(d) Components, parts and associated equipment	1,392	\$	2,247,298
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
	Category Total	72,247	\$	948,897,751
<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	107	\$	11,325,000
* (b)	Lasers 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	143	\$	61,759,571
* (c)		58	\$	222,512

Country

Quantity

Value

IRAQ (Continued)

*Category XII
(continued)*

* (d)	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
(e)	Components, parts and associated equipment	326	\$	19,439,416
(f)	Technical data	6	\$	604
	Category Total Auxiliary Military Equipment	653	\$	93,244,687

Category XIII

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

Country

Quantity

Value

IRAQ (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	50,370	\$	10,297,994
	Category Total	50,370	\$	10,297,994
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	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			
	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		\$	125,990,478

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			

<i>Country</i>		Quantity	\$	Value
	* (a) Ammunition/ordnance for Categories I & II articles	2,098,602	\$	474,002
IRELAND (Continued)				
	(d)(3) All other components, parts and associated equipment	10,000	\$	50,000
	(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		\$	2,050

	equipment	1		
	(d) Components, parts and associated equipment	236	\$	29,604
	Category Total	237	\$	31,654
<i>Category XI</i>	Military Electronics Command, control and communications systems to include radios (transceivers), navigation and identification equipment			
	*(a)(5)	59	\$	327,652

<i>Country</i>		Quantity		Value
IRELAND				
(Continued)				
<i>Category XI</i>				
<i>(continued)</i>	Military Electronics Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance			
	*(b)	24	\$	542,142
	(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
	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)	7	\$	312,950
	(e) Components, parts and associated equipment	357	\$	129,019

	(f)	Technical data	1	\$	5,000
<i>Category XIV</i>		Category Total 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	367	\$	455,013
	* (f)		914	\$	156,221
<i>Category XV</i>		Category Total 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.	914	\$	156,221
	(e)		26	\$	5,053

Country

Quantity

Value

**IRELAND
(Continued)**

*Category XV
(continued)*

Spacecraft Systems and
Associated Equipment

(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		\$	3,725,338

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
<i>Category II</i>		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
<i>Category III</i>		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

Country

Quantity

Value

**ISRAEL
(Continued)**

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	186,132	\$	28,307,612
	Launch vehicles and missile and anti-missile systems	1	\$	93,750
	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
	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	2,022	\$	306,187
	Components, parts and associated equipment	346,571	\$	22,324,831
	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			
	Explosives	6,121	\$	12,483,106
	Propellants	267,696	\$	1,674,212
	Pyrotechnics, fuels and related substances	4,766	\$	174,476
	Oxidizers	158,681	\$	1,310,942
	Binders	20,775	\$	191,014
	Additives	395	\$	66,755
	Technical data	6	\$	600
	Category Total	458,440	\$	15,901,105
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	Components, parts and associated equipment	131,972	\$	359,576
	Technical data	101	\$	10,001

		Category Total	132,073	\$	369,577
<i>Country</i>			Quantity		Value
ISRAEL					
<i>(Continued)</i>					
<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)	12	\$	1,731,430
	Military trucks, trailers, hoists and skids specifically designed, modified or equipped to mount or carry weapons	(c)	65	\$	3,270,448
	Engines specifically designed or modified for the vehicles in (a), (b) and (e)	*(f)	201	\$	56,685,600
	Components, parts and associated equipment	(g)	1,875,894	\$	41,905,735
	Technical data	(h)	203	\$	1,988,584
	Category Total		1,876,375	\$	105,581,797
<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				

	(a)	Training equipment	77,490	\$	12,828,548
	(b)	Simulation devices for the items covered by this subchapter	3	\$	10,001
	(d)	Components, parts and associated equipment	1,229	\$	1,883,336
	(e)	Technical data	876	\$	335,548
		Category Total	79,598	\$	15,057,433
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	2,022	\$	194,404

Country

Quantity

Value

ISRAEL
(Continued)

Category X
(continued)

	(b)	Protective Personnel Equipment and Shelters Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	32	\$	894,048
	(d)	Components, parts and associated equipment	6,266	\$	1,607,744
	(e)	Technical data	3	\$	1,100
		Category Total	8,323	\$	2,697,296

Category XI

	* (a)(1)	Military Electronics Underwater sound equipment	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

(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>Country</i>		<i>Quantity</i>		<i>Value</i>
ISRAEL				
<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	5	\$	4,501,616
	* (a)			
	Lasers	136	\$	591,281
	* (b)			

	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
	* (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			
	(b) 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

	(c) Global positioning System (GPS) receiving equipment	3	\$	6,141
Country		Quantity		Value
ISRAEL				
(Continued)				
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
<i>(continued)</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.	15,654	\$	7,943,550
	(f) Technical data	588	\$	668,690
	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		\$	131,140,246
ITALY				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	12,825	\$	6,945,395
	* (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
		Category Total	264,905	\$	40,688,500
<i>Category II</i>		Guns and Armament			
	* (a)	Guns over caliber .50	2	\$	2,375
	(j)	Components, parts and associated equipment	13	\$	542,803
		Category Total	15	\$	545,178

<i>Country</i>			Quantity		Value
<i>ITALY</i>					
<i>(Continued)</i>					
<i>Category III</i>		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
		Category Total	38,463,066	\$	3,878,359
<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	235	\$	565,222

	Devices and materials for the handling, control, activation, monitoring,			
	(c) detection, protection, discharge or detonation of the articles in (a) and (b)	6,820	\$	278,397
	Ablative materials fabricated or semi-			
	*(f) 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) 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

Country

Quantity

Value

**ITALY
(Continued)**

<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			
	Aircraft, including but not limited to			
	* (a) 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
	* (e) 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
<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

Country

Quantity

Value

ITALY
(Continued)

<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

<i>Country</i>		Quantity	Value
ITALY <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	7	\$ 10,075,000
	* (a)		
	Lasers 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	148	\$ 27,267,206
	* (b)		
	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	441	\$ 5,536,228
	* (c)		
	Components, parts and associated equipment	127	\$ 2,791,294
	* (d)		
	Technical data	5,447	\$ 11,580,307
	* (e)		
		2,416	\$ 284,568
	* (f)		

<i>Category XIII</i>	Category Total	8,586	\$	57,534,603
	Auxiliary Military Equipment			
	Cameras and specialized processing equipment.			
	Photointerpretation,			
	(a) stereoscopic plotting and photogrammetry equipment and components	7	\$	89,250
	(f) Structural materials	15	\$	23
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	550	\$	13,263
	Category Total	572	\$	102,536

Country

Quantity

Value

**ITALY
(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	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			
	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

	Components, parts, and associated equipment specifically designed or modified for the systems			
	(e) 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			
	Nuclear radiation			
	* (c) 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		\$	119,519,874

Country

Quantity

Value

JAMAICA

Category 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

<i>Category III</i>	Category Total	2,515	\$	769,476
	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	5,455,000	\$	1,429,830
<i>Category VII</i>	Category Total	5,455,000	\$	1,429,830
	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
<i>Category VIII</i>	Category Total	13	\$	3,810,730
	Aircraft and Associated Equipment			
	(i) Technical data	1	\$	1,000
<i>Category IX</i>	Category Total	1	\$	1,000
	Military Training Equipment and Training Simulation devices for the items covered by this subchapter			
	(b)	47	\$	245,516
<i>Category X</i>	Category Total	47	\$	245,516
	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	4	\$	4,380
	(d) Components, parts and associated equipment	7	\$	770
<i>Category XI</i>	Category Total	11	\$	5,150
	Military Electronics Command, control and communications systems to include radios (transceivers), navigation and identification equipment			
	* (a)(5)	21	\$	39,705
	(c) Components, parts and associated equipment	1	\$	3,218
Country		Quantity		Value

JAMAICA
(Continued)

Category XI
(continued)

Military Electronics

(d)	Technical data	76	\$	22,600
	Category Total	98	\$	65,523
	Country Total			
	Authorized	5,457,685	\$	6,327,225
	Country Total Shipped		\$	1,262,579

JAPAN

Category I

Firearms, Close Assault
Weapons and Combat
Shotguns

* (a)	Nonautomatic and semi- automatic firearms	1,345	\$	502,148
* (d)	Combat shotguns	1	\$	1,584
* (e)	Silencers, mufflers and sound and flash suppressors	10	\$	10,900
(f)	Riflescopes	63,004	\$	36,467,680
* (g)	Barrels, cylinders, receivers and complete breech mechanisms	23,845	\$	1,164,235
(h)	Components, parts and associated equipment	1,709,524	\$	44,474,887
(i)	Technical data	3	\$	200
	Category Total	1,797,732	\$	82,621,634

Category II

Guns and Armament

(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

Category III

Ammunition/Ordnance
Ammunition/ordnance

* (a)	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
JAPAN <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

Country

Quantity

Value

**JAPAN
(Continued)**

<i>Category VI</i>	Vessels of War and Special Naval Equipment Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems			
	* (c)	6	\$	22,310,183
	(f) Components, parts and associated equipment	75,759	\$	126,744,163
	(g) Technical data	225	\$	970,557
	Category Total	75,990	\$	150,024,903
<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	91,574	\$	19,628,005
	(h) Technical data		\$	1,123,322

		200		
	Category Total	91,774	\$	20,751,327
<i>Category VIII</i>	Aircraft and Associated Equipment			
	Aircraft, including but not limited to			
	* (a) helicopters, non-expansive balloons, drones and lighter-than-air aircraft	6	\$	228,951,764
	* (b) Military aircraft engines	75	\$	131,126,700
	Cartridge-actuated devices utilized in			
	* (c) emergency escape of personnel and airborne equipment	695	\$	1,574,772
	Launching and recovery equipment for the articles in (a)	19	\$	2,046,670
	Inertial navigation systems, aided or hybrid inertial navigation			
	* (e) systems, Inertial Measurement Units and Attitude and Heading Reference Systems	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 (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 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	10,058	\$ 48,373,360
	* (b)		
	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	6,209	\$ 46,457,391
	* (c)		
	Components, parts and associated equipment	291	\$ 7,176,862
	* (d)		
	Technical data	3,574	\$ 50,581,464
	* (e)		
	Category Total	214	\$ 64,507
	* (f)		
	Category Total	20,425	\$ 157,715,323

Category XIII

	Auxiliary Military Equipment Cameras and specialized processing equipment. Photointerpretation,			
(a)	stereoscopic plotting and photogrammetry equipment and components	477	\$	4,610,104
	Military Information Security Assurances			
(b)	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			
(d)	reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	32	\$	2,286
	Armor and reactive armor and components,			
(e)	parts and accessories not elsewhere controlled by this subchapter	135	\$	391,664
(g)	Concealment and deception equipment	46	\$	12,533
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction			
(h)		847	\$	403,154
(l)	Technical data	8	\$	855
	Category Total	2,037	\$	6,955,719
	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			

Category XIV

	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	1,995	\$	10,778,436
	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			
	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>	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
	(b) Global positioning System (GPS) receiving equipment	262	\$	1,666,513
	(c) Radiation-hardened microelectronics	2,594	\$	52,347,532
	(d)			

	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			
	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		\$	781,253,483

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</i> <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			
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	20	\$	134,448
	(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		\$	338,770

		637		
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(g) Technical data	1	\$	500
	Category Total	1	\$	500

<i>Country</i>		Quantity		Value
JORDAN <i>(Continued)</i>				
<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	5	\$	147,395
	*(a) 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
<i>Category VIII</i>	Aircraft and Associated Equipment			
	Aircraft, including but not limited to helicopters, non- expansive balloons, drones and lighter-than- air aircraft	9	\$	18,379,502
	*(a) Military aircraft engines Cartridge-actuated devices utilized in	2	\$	1,845,000
	*(b) emergency escape of personnel and airborne equipment	260	\$	74,575
	(c) Components, parts and associated equipment	12,487	\$	28,008,987
	(h) Technical data	248	\$	12,381,853
	(i)			

<i>Category IX</i>	Category Total	13,006	\$	60,689,917
	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
<i>Category X</i>	Category Total	1,694	\$	505,119
	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	27	\$	19,148
	(d) Components, parts and associated equipment	102	\$	58,824
<i>Category XI</i>	Category Total	129	\$	77,972
	Military Electronics			
	*(a)(4) Electronic combat equipment	12	\$	483,345

<i>Country</i>		Quantity	\$	Value
JORDAN (Continued)				
<i>Category XI</i> <i>(continued)</i>				
	Military Electronics Command, control and communications systems to include radios *(a)(5) (transceivers), navigation and identification equipment	19	\$	1,797,558
	(c) Components, parts and associated equipment	5,620	\$	349,546
	(d) Technical data	45,425	\$	635,175
<i>Category XII</i>	Category Total	51,076	\$	3,265,624
	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b) Lasers	9	\$	52,114

	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
	(c) 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
	(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	8	\$	50
	Category Total	35	\$	395
<i>Category XVIII</i>	Directed Energy Weapons			
	(f) Technical data	5	\$	100
	Category Total	5	\$	100
	Country Total Authorized	1,183,279	\$	79,792,932
	Country Total Shipped		\$	13,160,582

Country

Quantity

Value

KAZAKHSTAN

Category VIII

Aircraft and Associated Equipment

		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
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	30	\$	7,425,000
	(c)	Components, parts and associated equipment	178	\$	10,385,970
	(d)	Technical data	1,018	\$	9,200
		Category Total	1,227	\$	20,320,170
<i>Category XV</i>		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	3	\$	3,045
	(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.	23	\$	826,868
	(f)	Technical data	2	\$	50

Category Total	28	\$	829,963
Country Total			
Authorized	1,661	\$	31,351,324
<i>Country Total Shipped</i>		\$	1,802,024

<i>Country</i>		Quantity		Value
<i>KENYA</i>				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (b) Fully automatic firearms	12	\$	134,580
	Category Total	12	\$	134,580
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(g) 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		\$	4,024,010

KOSOVO

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

**KOSOVO
(Continued)**

<i>Category 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		\$	8,603

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	335,328	\$	14,044,545
<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
<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	6	\$	13,754,548
	(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)					
<i>Category VIII</i>		Aircraft and Associated Equipment			
	* (b)	Military aircraft engines Cartridge-actuated devices utilized in	18	\$	193,412
	* (c)	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
<i>Category IX</i>		Military Training Equipment and Training			
	(a)	Training equipment Simulation devices for	72	\$	6,941,681
	(b)	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	99	\$	15,033,530
<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

*(a)	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	\$	12,075
*(b)	Lasers	1	\$	1,172

	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)	9	\$	1,448,796
	Technical data	(f)	6	\$	35
<i>Category XIII</i>	Category Total Auxiliary Military Equipment		17	\$	1,462,078
	Concealment and deception equipment	(g)	40,401	\$	46,971,485
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	(h)	8,000	\$	1,840,000
	Hardware and equipment that is associated with the measurement or modification of system signatures for detection of defense articles	* (j)	2	\$	3,300
	Technical data	(l)	1	\$	60,000
<i>Category XIV</i>	Category Total Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		48,404	\$	48,874,785
	Tear gases and riot control agents	(d)	36,500	\$	1,248,023

Country

Quantity

Value

**KUWAIT
(Continued)**

*Category XIV
(continued)*

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	5,748	\$	9,282,228
	Category Total	42,248	\$	10,530,251
<i>Category XVII</i>	Category Total 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	15	\$	16,650
	Category Total	15	\$	16,650
	Country Total Authorized	1,591,964	\$	922,958,056
	Country Total Shipped		\$	32,923,142

KYRGYZSTAN

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	(h) 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			
	(h) 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

<i>Country</i>		Quantity		Value
KYRGYZSTAN				
<i>(Continued)</i>				
<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		\$	78,501
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		\$	1,500

		2		
<i>Category XI</i>	Category Total	2	\$	1,500
	Military Electronics			
	Electronic systems or			
	subsystems for use in			
	surveillance and			
	* (b) 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>				
<i>(continued)</i>	Military Electronics			
	(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			
	Infrared focal plane array			
	detectors; image			
	intensification and other			
	night sighting equipment			
	or systems; second			
	* (c) 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			
	Global positioning			
	(c) System (GPS) receiving			
	equipment	4	\$	9,636
	Category Total	4	\$	9,636
	Country Total			
	Authorized	70,338	\$	4,418,126
	Country Total Shipped		\$	97,328

LEBANON

<i>Category I</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 Total	1,068	\$	646,183
<i>Category III</i>	Ammunition/Ordnance			
	* (a) Ammunition/ordnance for Categories I & II articles	1,124,500	\$	557,715
	Category Total	1,124,500	\$	557,715

Country

Quantity

Value

**LEBANON
(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	1	\$	7,062,149
	* (a)			
	(h) Components, parts and associated equipment	44	\$	1,026,725
	(i) Technical data	12	\$	60,000
	Category Total	57	\$	8,148,874
<i>Category XI</i>	Military Electronics			
	* (a)(4) Electronic combat equipment	1	\$	175,314

	Electronic systems or subsystems for use in surveillance and			
	* (b) electronic systems or equipment designed to counteract electronic surveillance	6	\$	2,067,849
	(c) Components, parts and associated equipment	132	\$	31,670
	(d) Technical data	14	\$	322,684
	Category Total	153	\$	2,597,517
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (b) Lasers	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	1	\$	5,500
	* (c) Components, parts and associated equipment	1,330	\$	39,304
	(f) Technical data	1	\$	50
	Category Total	2,134	\$	701,404
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	(f) Technical data	2	\$	100,000
	Category Total	2	\$	100,000
	Country Total Authorized	1,127,914	\$	12,751,693
	<i>Country Total Shipped</i>		\$	11,642,507

Country

Quantity

Value

LIBERIA

<i>Category I</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
	Category Total	2,011	\$	27,654
<i>Category III</i>	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
	Category Total	245	\$	113,460
<i>Category XI</i>	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		\$	312,864

LIBYA

Category VIII	Aircraft and Associated Equipment			
	Components, parts and associated equipment	(h)	20,239	\$ 15,812,032
	Technical data	(i)	4	\$ 13,076
	Category Total		20,243	\$ 15,825,108

Country

Quantity

Value

**LIBYA
(Continued)**

Category IX	Military Training Equipment and Training			
	Technical data	(e)	1	\$ 500
	Category Total		1	\$ 500
Category XI	Military Electronics			
	Components, parts and associated equipment	(c)	3	\$ 3,960
	Technical data	(d)	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			\$ 433,728

LIECHTENSTEIN

Category III	Ammunition/Ordnance			
	Technical data	(e)	20	\$ 2,000
	Category Total		20	\$ 2,000
	Country Total Authorized		20	\$ 2,000
	Country Total Shipped			\$ -

LITHUANIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	239	\$	111,692
	(f) Riflescopes	5	\$	2,277
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	4	\$	880
	(h) Components, parts and associated equipment	30	\$	1,183
	Category Total	278	\$	116,032
<i>Category III</i>	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		\$	7,612

		4		
	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
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(d) Components, parts and associated equipment	54	\$	10,552
	Category Total	54	\$	10,552
<i>Category XI</i>	Military Electronics			
	(a)(3)(vi) Ground air traffic control radar systems	2	\$	5,076
	(c) Components, parts and associated equipment	147	\$	8,952
	(d) Technical data	5	\$	403,100
	Category Total	154	\$	417,128
<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	3	\$	304,245

Country

Quantity

Value

**LITHUANIA
(Continued)**

<i>Category XII (continued)</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(e) Components, parts and associated equipment	5	\$	12,164
	(f) Technical data	1	\$	50

<i>Category XIV</i>	Category Total Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment	9	\$	316,459
	(d) Tear gases and riot control agents	1,450	\$	16,675
	* (f) 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		\$	552,486

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 All other components, parts and associated equipment	1,301,000	\$	248,160
	(d)(3)			
	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

<i>Country</i>		Quantity	Value
LUXEMBOURG			
(Continued)			
<i>Category IV</i> <i>(continued)</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	Devices and materials for the handling, control, activation, monitoring, (c) 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
<i>Category VIII</i>	(h) Technical data	307	\$ 51,102
	Category Total	2,397	\$ 55,381,217
	Aircraft and Associated Equipment		
<i>Category IX</i>	Aircraft, including but not limited to (a) 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
	Category Total	2,650	\$ 44,317,416
<i>Category IX</i>	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
	Category Total	2	\$ 2,440,186

<i>Category X</i>	Protective Personnel Equipment and Shelters Permanent or transportable shelters specifically designed or (b) modified to protect against the effect of articles covered by this subchapter	315	\$	171,974
	Category Total	315	\$	171,974
<i>Category XI</i>	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
(Continued)**

<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 *(a) instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	1	\$	69,876
	*(b) Lasers	1	\$	3,225
	*(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	\$	9,252
	(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			
	(b) Systems and equipment, cryptographic devices, software and components	37	\$	1,662,070
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	2,019	\$	15,539
	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.	895	\$	1,037,473
	Category Total	895	\$	1,037,473
	Country Total Authorized	1,312,249	\$	320,090,737
	Country Total Shipped		\$	27,261,891

Country

Quantity

Value

MACEDONIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(b) Fully automatic firearms	22	\$	163,020
	Category Total	22	\$	163,020
<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(c) Pyrotechnics, fuels and related substances	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

Country

Quantity

Value

**MACEDONIA
(Continued)**

*Category XI
(continued)*

Military Electronics

	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	1	\$	19,999
		Electronic systems or subsystems for use in surveillance and			
	* (b)	electronic systems or equipment designed to counteract electronic surveillance	57	\$	607,612
	(c)	Components, parts and associated equipment	547	\$	862,448
	(d)	Technical data	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			
	* (c)		5	\$	244,285
	(e)	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			
	* (f)		402	\$	7,240
		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		\$	1,184,764
Country			Quantity		Value
MADAGASCAR					
Category VII		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			
		Launch vehicles and missile and anti-missile systems	8	\$	297,600
	(b)	Components, parts and associated equipment	3,204	\$	431,062
	(h)	Technical data	2	\$	4,000
	(i)	Category Total	3,214	\$	732,662

Country

Quantity

Value

**MALAYSIA
(Continued)**

Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
		Pyrotechnics, fuels and related substances	1,862	\$	697,775
	(c)	Oxidizers	956	\$	80,742
	(d)	Category Total	2,818	\$	778,517
Category VI		Vessels of War and Special Naval Equipment			
		Components, parts and associated equipment	2	\$	1,172
	(f)	Category Total	2	\$	1,172
Category VII		Tanks and Military Vehicles			
		Amphibious vehicles	18	\$	107,406
	(e)	Components, parts and associated equipment	596	\$	37,374,044
	(g)	Technical data	3,235	\$	224,738
	(h)	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	* (e)	8	\$	385,898
	Components, parts and associated equipment	(h)	147,459	\$	53,073,420
	Technical data	(i)	7	\$	6,200
	Category Total		147,474	\$	53,465,518
Category IX	Military Training Equipment and Training				
	Training equipment	(a)	44	\$	5,759,850
	Components, parts and associated equipment	(d)	68	\$	4,677,957
	Technical data	(e)	171	\$	46,980
	Category Total		283	\$	10,484,787
Category X	Protective Personnel Equipment and Shelters				
	Protective personnel equipment	(a)	4,435	\$	1,774,398
	Components, parts and associated equipment	(d)	603	\$	18,009
	Category Total		5,038	\$	1,792,407
Category XI	Military Electronics				
	Underwater sound equipment	* (a)(1)	1	\$	17,993
	Electronic combat equipment	* (a)(4)	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	* (a)(5)	57	\$	1,391,600
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	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
* (b)	Components, parts and associated equipment	2,593	\$	8,368,692
(c)	Technical data	1,093	\$	199,867
(d)	Category Total	8,303	\$	18,194,160
	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
Category XII				
	Lasers	10	\$	10,480
* (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	4	\$	986,742
* (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	114	\$	2,688,521
* (d)	Components, parts and associated equipment	2,009	\$	1,763,942
(e)	Technical data	13	\$	30,299
(f)	Category Total	2,150	\$	5,479,984

<i>Country</i>		Quantity		Value
MALAYSIA (Continued)				
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	(b) 10	\$	700,000
	Global positioning System (GPS) receiving	(c) 71	\$	463,898

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)	equipment, etc.	2,002	\$	285,000
(f)	Technical data	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	11	\$	720,613
(b)				
(c)	Components, parts and associated equipment	70	\$	286,390
	Category Total	81	\$	1,007,003
	Country Total Authorized	3,191,427	\$	147,269,264
	Country Total Shipped		\$	15,453,677

**MALDIVES,
REPUBLIC OF**

Category VII

	Tanks and Military Vehicles			
(g)	Components, parts and associated equipment	10	\$	3,092
	Category Total	10	\$	3,092

Category IX

	Military Training Equipment and Training			
(a)	Training equipment	8	\$	4,000
	Category Total	8	\$	4,000
	Country Total Authorized	18	\$	7,092
	Country Total Shipped		\$	4,000

MALTA

Category I	Firearms, Close Assault Weapons and Combat Shotguns			
	* (a) Nonautomatic and semi-automatic firearms	760	\$	187,438
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	20	\$	1,300
	(h) Components, parts and associated equipment	326	\$	6,800
	Category Total	1,106	\$	195,538
Category VIII	Aircraft and Associated Equipment			
	(i) Technical data	1	\$	500
	Category Total	1	\$	500
Category XI	Military Electronics			
	(d) Technical data	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		\$	274,542

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			\$	252,224

MAURITIUS

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

Country

Quantity

Value

**MAURITIUS
(Continued)**

Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment
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	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
	Technical data	(f)	1	\$	100
	Category Total		52	\$	995,796
	Country Total Authorized		8,555	\$	1,795,904
	Country Total Shipped			\$	801,453

MEXICO

Category I	Firearms, Close Assault Weapons and Combat Shotguns				
	Nonautomatic and semi-automatic firearms	* (a)	17,169	\$	20,058,429
	Fully automatic firearms	* (b)	1,361	\$	2,364,538
	Firearms and other weapons	* (c)	179	\$	197,740
	Riflescopes	(f)	25	\$	1,300
	Barrels, cylinders, receivers and complete breech mechanisms	* (g)	50	\$	15,150
	Components, parts and associated equipment	(h)	1,637,519	\$	1,953,110
	Technical data	(i)	21	\$	2,209
	Category Total			\$	24,592,476

		1,656,324		
<i>Category III</i>	Ammunition/Ordnance			
	Ammunition/ordnance			
	* (a) for Categories I & II articles	10,725,870	\$	5,716,399
	(c) Tooling and equipment	2	\$	50,594
	Country	Quantity		Value
	MEXICO			
	(Continued)			
<i>Category III</i>	Ammunition/Ordnance			
<i>(continued)</i>	All other components,			
	(d)(3) parts and associated equipment	2,200	\$	861,916
	(e) Technical data	1	\$	10
	Category Total	10,728,073	\$	6,623,919
	Launch Vehicles, Guided			
	Missiles, Ballistic			
<i>Category IV</i>	Missiles, Rockets,			
	Torpedoes, Bombs and			
	Mines			
	Rockets, bombs,			
	grenades, torpedoes,			
	depth charges, land and			
	* (a) naval mines, launchers			
	for such defense articles,			
	demolition blocks and			
	blasting caps	5,464	\$	652,755
	Launch vehicles and			
	* (b) missile and anti-missile			
	systems	1	\$	100,000
	Devices and materials for			
	the handling, control,			
	activation, monitoring,			
	(c) detection, protection,			
	discharge or detonation			
	of the articles in (a) and			
	(b)	3	\$	107,987
	(h) Components, parts and			
	associated equipment	282,745	\$	12,043,586
	(i) Technical data	177	\$	70,201
	Category Total	288,390	\$	12,974,529
<i>Category V</i>	Explosives and Energetic			
	Materials, Propellants,			
	Incendiary Agents and			
	Their Constituents			
	* (b) Propellants		\$	126,524

		500		
	(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 Aircraft, including but not limited to helicopters, non- expansive balloons, drones and lighter-than- air aircraft	7	\$	63,743,196
	* (a) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	18	\$	721,788
	(h) Components, parts and associated equipment	49,951	\$	73,743,196
	(i) Technical data	297	\$	1,448,588

	Category Total	50,273	\$	139,656,922
<i>Category IX</i>	Military Training Equipment and Training			
	(c) Tooling and equipment	1	\$	2,500
	(d) Components, parts and associated equipment	2,453,098	\$	28,217,920
	(e) Technical data	12	\$	9,626
	Category Total	2,453,111	\$	28,230,046
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	74,031	\$	16,934,242
	(b) Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	4	\$	55,808
	(d) Components, parts and associated equipment	34	\$	85,509
	(e) Technical data	20	\$	2,000
	Category Total	74,089	\$	17,077,559
<i>Category XI</i>	Military Electronics			
	*(a)(3)(i) Search radar systems Command, control and communications systems to include radios (transceivers), navigation and identification equipment	7	\$	1,561,422
	*(a)(5)	1,429	\$	46,291,226
	Country		Quantity	Value
	MEXICO (Continued)			
<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	4	\$	79,996

Category XII

	Electronic systems or subsystems for use in surveillance and			
* (b)	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
	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
	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
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
* (d)	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		\$	17,905,483

<i>Country</i>		514		<i>Quantity</i>	<i>Value</i>
MEXICO					
(Continued)					
<i>Category XIII</i>	Auxiliary Military Equipment				
	Military Information Security Assurances				
	(b) Systems and equipment, cryptographic devices, software and components	6	\$		6,350
	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with				
	(d) continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	1,804	\$		4,183,372
	Armor and reactive armor and components,				
	(e) parts and accessories not elsewhere controlled by this subchapter	435	\$		1,519,620
	(f) Structural materials	1	\$		1
	Energy conversion devices for producing electrical energy from				
	(h) nuclear, thermal or solar energy or from chemical reaction	80	\$		6,901
	(l) Technical data	2	\$		50,100
	Category Total	2,328	\$		5,766,344
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment				
	(d) Tear gases and riot control agents	21,523	\$		476,350
	Components, parts, and associated equipment specifically designed or				
	*(f) modified for military operations and compatibility with military equipment	25,327	\$		1,086,397
	Category Total		\$		1,562,747

		46,850		
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
	Spacecraft, including communications satellites, remote sensing satellites, scientific			
	* (a) 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)**

<i>Category XX</i>	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		\$	176,935,127

MICRONESIA

<i>Category IV</i>	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i) Technical data	14	\$	478,464
	Category Total	14	\$	478,464
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(g) Technical data	14	\$	478,464
	Category Total	14	\$	478,464
<i>Category VIII</i>	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

<i>Category I</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

<i>Category VII</i>	Tanks and Military Vehicles			
	(h) Technical data	1	\$	500
	Category Total	1	\$	500

Country

Quantity

Value

**MONGOLIA
(Continued)**

<i>Category XI</i>	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		\$	1,064

MONTENEGRO

<i>Category VIII</i>	Aircraft and Associated Equipment			
	(h) Components, parts and associated equipment	2	\$	6,500
	Category Total	2	\$	6,500

<i>Category X</i>	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		\$	34,680

MONTSERRAT

<i>Category III</i>	Ammunition/Ordnance 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		\$	15,450

MOROCCO

<i>Category I</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
<i>Category IV</i>	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)**

<i>Category IV (continued)</i>	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			
	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 Cartridge-actuated devices utilized in	1	\$	1,039,500
	* (c) 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

<i>Country</i>		Quantity	Value
MOROCCO <i>(Continued)</i>			
<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 Fire Control, Range Finder, Optical and Guidance and Control Equipment	2,455 \$	6,794,404
<i>Category XII</i>			

	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
(c)				
(e)	Components, parts and associated equipment	5	\$	6,460
(f)	Technical data	2	\$	200
	Category Total	110	\$	16,942,971

<i>Country</i>		Quantity		Value
MOROCCO				
<i>(Continued)</i>				
<i>Category XIII</i>	Auxiliary Military Equipment Cameras and specialized processing equipment. Photointerpretation,			
	(a) stereoscopic plotting and photogrammetry equipment and components	1	\$	57,750
	(h) 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		\$	16,527,058

NAMIBIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns
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	* (a)	Nonautomatic and semi-automatic firearms	766	\$	281,808
	* (g)	Barrels, cylinders, receivers and complete breech mechanisms	112	\$	26,969
	(h)	Components, parts and associated equipment	694	\$	30,548
<i>Category III</i>		Category Total			
		Ammunition/Ordnance			
	* (a)	Ammunition/ordnance for Categories I & II articles	2,201,100	\$	230,798
	(d)(3)	All other components, parts and associated equipment	5,472,100	\$	312,702
		Category Total			
		Country Total Authorized	7,674,772	\$	882,825
		Country Total Shipped		\$	203,515

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

Country

Quantity

Value

**NEPAL
(Continued)**

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

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

Country

Quantity

Value

NETHERLANDS
(Continued)

Category III

	Ammunition/Ordnance			
	Ammunition/ordnance			
* (a)	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

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)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	372	\$	2,414,280
(c)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	1	\$	5,413
* (f)	Components, parts and associated equipment	12	\$	1,650
(h)	Technical data	19,251	\$	5,877,124
(i)	Category Total	64	\$	412,168
	Category Total	19,700	\$	8,710,635

Category V

	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
* (a)	Explosives	50	\$	623
* (b)	Propellants		\$	102,165

		14,700		
	(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
Country		Quantity		Value
NETHERLANDS				
(Continued)				
<i>Category VI</i> <i>(continued)</i>	Vessels of War and Special Naval Equipment			
	(g) Technical data	12	\$	200,100
	Category Total	22,159	\$	5,265,176
<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	1	\$	40,000
	(a) 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			
	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	1	\$	2,200,000
	(a) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading	2	\$	54,766

Reference Systems

	(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
		Country		Quantity	Value
		NETHERLANDS			
		(Continued)			
<i>Category X (continued)</i>		Protective Personnel Equipment and Shelters Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter			
	(b)		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		\$	6,196,192

	equipment	5		
	* (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
	* (b) 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
	Country	Quantity		Value
NETHERLANDS				
<i>(Continued)</i>				
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
<i>(continued)</i>				

	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			
	* (d) except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	447	\$	7,848,499
	(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>Category XIII</i>	Auxiliary Military Equipment			
	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are			
	(d) reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	8	\$	7,308
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	1,964	\$	176,090
	(h)			
	Category Total	1,972	\$	183,398
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			

<i>Country</i>		Quantity	\$	Value
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	3,139	\$	421,193
	<i>Country</i>			
NETHERLANDS				
<i>(Continued)</i>				
<i>Category XIV</i> <i>(continued)</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)	468	\$	8,007
	(h)			
	(m) Technical data	3	\$	474
	Category Total	3,610	\$	429,674
<i>Category XV</i>	Spacecraft Systems and Associated Equipment Global positioning System (GPS) receiving equipment	2,151	\$	2,546,914
	(c)			
	(d) Radiation-hardened microelectronics	38	\$	245,900
	(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.	6,767	\$	5,655,230
	(f) Technical data	45	\$	200,395
	Category Total	9,001	\$	8,648,439
<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment			

	Submersible vessels, manned or unmanned, tethered or untethered, * ^(a) 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		\$	57,063,856

<i>Country</i>		Quantity		Value
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 Ammunition/ordnance * ^(a) for Categories I & II articles	1,021,000	\$	184,690
	Category Total Tanks and Military Vehicles	1,021,000	\$	184,690
<i>Category VII</i>	^(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
<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.	309	\$	105,053
		Category Total	309	\$	105,053
		Country Total Authorized	1,023,086	\$	46,425,340
		<i>Country Total Shipped</i>		\$	29,786,646

<i>Country</i>			Quantity		Value
		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		\$	501,943

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

Country

Quantity

Value

**NEW ZEALAND
(Continued)**

*Category II
(continued)*

Guns and Armament

	(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
<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
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<i>Country</i>		Quantity	\$	Value
NEW ZEALAND				
(Continued)				
<i>Category VI</i> <i>(continued)</i>	Vessels of War and Special Naval Equipment			
	(f) Components, parts and associated equipment	228	\$	12,797,715
	Category Total	230	\$	25,579,842
<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	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 VIII</i>	Aircraft and Associated Equipment			
	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	11	\$	36,623,576
	* (b) Military aircraft engines	1	\$	400,000
	* (c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	17	\$	11,851,857

	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	6	\$	164,298
	(h) Components, parts and associated equipment	1,440	\$	31,501,920
	(i) Technical data	19	\$	351,340
	Category Total	1,494	\$	80,892,991
<i>Category IX</i>	Military Training Equipment and Training			
	(a) Training equipment	13	\$	4,728,460
	(b) Simulation devices for the items covered by this subchapter	2	\$	774
	(d) Components, parts and associated equipment	15	\$	372
	(e) Technical data	161	\$	10,161
	Category Total	191	\$	4,739,767

<i>Country</i>		Quantity		Value
NEW ZEALAND				
<i>(Continued)</i>				
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	9,651	\$	2,871,076
	(d) Components, parts and associated equipment	79	\$	11,231
	(e) Technical data	2	\$	500
	Category Total	9,732	\$	2,882,807
<i>Category XI</i>	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
<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	732	\$	202,075
	* (b)	Lasers	12	\$	12,393

<i>Country</i>			Quantity		Value
NEW ZEALAND					
<i>(Continued)</i>					
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
<i>(continued)</i>					

	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	296	\$	15,935,160
	* (c) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
	* (d) except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	4	\$	91,332
	(e) Components, parts and associated equipment	4,965	\$	915,697
	(f) Technical data	46	\$	1,400
	Category Total Auxiliary Military Equipment	6,055	\$	17,155,057
<i>Category XIII</i>				
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	1,264	\$	2,020,172
	(b) Armor and reactive armor and components,			
	(e) parts and accessories not elsewhere controlled by this subchapter	20	\$	31,050
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	3	\$	4,680
	(h)			
	Category Total Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment	1,287	\$	2,055,902
<i>Category XIV</i>				
	(d) Tear gases and riot control agents	2,000	\$	52,000

<i>Country</i>	Quantity	Value
NEW ZEALAND <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 specifically designed or modified for military operations and compatibility with military equipment	100	\$ 23,614
*(f) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (h) (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>		
(b) 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	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		\$ 1,250

		50		
<i>Category XXI</i>	Category Total	108	\$	812,400
	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		\$	14,895,674

<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		\$	765,860

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		\$	16,272

NIGERIA

<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	(g) Technical data	1	\$	500
	Category Total	1	\$	500

Country

Quantity

Value

**NIGERIA
(Continued)**

<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	160	\$	338,838
	(h) Technical data	1	\$	65,000
	Category Total	161	\$	403,838
<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	\$	39,600

	(h)	Components, parts and associated equipment	18	\$	22,211
	(i)	Technical data	1	\$	5,000
		Category Total	20	\$	66,811
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	800	\$	143,200
	(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 Command, control and communications systems			
	* (a)(5)	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)**

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	1	\$	1,126,000
(e)	Components, parts and associated equipment	26	\$	21,973
(f)	Technical data	11	\$	1,100
	Category Total	38	\$	1,149,073
	Country Total Authorized	1,678	\$	3,351,495
	Country Total Shipped		\$	863,334

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		\$	120,608

Category Total

<i>Country</i>		Quantity		Value
NORWAY (Continued)				
<i>Category III</i>	Ammunition/Ordnance Ammunition/ordnance for Categories I & II articles	10,526,125	\$	2,260,108
	* (a)			
	* (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

Country

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
		Category Total	20,178	\$	6,063,174
<i>Category XI</i>		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)*

	* (b)	Military Electronics 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

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	47	\$	3,966,787
* (a)				
* (b)	Lasers	6,612	\$	5,894,458
	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	960	\$	25,554,787
* (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	2	\$	499,500
(e)	Components, parts and associated equipment	21,622	\$	39,046,801
(f)	Technical data	25	\$	5,881
	Category Total	29,268	\$	74,968,214

Country

Quantity

Value

**NORWAY
(Continued)**

Category XIII

Auxiliary Military Equipment

	(h)	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			
	* (f)	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			
	(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	\$	2,864,821
	(c)	Global positioning System (GPS) receiving equipment	5	\$	5,075
	(d)	Radiation-hardened microelectronics	10	\$	4,030
	(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.	244	\$	2,688,663
	(f)	Technical data	1	\$	91,500
		Category Total	263	\$	5,654,089
<i>Category XX</i>		Submersible Vessels, Oceanographic and Associated Equipment			

	Submersible vessels, manned or unmanned, tethered or untethered, * ^(a) designed or modified for military purposes, or powered by nuclear propulsion plants	2	\$	859,733
Country		Quantity		Value
NORWAY (Continued)				
<i>Category XX</i> <i>(continued)</i>	Submersible Vessels, Oceanographic and Associated Equipment			
	(c) Components, parts and associated equipment	374	\$	35,784
	Category Total	376	\$	895,517
	Country Total Authorized	31,006,433	\$	336,969,731
	Country Total Shipped		\$	36,274,276
OMAN				
<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 Ammunition/ordnance for Categories I & II articles	540	\$	1,638
	(d)(3) All other components, parts and associated	9,000	\$	45,000

	equipment			
	(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			
	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

<i>Country</i>		Quantity		Value
OMAN <i>(Continued)</i>				
<i>Category VI</i>	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	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
	Components, parts and associated equipment	(h)	2,793	\$	10,284,981
	Technical data	(i)	7	\$	2,700
	Category Total		2,801	\$	10,360,181
<i>Category IX</i>	Military Training Equipment and Training				
	Training equipment	(a)	32	\$	2,209
	Technical data	(e)	21	\$	20,500
	Category Total		53	\$	22,709
<i>Category X</i>	Protective Personnel Equipment and Shelters				
	Components, parts and associated equipment	(d)	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
	Components, parts and associated equipment	(c)	226	\$	2,234,195
	Technical data	(d)	473	\$	177,725
	Category Total		701	\$	2,589,172
Country			Quantity		Value
OMAN					
(Continued)					
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment				
	Lasers	* (b)	240	\$	320,940

	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
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
	* (d) 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
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	Components, parts, and associated equipment specifically designed or			
	* (f) 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		\$	3,181,407

PAKISTAN

<i>Category I</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

<i>Country</i>		Quantity	\$	Value
	(f) Riflescopes	10	\$	7,280
PAKISTAN (Continued)				
<i>Category I</i> <i>(continued)</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	* (g) Barrels, cylinders, receivers and complete breech mechanisms	20	\$	17,064
	(h) Components, parts and associated equipment	2,670	\$	246,804
	Category Total	4,297	\$	1,310,810
<i>Category II</i>	Guns and Armament			
	(j) Components, parts and associated equipment	1	\$	44,643
	Category Total	1	\$	44,643
<i>Category III</i>	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
<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	520	\$	83,500
	* (b) Launch vehicles and missile and anti-missile systems	2	\$	200,000

	Devices and materials for the handling, control, activation, monitoring,			
(c)	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)**

<i>Category V</i>	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
<i>Category VI</i>	Vessels of War and Special Naval Equipment Patrol craft without armor, armament or mounting surfaces for			
	(b) 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	16	\$	67,168
<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)**

<i>Category XI</i>	Military Electronics Command, control and communications systems to include radios (transceivers), navigation and identification equipment			
	* (a)(5)	15	\$	137,970
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	50	\$	47,500

Category XII

(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
	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
	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			
	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		\$	31,918,047

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
		Category Total	826	\$	737,286
<i>Category III</i>	* (a)	Ammunition/Ordnance 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 Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	2	\$	404,142
	(b)				
		Category Total	2	\$	404,142

<i>Category VIII</i>		Aircraft and Associated Equipment Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	1	\$	76,000
	* (a)				
	(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
		Category Total	2,000	\$	20,000

<i>Category XI</i>	Military Electronics Command, control and communications systems to include radios (transceivers), navigation and identification equipment	* (a) (5)	37	\$	72,705
		(d)	3	\$	2,100
	Category Total		40	\$	74,805
<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)	13	\$	126,335
Country			Quantity		Value
PANAMA (Continued)					
<i>Category XII</i> <i>(continued)</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment				
	Components, parts and associated equipment	(e)	3	\$	1,143
	Technical data	(f)	13	\$	13
	Category Total		29	\$	127,491
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment				
	Tear gases and riot control agents	(d)	18,600	\$	248,952
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	* (f)	400,000	\$	6,750,000

	Category Total	418,600	\$	6,998,952
	Country Total			
	Authorized	681,599	\$	8,534,076
	<i>Country Total Shipped</i>		\$	1,138,406
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

<i>Country</i>		Quantity		Value
PAPUA NEW GUINEA				
(Continued)				
<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			
	* (d) except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	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 specifically designed or modified for military operations and compatibility with military equipment	14,700	\$	201,740
	* (f)			
	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			

<i>Country</i>		Quantity	\$	Value
	(h) Components, parts and associated equipment	4	\$	6,656
PARAGUAY <i>(Continued)</i>				
<i>Category VIII</i> <i>(continued)</i>	Aircraft and Associated Equipment			
	(i) Technical data	1	\$	1,000
	Category Total	5	\$	7,656
	Country Total Authorized	4,984,059	\$	794,839
	<i>Country Total Shipped</i>		\$	82,125
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

<i>Category X</i>	Category Total	1,200	\$	19,300,887
	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
<i>PERU (Continued)</i>				
<i>Category XI</i>	Military Electronics Electronic systems or subsystems for use in surveillance and			
	* (b) electronic systems or equipment designed to counteract electronic surveillance	1	\$	126,000
	(c) 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

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
	* (d) 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
	Components, parts, and associated equipment specifically designed or			
	* (f) modified for military operations and compatibility with military equipment	1,779	\$	35,224
	Category Total	12,572	\$	211,354
	Country	Quantity		Value
	PERU (Continued)			
<i>Category XV</i>	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		\$	3,457,658

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
<i>Category III</i>		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
	(d)(3)	All other components, parts and associated equipment	180,389,601	\$	11,263,750
	(e)	Technical data	66	\$	1,320
		Category Total	188,881,816	\$	14,562,855
<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	67	\$	278,900
	(i)	Technical data	66	\$	91,200
		Category Total	133	\$	370,100

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

<i>Category V</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(c) Pyrotechnics, fuels and related substances	249	\$	3,718
	Category Total	249	\$	3,718
<i>Category VII</i>	Tanks and Military Vehicles			
	(g) Components, parts and associated equipment	810	\$	70,709
	(h) Technical data	4	\$	70,100
	Category Total	814	\$	140,709
<i>Category VIII</i>	Aircraft and Associated Equipment			
	* (b) Military aircraft engines	2	\$	200,000
	(h) Components, parts and associated equipment	10,496	\$	7,312,715
	(i) Technical data	6	\$	43,701
	Category Total	10,504	\$	7,556,416
<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 Command, control and communications systems to include radios (transceivers), navigation and identification equipment			
	* (a) (5) equipment	109	\$	100,071,682
	Electronic systems or subsystems for use in surveillance and			
	* (b) 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

<i>Country</i>		Quantity	Value
PHILIPPINES <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	17	\$ 24,072
	* (a)		
	Lasers 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	\$ 25,105
	* (b)		
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems	27	\$ 96,945
	* (c)		
	except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1	\$ 200,000
	* (d)		
	Components, parts and associated equipment	57	\$ 35,910
	* (e)		
	Technical data	2	\$ 100
	* (f)		

<i>Category XIII</i>	Category Total	129	\$	382,132
	Auxiliary Military Equipment			
	Armor and reactive armor and components,			
	(e) parts and accessories not elsewhere controlled by this subchapter	5	\$	389,200
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	2	\$	2,222
	(h)			
	(l) Technical data	1	\$	50,000
	Category Total	8	\$	441,422

Country

Quantity

Value

**PHILIPPINES
(Continued)**

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	1	\$	50,000
	(b)			
	Category Total	1	\$	50,000
	Country Total Authorized	190,011,248	\$	149,207,093
	Country Total Shipped		\$	7,875,675

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	50	\$	12,146

	breech mechanisms			
	(h) Components, parts and associated equipment	303	\$	13,529
	Category Total	1,186	\$	453,582
<i>Category II</i>	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
<i>Category III</i>	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
<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	\$	4,500
	Country			
		Quantity		Value
	POLAND			
	(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	8	\$	5,680
	(h) Components, parts and associated equipment	3,010	\$	97,011
	(i) Technical data		\$	14,000

		28		
	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
	(h) Components, parts and associated equipment	55,559	\$	209,097,145
	(i) Technical data	11,319	\$	495,987
	Category Total	66,880	\$	294,416,452
<i>Category IX</i>	Military Training Equipment and Training Simulation devices for the items covered by this subchapter			
	(b)	5	\$	322,796
	(d) Components, parts and associated equipment	6	\$	28,750
	Category Total	11	\$	351,546
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	6,103	\$	1,975,226

Country

Quantity

Value

POLAND
(Continued)

<i>Category X</i> <i>(continued)</i>	Protective Personnel Equipment and Shelters			
	(d) Components, parts and associated equipment	4	\$	1,703
	Category Total	6,107	\$	1,976,929
<i>Category XI</i>	Military Electronics Command, control and communications systems to include radios (transceivers), navigation and identification equipment	111	\$	28,398,416
	(a)(6) Computers specifically designed for military applications and any computer specifically modified for use with any defense article	18	\$	97,224
	(b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	199	\$	3,220,452
	(c) Components, parts and associated equipment	944	\$	3,115,571
	(d) Technical data	348	\$	214,735
	Category Total	1,620	\$	35,046,398
<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	10	\$	250,000
	(b) Lasers	165	\$	418,903

<i>Country</i>		Quantity	\$	Value
	* (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	605	\$	5,634,557
POLAND <i>(Continued)</i>				
<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 * (d) except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	230	\$	619,850
	(e) Components, parts and associated equipment	15,517	\$	2,771,201
	(f) Technical data	5	\$	54
	Category Total	16,532	\$	9,694,565
<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)	1,400	\$	68,628
	Category Total	1,400	\$	68,628
<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	20	\$	635
	Category Total	20	\$	635
<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	10	\$	700,000
	(b) 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
	Country		Quantity	Value
	POLAND (Continued)			
<i>Category XX</i> <i>(continued)</i>	Submersible Vessels, Oceanographic and Associated Equipment			
	(c) Components, parts and associated equipment	49	\$	243,621
	(d) Technical data	1	\$	11,278
	Category Total	63	\$	992,438
	Country Total Authorized	3,676,072	\$	346,240,797
	Country Total Shipped		\$	18,745,855
	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			
		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		\$	100

		1		
<i>Category VII</i>	Category Total Tanks and Military Vehicles	16	\$	14,493
	(g) Components, parts and associated equipment	1,102	\$	219,495
	(h) Technical data	39	\$	19,500
<i>Category VIII</i>	Category Total Aircraft and Associated Equipment Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	1,141	\$	238,995
	* (c) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	39	\$	419,756
	(h) Components, parts and associated equipment	7	\$	174,285
	(i) Technical data	23,253	\$	38,294,547
		55	\$	170,379
<i>Category IX</i>	Category Total Military Training Equipment and Training	23,354	\$	39,058,967
	(d) Components, parts and associated equipment	5	\$	29,165
	(e) Technical data	9	\$	4,500
<i>Category X</i>	Category Total Protective Personnel Equipment and Shelters	14	\$	33,665
	(a) Protective personnel equipment Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	4	\$	494
	(b)	50	\$	1,950
<i>Category XI</i>	Category Total Military Electronics	54	\$	2,444

<i>Country</i>		Quantity	Value
	* (a)(1) Underwater sound equipment	2	\$ 24,766
	* (a)(2) Underwater acoustic active and passive countermeasures and counter-countermeasures	1,008	\$ 1,182,888
PORTUGAL <i>(Continued)</i>			
<i>Category XI</i> <i>(continued)</i>	Military Electronics		
	(a)(3)(vi) Ground air traffic control radar systems	2	\$ 94,000
	* (a)(4) Electronic combat equipment	1,000	\$ 26,500
	* (a)(5) Command, control and communications systems to include radios (transceivers), navigation and identification equipment	13	\$ 655,339
	* (b) Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	24	\$ 29,492
	(c) Components, parts and associated equipment	239	\$ 1,076,935
	(d) Technical data	45,029	\$ 508,000
	Category Total	47,317	\$ 3,597,920
<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	20	\$ 20,720,433

	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	15	\$	60,159
	(c) Components, parts and associated equipment	59	\$	1,172,033
	(f) Technical data	1	\$	1
	Category Total Auxiliary Military Equipment	95	\$	21,952,626
<i>Category XIII</i>	(g) Concealment and deception equipment	90	\$	18,253
	Country		Quantity	Value
	PORTUGAL			
	<i>(Continued)</i>			
<i>Category XIII (continued)</i>	Auxiliary Military Equipment			
	(l) Technical data	1	\$	10
	Category Total Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment	91	\$	18,263
<i>Category XIV</i>	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	1	\$	44,000
	(f) Category Total	1	\$	44,000
	Country Total Authorized	1,518,039	\$	65,876,236
	Country Total Shipped		\$	22,427,686

QATAR

<i>Category I</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
<i>Category II</i>	Guns and Armament			
	(k) Technical data	1	\$	100
	Category Total	1	\$	100
<i>Category III</i>	Ammunition/Ordnance			
	(e) Technical data	1	\$	100
	Category Total	1	\$	100

<i>Country</i>		Quantity		Value
<i>QATAR</i> <i>(Continued)</i>				
<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)	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			
		Aircraft, including but not limited to			
	* (a)	helicopters, non- expansive balloons, drones and lighter-than- air aircraft	2	\$	460,000,000
		Inertial navigation systems, aided or hybrid inertial navigation			
	* (e)	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)

Category XI

	Military Electronics Command, control and communications systems to include radios (transceivers), navigation and identification equipment	101	\$	101,200,000
* (a) (5)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	2	\$	15,050,000
(a) (6)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	30	\$	2,707,420
* (b)	Components, parts and associated equipment	119	\$	29,791,048
(c)	Technical data	409	\$	172,800
(d)	Category Total	661	\$	148,921,268

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	3	\$	4,875,000
* (a)	Lasers	1	\$	20,000,000
* (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	12	\$	482,938
* (c)				

ultraviolet devices

(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. Photointerpretation, (a) stereoscopic plotting and photogrammetry equipment and components	1	\$	1,000,000
	(b) Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	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 *(f) modified for military operations and compatibility with military equipment	500	\$	2,588,000
	Category Total	500	\$	2,588,000

<i>Category XV</i>	Spacecraft Systems and Associated Equipment Global positioning			
	(c) System (GPS) receiving equipment	1	\$	180,000
	Components, parts, and associated equipment specifically designed or modified for the systems			
	(e) 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		\$	483,543,280

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			
	Devices and materials for the handling, control, activation, monitoring,			
	(c) 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			
	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 Command, control and communications systems to include radios	17	\$	95,983,496
	* (a)(5)	(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	31	\$	4,273,000

and gyros

	(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					
<i>(Continued)</i>					
<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		\$	3,779,484

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	6,670,855	\$	1,191,388
<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 (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			
	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	*(e)	1	\$ 18,950
	Components, parts and associated equipment	(h)	37	\$ 77,916
	Technical data	(i)	3	\$ 201,000
	Category Total		41	\$ 297,866
<i>Category IX</i>	Military Training Equipment and Training			
	Tooling and equipment	(c)	39	\$ 450,273
	Category Total		39	\$ 450,273
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	Protective personnel equipment	(a)	15	\$ 5,942,783
	Category Total		15	\$ 5,942,783
<i>Category XI</i>	Military Electronics			
	Components, parts and associated equipment	(c)	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			

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
	* (d) 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			
	Global positioning System (GPS) receiving equipment	222	\$	1,112,004
	(d) Radiation-hardened microelectronics	552	\$	3,244,572
	(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.	6,375	\$	22,477,674
	(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		\$	11,375,802

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

SAIPAN

<i>Category VIII</i>	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

<i>Category I</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		\$	-

<i>Country</i>		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

Country

Quantity

Value

**SAUDI ARABIA
(Continued)**

<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
	(h)	Components, parts and associated equipment	608,626	\$	263,122,333
	(i)	Technical data	317	\$	211,540
		Category Total	608,953	\$	265,766,103

Country

Quantity

Value

SAUDI ARABIA
(Continued)

<i>Category IX</i>	Military Training Equipment and Training		
	(a)	Training equipment	126 \$ 7,589,382
	(b)	Simulation devices for the items covered by this subchapter	57 \$ 313,110
	(c)	Tooling and equipment	8 \$ 28,332
	(d)	Components, parts and associated equipment	1,340 \$ 783,092
	(e)	Technical data	26 \$ 14,100
		Category Total	1,557 \$ 8,728,016
<i>Category X</i>	Protective Personnel Equipment and Shelters		
	(a)	Protective personnel equipment	277 \$ 363,178
	(b)	Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	2 \$ 31,662
	(d)	Components, parts and associated equipment	110 \$ 117,900
	(e)	Technical data	3 \$ 300
		Category Total	392 \$ 513,040
<i>Category XI</i>	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>Country</i>		Quantity		Value
SAUDI ARABIA <i>(Continued)</i>				
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (b) Lasers	500	\$	400,000
	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
	* (c) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
	* (d) except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	435	\$	2,175,000
	(e) Components, parts and associated equipment	671	\$	4,399,621
	(f) Technical data	107	\$	36,580
	Category Total	1,878	\$	22,988,339
<i>Category XIII</i>	Auxiliary Military Equipment			
	(b) Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	17	\$	301,292

(c)	Self-contained diving and underwater breathing apparatus	2	\$	2,000,000
(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	1	\$	1,600
(g)	Concealment and deception equipment	20,100	\$	1,206,000
(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	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			
	* (f) 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			
	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 Directed Energy Weapons	174	\$	634,008
<i>Category XVIII</i>	(f) Technical data	5	\$	100
	Category Total	5	\$	100
	Country Total Authorized	1,253,524	\$	499,015,531
	Country Total Shipped		\$	152,818,200

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		\$	695

SERBIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	*(a) Nonautomatic and semi-automatic firearms	214	\$	117,580

Country

Quantity

Value

**SERBIA
(Continued)**

<i>Category 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		\$	113,012

SIERRA LEONE

<i>Category XI</i>		Military Electronics			
	* (a)(5)	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
	<i>Country Total Shipped</i>		\$	9,450

SINGAPORE

<i>Category I</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
<i>Category II</i>	Guns and Armament			
	*(a) Guns over caliber .50	1	\$	21,125,226
	(h) Test and evaluation equipment	1	\$	20
	(j) Components, parts and associated equipment	421	\$	121,816
	Category Total	423	\$	21,247,062
<i>Category III</i>	Ammunition/Ordnance			

	* (a)	Ammunition/ordnance for Categories I & II articles	2,433,525	\$	3,321,838
	(d)(3)	All other components, parts and associated equipment	3,025,504	\$	194,095
	(e)	Technical data	38	\$	29,930
		Category Total	5,459,067	\$	3,545,863
<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)	124	\$	1,483,572

Country

Quantity

Value

**SINGAPORE
(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	29	\$	1,855
	(h)	Components, parts and associated equipment	18,157	\$	3,988,349
	(i)	Technical data	11	\$	7,900
		Category Total	18,321	\$	5,481,676
<i>Category V</i>		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	* (b)	Propellants	135,366	\$	860,928
	(h)	Technical data	2	\$	200
		Category Total	135,368	\$	861,128

<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	\$	406,120
	(f) Components, parts and associated equipment	7,906	\$	1,173,083
	(g) Technical data	36	\$	92,670
	Category Total	7,944	\$	1,671,873
<i>Category VII</i>	Tanks and Military Vehicles Military trucks, trailers, hoists and skids specifically designed, modified or equipped to mount or carry weapons	24	\$	834,250
	(g) Components, parts and associated equipment	339,681	\$	3,772,865
	(h) Technical data	687	\$	3,628,901
	Category Total	340,392	\$	8,236,016
<i>Category VIII</i>	Aircraft and Associated Equipment Aircraft, including but not limited to helicopters, non- expansive balloons, drones and lighter-than- air aircraft	27	\$	3,695,060,701
	* (b) Military aircraft engines	23	\$	55,837,523

Country

Quantity

Value

**SINGAPORE
(Continued)**

<i>Category VIII (continued)</i>	Aircraft and Associated Equipment Launching and recovery equipment for the articles in (a)	8	\$	151,320
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading	25	\$	9,979,968

Reference Systems

	(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			
		Electronic systems or subsystems for use in surveillance and			
	* (b)	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
		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
<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	5	\$	438,000
	* (b)	Lasers	404	\$	318,766
		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
	* (c)				

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
* (d)	except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	28	\$	1,090,542
(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. Photointerpretation,			
(a)	stereoscopic plotting and photogrammetry equipment and components	200	\$	14,043
(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	20	\$	187,890
(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	18	\$	9,472
(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	742	\$	113,957
(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
	Components, parts, and associated equipment specifically designed or * (f) modified for military operations and compatibility with military equipment	1,172	\$	1,051,322
	Medical countermeasures specifically designed or modified for use with the chemical agents listed in (h) (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 Ground control stations for telemetry, tracking and control of spacecraft or satellites, or (b) 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

	Components, parts, and associated equipment specifically designed or modified for the systems			
	(e) 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		\$	119,616,416

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)**

*Category III
(continued)*

Ammunition/Ordnance

	(d)(3)	All other components, parts and associated equipment	890,000	\$	22,050
<i>Category VII</i>		Category Total Tanks and Military Vehicles	6,227,250	\$	482,687
	(h)	Technical data	2	\$	20,000
<i>Category VIII</i>		Category Total Aircraft and Associated Equipment	2	\$	20,000
	(h)	Components, parts and associated equipment	4	\$	1,988
<i>Category X</i>		Category Total Protective Personnel Equipment and Shelters	4	\$	1,988
	(e)	Technical data	1	\$	45,000
<i>Category XI</i>		Category Total Military Electronics Command, control and communications systems to include radios (transceivers), navigation and identification equipment	1	\$	45,000
	*(a)(5)	Components, parts and associated equipment	2	\$	205,129
	(c)	Technical data	27	\$	75,697
	(d)	Technical data	400	\$	168,000
<i>Category XII</i>		Category Total Fire Control, Range Finder, Optical and Guidance and Control Equipment	429	\$	448,826
	*(b)	Lasers 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	45	\$	45,705
	*(c)	Components, parts and associated equipment	9	\$	65,036
	(e)	Technical data	360	\$	59,400

(f)	Technical data	3	\$	150
	Category Total	417	\$	170,291

<i>Country</i>		Quantity		Value
SLOVAKIA <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	15	\$	83,989
	(f)			
	Technical data	1	\$	1
	Category Total	16	\$	83,990
	Country Total Authorized	6,239,979	\$	2,234,638
	Country Total Shipped		\$	470,489

SLOVENIA

<i>Category I</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
<i>Category II</i>	Guns and Armament			
	(j) Components, parts and associated equipment	24	\$	15,000
	Category Total	24	\$	15,000
<i>Category III</i>	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
<i>Category IV</i>		Category Total Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines	68,186	\$	571,384
	(h)	Components, parts and associated equipment	93	\$	2,604
<i>Category VII</i>		Category Total Tanks and Military Vehicles	93	\$	2,604
	(g)	Components, parts and associated equipment	24	\$	33,339
		Country			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
<i>Category XI</i>		Category Total Military Electronics Command, control and communications systems	8,030	\$	2,811,421
	*(a)(5)	to include radios (transceivers), navigation and identification equipment	14	\$	476,590

	Electronic systems or subsystems for use in surveillance and			
	* (b) 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
	* (c) 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 Global positioning System (GPS) receiving equipment	(c)	110	\$	209,000
	Category Total		110	\$	209,000
	Country Total Authorized		79,769	\$	6,368,248
	Country Total Shipped			\$	1,886,625

SOMALIA

<i>Category XI</i>	Military Electronics Components, parts and associated equipment	(c)	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				
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	* (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
	(h)	Components, parts and associated equipment	1,637	\$	177,493
		Category Total	1,639	\$	631,939
<i>Category VI</i>		Vessels of War and Special Naval Equipment			
	(g)	Technical data	2	\$	32,000,100
		Category Total	2	\$	32,000,100
<i>Category VII</i>		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	1,816	\$	17,602,798
	(h)	Technical data	16	\$	35,193,740
		Category Total	1,832	\$	52,796,538
<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	\$	1,435,000
	(h)	Components, parts and associated equipment	151,624	\$	17,428,018

	(i)	Technical data	64	\$	212,344
		Category Total	151,690	\$	19,075,362
<i>Category IX</i>		Military Training Equipment and Training			
	(a)	Training equipment	2	\$	240,000
	(d)	Components, parts and associated equipment	15	\$	3,978
		Country			
			Quantity		Value
		SOUTH AFRICA			
		(Continued)			
<i>Category IX (continued)</i>		Military Training Equipment and Training			
	(e)	Technical data	6	\$	3,000
		Category Total	23	\$	246,978
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(d)	Components, parts and associated equipment	32	\$	1,248
		Category Total	32	\$	1,248
<i>Category XI</i>		Military Electronics Command, control and communications systems to include radios (transceivers), navigation and identification equipment	39	\$	764,712
	* (a)(5)	Electronic systems or subsystems for use in surveillance and			
	* (b)	electronic systems or equipment designed to counteract electronic surveillance	9	\$	74,278
	(c)	Components, parts and associated equipment	1,109	\$	4,236,519
	(d)	Technical data	24	\$	8,806
		Category Total	1,181	\$	5,084,315
<i>Category XII</i>		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	* (b)	Lasers	11	\$	21,851

	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	\$	4,875
	* (c) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
	* (d) except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	119	\$	533,144
	(e) Components, parts and associated equipment	177	\$	1,027,207
Country		Quantity		Value
SOUTH AFRICA				
(Continued)				
<i>Category XII</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
<i>(continued)</i>				
	(f) Technical data	8	\$	2,548
	Category Total	316	\$	1,589,625
<i>Category XIII</i>	Auxiliary Military Equipment			
	Armor and reactive armor and components,			
	(e) 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			

		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 Ground control stations for telemetry, tracking and control of spacecraft or satellites, or			
	(b)	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

<i>Country</i>		Quantity	Value
<i>SOUTH AFRICA</i>			
<i>(Continued)</i>			
<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	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		\$	13,228,465

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			
	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,			
	(c) 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 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 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	14	\$	5,077,853

	subchapter			
	(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

<i>Country</i>		Quantity		Value
<i>SOUTH KOREA</i>				
<i>(Continued)</i>				
<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 instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	26	\$	215,617,846
	* (a)			
	* (b) Lasers	5,145	\$	53,407,938
	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	1,568	\$	15,682,551
	* (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	2,807	\$	19,084,523
	(e) Components, parts and associated equipment	59,626	\$	29,724,410
	(f) Technical data	652	\$	56,597
	Category Total	69,824	\$	333,573,865

Category XIII

	Auxiliary Military Equipment Cameras and specialized processing equipment. Photointerpretation,			
(a)	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

<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d) Tear gases and riot control agents	1,190	\$	59,880
	Components, parts, and associated equipment specifically designed or *(f) 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 Spacecraft, including communications satellites, remote sensing satellites, scientific *(a) satellites, research satellites, navigation satellites, experimental and multi-mission satellites	5	\$	4,001,250
	(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	\$	7,920
	(c) Global positioning System (GPS) receiving equipment	11	\$	204,818

	Components, parts, and associated equipment specifically designed or modified for the systems			
	(e) or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	2,720	\$	4,880,170
	(f) Technical data	128	\$	185,418
	Category Total	2,866	\$	9,279,576
<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment			
	(c) Components, parts and associated equipment	9	\$	2,686
	(d) Technical data	1	\$	6,210
	Category Total	10	\$	8,896
	Country Total Authorized	13,160,648	\$	1,938,756,849
	Country Total Shipped		\$	266,621,766

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			
	*(g) 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			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	17	\$	467,172
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	116	\$	808,407
	(h)	Components, parts and associated equipment	6,732	\$	3,147,349
	(i)	Technical data	41	\$	1,251,301
		Category Total		\$	5,674,229

6,906

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

	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 Simulation devices for the items covered by this subchapter	48	\$	177,283
	Country			Quantity
				Value
	SPAIN (Continued)			
<i>Category IX</i> <i>(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

<i>Country</i>		Quantity		Value
<i>SPAIN</i>				
<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	20	\$	932,000

	(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
SPAIN				
<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		\$	59,407,139

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 equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	51	\$	206,940
	(c)			
	Components, parts and associated equipment	8	\$	196,807
	(e)			
	Category Total Auxiliary Military Equipment	59	\$	403,747
<i>Category XIII</i>				
	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	6	\$	23,100
	(b)			

<i>Country</i>		Quantity		Value
SRI LANKA				
(Continued)				
<i>Category XIII (continued)</i>	Auxiliary Military Equipment			
	(l) Technical data	10	\$	50
	Category Total	16	\$	23,150
	Country Total Authorized	471	\$	767,629
	Country Total Shipped		\$	21,817

ST KITTS AND NEVIS				
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns			
	(a) Nonautomatic and semi-automatic firearms	76	\$	42,370
	Category Total	76	\$	42,370
<i>Category III</i>	Ammunition/Ordnance			
	(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
	<i>Country Total Shipped</i>		\$	55,065

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 Ammunition/ordnance for Categories I & II articles			
	*(a)	315,000	\$	82,150
	Category Total	315,000	\$	82,150
	Country Total Authorized	315,063	\$	99,973
	<i>Country Total Shipped</i>		\$	17,903

**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		\$	7,968

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		\$	218,211

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			
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	27	\$	112,461

	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

<i>Country</i>		Quantity	Value
SWEDEN			
<i>(Continued)</i>			
<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			
	*(d) 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			
	(b) Systems and equipment, cryptographic devices, software and components	40	\$	5,000
	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are			
	(d) reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	6	\$	6
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	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

<i>Category XVI</i>	Nuclear Weapons, Design and Testing Related Items Nuclear radiation * (c) detection and measurement devices	9	\$	10,710
	Category Total	9	\$	10,710

<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment Submersible vessels, manned or unmanned, tethered or untethered, * (a) designed or modified for military purposes, or powered by nuclear propulsion plants	2	\$	1,363,759
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Country

Quantity

Value

**SWEDEN
(Continued)**

<i>Category XX (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		\$	50,690,803

SWITZERLAND

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns * (a) Nonautomatic and semi- automatic firearms Silencers, mufflers and * (e) sound and flash suppressors (f) Riflescopes Barrels, cylinders, * (g) receivers and complete breech mechanisms	3,306	\$	2,086,106
		10	\$	100
		6	\$	2,928
		1,873	\$	410,387

	(h)	Components, parts and associated equipment	8,847	\$	431,568
	(i)	Technical data	3,004	\$	3,800
<i>Category II</i>		Category Total Guns and Armament	17,046	\$	2,934,889
	(g)	Tooling and equipment	1	\$	1,000
	(j)	Components, parts and associated equipment	6	\$	253,587
<i>Category III</i>		Category Total Ammunition/Ordnance	7	\$	254,587
	* (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
<i>Category V</i>		Category Total Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents	17,150,595	\$	2,941,332
	* (a)	Explosives	600	\$	13,200
	* (b)	Propellants	1,363	\$	15,105
	(c)	Pyrotechnics, fuels and related substances	28	\$	4,292
		Country			Quantity
					Value
		SWITZERLAND			
		<i>(Continued)</i>			
<i>Category V</i> <i>(continued)</i>		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(h)	Technical data	2	\$	150
<i>Category VI</i>		Category Total Vessels of War and Special Naval Equipment	1,993	\$	32,747

	(f)	Components, parts and associated equipment	1	\$	8,272,372
	(g)	Technical data	2	\$	1,001
<i>Category VII</i>		Category Total Tanks and Military Vehicles	3	\$	8,273,373
	(g)	Components, parts and associated equipment	4,681	\$	1,027,663
	(h)	Technical data	11	\$	5,100
<i>Category VIII</i>		Category Total Aircraft and Associated Equipment Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	4,692	\$	1,032,763
	* (e)		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 Military Training Equipment and Training	105,613	\$	26,422,386
	(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 Protective Personnel Equipment and Shelters	224	\$	25,159,781
	(a)	Protective personnel equipment	327	\$	2,341,154
	(d)	Components, parts and associated equipment	247	\$	31,722
		Category Total	574	\$	2,372,876

Country

Quantity

Value

SWITZERLAND
(Continued)

<i>Category XI</i>	Military Electronics Electronic systems or subsystems for use in surveillance and			
	* (b) 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			
	* (c)	2,766	\$	1,797,036
	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
	* (d) except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	16	\$	24,835
	(e) Components, parts and associated equipment	618	\$	1,338,941
	(f) Technical data	5	\$	702
	Category Total	3,405	\$	3,161,514
<i>Category XIII</i>	Auxiliary Military Equipment			
	(g) Concealment and deception equipment	36	\$	12,359

(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	330	\$	16,385
(l)	Technical data	2	\$	100
	Category Total	368	\$	28,844

<i>Country</i>		Quantity		Value
SWITZERLAND <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	30	\$	1,500
	Category Total	30	\$	1,500
<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.	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		\$	11,786,787

TAIWAN

<i>Category I</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
<i>Category II</i>	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)			
<i>Category III</i>	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	50	\$	160,000

	systems			
	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
	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	16	\$	1,000,705
	Components, parts and associated equipment	25,147	\$	1,080,142
	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			
	Pyrotechnics, fuels and related substances	25	\$	2,600
	Category Total	25	\$	2,600
<i>Category VI</i>	Vessels of War and Special Naval Equipment			
	Components, parts and associated equipment	1,820	\$	290,178
	Technical data	10	\$	33,840
	Category Total	1,830	\$	324,018
<i>Category VII</i>	Tanks and Military Vehicles			
	Components, parts and associated equipment	11,726	\$	774,607
	Technical data	27	\$	532,166
	Category Total	11,753	\$	1,306,773
<i>Category VIII</i>	Aircraft and Associated Equipment			
	Components, parts and associated equipment	79,756	\$	95,023,651
	Technical data	256	\$	95,436
	Category Total	80,012	\$	95,119,087

<i>Category IX</i>		Military Training Equipment and Training Simulation devices for			
	(b)	the 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
		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			
	* (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	\$	162,100

<i>Country</i>	*(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	3	\$	17,040
	Quantity	Value			
TAIWAN <i>(Continued)</i>					
<i>Category XII</i> <i>(continued)</i>	Fire Control, Range Finder, Optical and Guidance and Control Equipment				
	(e)	Components, parts and associated equipment	620	\$	943,021
	(f)	Technical data	29	\$	20,105
		Category Total Auxiliary Military Equipment	654	\$	1,142,266
<i>Category XIII</i>	Cameras and specialized processing equipment. Photointerpretation, stereoscopic plotting and photogrammetry equipment and components				
	(a)	stereoscopic plotting and photogrammetry equipment and components	35	\$	6,742
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components Armor and reactive armor and components,	1	\$	4,160
	(e)	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
	(l)	Technical data	8	\$	68,600
		Category Total	986	\$	144,803

<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)	3	\$	97,567
	Technical data	(m)	5	\$	130
	Category Total		8	\$	97,697

<i>Country</i>			<i>Quantity</i>		<i>Value</i>
<i>TAIWAN</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)	17	\$	1,589,728
	Technical data	(f)	19	\$	71,999
	Category Total		36	\$	1,661,727
	Country Total Authorized		8,663,689	\$	238,126,652
	Country Total Shipped			\$	45,315,670

<i>TANZANIA,</i> <i>UNITED</i> <i>REPUBLIC OF</i>					
<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns				

	* (a)	Nonautomatic and semi-automatic firearms	3	\$	1,125
<i>Category III</i>		Category Total	3	\$	1,125
	* (a)	Ammunition/Ordnance Ammunition/ordnance for Categories I & II articles	10,200	\$	1,235
<i>Category IV</i>		Category Total Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines	10,200	\$	1,235
	(i)	Technical data	9	\$	9,000
<i>Category XII</i>		Category Total 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	9	\$	9,000
	* (c)		4	\$	1,674,084

<i>Country</i>			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		\$	1,125

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	8	\$	82,000
	Category Total	10,615	\$	2,226,720

<i>Country</i>		Quantity		Value
THAILAND <i>(Continued)</i>				
<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)	3	\$	760,359
	* (b)	6	\$	1,500,000
	(h)	128,975	\$	97,671,491
	(i)	15	\$	209,157
	Category Total	128,999	\$	100,141,007
<i>Category IX</i>	Military Training Equipment and Training			
	(a)	18	\$	262,668
	(d)	292	\$	454,870
	(e)	1	\$	100
	Category Total	311	\$	717,638
<i>Category X</i>	Protective Personnel Equipment and Shelters			
	(a)	46	\$	99,443
	(b)	2	\$	44,806
	(c)	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
	* (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

Country

Quantity

Value

**THAILAND
(Continued)**

*Category XI
(continued)*

		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

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
	*(d) 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	5,517	\$	1,504,270
	(f) Technical data	88	\$	9,133
	Category Total Auxiliary Military Equipment	6,794	\$	11,940,295
<i>Category XIII</i>				
	(b) Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	13	\$	50,665
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	3,456	\$	15,721
	(l) Technical data	12	\$	686
	Category Total Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment	3,481	\$	67,072
<i>Category XIV</i>				
	(d) Tear gases and riot control agents	40	\$	906
Country		Quantity		Value
THAILAND				
(Continued)				
<i>Category XIV</i> <i>(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	9,688	\$	361,475
	(m) Technical data	2	\$	200
	Category Total	9,730	\$	362,581
<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.	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		\$	36,488,806

TOGO

<i>Category XXI</i>	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

<i>Category I</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					
<i>(Continued)</i>					
<i>Category II</i>		Guns and Armament			
	(j)	Components, parts and associated equipment	5	\$	2,250
		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

Country

Quantity

Value

TRINIDAD AND TOBAGO
(Continued)

Category XI

		Military Electronics Command, control and communications systems to include radios (transceivers), navigation and identification equipment	10	\$	66,385
	* (a) (5)	Electronic systems or subsystems for use in surveillance and			
	* (b)	electronic systems or equipment designed to counteract electronic surveillance	155	\$	2,248,360
	(c)	Components, parts and associated equipment	88	\$	498,685
	(d)	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			
	* (b)	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	* (c)	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	(d)	1,210	\$	26,027
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	* (f)	6,602	\$	33,409
	Category Total		7,812	\$	59,436
	Country Total Authorized		3,228,605	\$	6,836,379
	Country Total Shipped			\$	4,104,113

Country

Quantity

Value

TUNISIA

<i>Category I</i>	Firearms, Close Assault Weapons and Combat Shotguns				
	Nonautomatic and semi-automatic firearms	* (a)	210	\$	476,462
	Riflescopes	(f)	4	\$	11,300
	Components, parts and associated equipment	(h)	1,032	\$	31,257
	Category Total		1,246	\$	519,019
<i>Category III</i>	Ammunition/Ordnance				
	Ammunition/ordnance for Categories I & II articles	* (a)	100	\$	32,500

	Category Total	100	\$	32,500
<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	6	\$	7,596
	*(a) (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
	Category Total	802	\$	20,826,173
<i>Category IX</i>	Military Training Equipment and Training			
	(e) Technical data	10	\$	1,000
	Category Total	10	\$	1,000
<i>Category XI</i>	Military Electronics Command, control and communications systems to include radios (transceivers), navigation and identification equipment			
	*(a)(5) (c) Components, parts and associated 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

Country

Quantity

Value

**TUNISIA
(Continued)**

Category XII

Fire Control, Range Finder, Optical and Guidance and Control

Equipment

*(b)	Lasers	62	\$	99,158
	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second			
*(c)	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		\$	1,654,050

TURKEY

Category 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

Category II

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			
	* (b) Military tanks, combat engineer vehicles, bridge launching vehicles, half- tracks and gun carriers	4	\$	1,121,992
	* (f) Engines specifically designed or modified for the vehicles in (a), (b) and (e)	5	\$	190,000
	(g) Components, parts and associated equipment	17,841	\$	6,726,087
	(h) Technical data	4,222	\$	455,165
	Category Total	22,072	\$	8,493,244
<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	\$	131,134,066

	* (c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	605	\$	6,401,081
	* (e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	101	\$	1,253,314
	(h)	Components, parts and associated equipment	342,859	\$	688,382,017
	(i)	Technical data	1,277	\$	17,534,350
		Category Total	344,846	\$	844,704,828
<i>Category IX</i>		Military Training Equipment and Training			
	(a)	Training equipment	27	\$	1,381,710
	(d)	Components, parts and associated equipment	350	\$	554,879
	(e)	Technical data	136	\$	322,295
		Category Total	513	\$	2,258,884
<i>Category X</i>		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	1,808	\$	383,426
	(c)	Tooling and equipment	155	\$	104,340
	(d)	Components, parts and associated equipment	2,499	\$	518,161
		Category Total	4,462	\$	1,005,927

Country

Quantity

Value

**TURKEY
(Continued)**

Category XI

		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 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
	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	81	\$	21,181,560

Category XII

Country

Quantity

Value

TURKEY
(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	296	\$	3,102,024
	* (c) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
	* (d) except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	559	\$	1,555,424
	(e) Components, parts and associated equipment	7,064	\$	3,914,190
	(f) Technical data	200	\$	5,092
	Category Total	8,203	\$	34,633,290
<i>Category XIII</i>	Auxiliary Military Equipment			
	Cameras and specialized processing equipment. Photointerpretation,			
	(a) stereoscopic plotting and photogrammetry equipment and components	52	\$	268,600
	Military Information Security Assurances			
	(b) Systems and equipment, cryptographic devices, software and components	25	\$	217,564
	(c) Self-contained diving and underwater breathing apparatus	1,058	\$	678,434
	Armor and reactive armor and components, parts and accessories not elsewhere controlled by	108	\$	83,767

this subchapter

	(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>		Auxiliary Military Equipment			
<i>(continued)</i>		Hardware and equipment that is associated with the measurement or modification of system signatures for detection of defense articles			
	* (j)		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
	* (f)	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			
(e)	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		\$	71,018,022

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

Category XII

	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	\$	35,326

	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems			
* (d)	except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	2	\$	312,000
(e)	Components, parts and associated equipment	2	\$	12,722
	Category Total	6	\$	360,048
	Country Total Authorized	1,008	\$	367,398
	Country Total Shipped		\$	320,350

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

<i>Country</i>		Quantity		Value
TURKS AND CAICOS ISLANDS (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	* (a)	3	\$	4,622
	Category Total		3	\$	4,622
<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	\$	7,308
	Category Total		30	\$	7,308
	Country Total Authorized		50,212	\$	68,864
	Country Total Shipped			\$	46,219
 UGANDA					
<i>Category VIII</i>	Aircraft and Associated Equipment				
	Components, parts and associated equipment	(h)	2,002	\$	6,000,000
	Category Total		2,002	\$	6,000,000
<i>Category X</i>	Protective Personnel Equipment and Shelters				
	Protective personnel equipment	(a)	12	\$	2,856
	Category Total		12	\$	2,856
<i>Category XI</i>	Military Electronics				
	Components, parts and associated equipment	(c)	14	\$	114,775
	Technical data	(d)	3	\$	11,550
	Category Total		17	\$	126,325
	Country Total Authorized		2,031	\$	6,129,181
	Country Total Shipped			\$	78,538

<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	1	\$	100
<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

<i>Country</i>		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			
	* (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	34	\$	544,000
	* (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	1	\$	39,100

military accelerometers
and gyros

(e)	Components, parts and associated equipment	10	\$	50,000
(f)	Technical data	10	\$	5,000
	Category Total	55	\$	638,100
<i>Category XIV</i>				
	Category Total 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	2,086	\$	193,329
	Category Total	2,086	\$	193,329

<i>Country</i>		Quantity		Value
UKRAINE				
(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.			
(f)	Technical data			
	Category Total			
	Country Total		\$	3,529,979

		Authorized	3,155,063		
		Country Total Shipped		\$	1,832,791
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					
<i>(Continued)</i>					

<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

	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
Country		Quantity		Value
UNITED ARAB EMIRATES (Continued)				
<i>Category IX</i>	Military Training Equipment and Training			
	(a) Training equipment	101	\$	40,000,010
	(b) Simulation devices for the 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

	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			
	* (d) 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 Auxiliary Military Equipment	1,693	\$	43,274,944
<i>Category XIII</i>				
	Military Information Security Assurances			
	(b) 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			
(d)	reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	1	\$	200
	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	18	\$	5,949
(h)	Hardware and equipment that is associated with the measurement or modification of system signatures for detection of defense articles	700	\$	247,800
* (j)				
(l)	Technical data	1	\$	100
	Category Total	852	\$	341,238
	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
<i>Category XIV</i>				
(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
* (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)	150,000	\$	2,835,000
(h)				
(m)	Technical data	4	\$	400
	Category Total	168,446	\$	2,964,890

<i>Country</i>		Quantity	Value
UNITED ARAB EMIRATES			
<i>(Continued)</i>			
<i>Category XV</i>	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
	* (a)		
	(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 Directed Energy Weapons	1,211	\$ 4,813,407
<i>Category XVIII</i>	(f) Technical data	30	\$ 300
	Category Total	30	\$ 300
	Country Total Authorized	1,592,341	\$ 1,090,485,318
	Country Total Shipped		\$ 215,516,721
 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		\$ 18,274

		28		
	* (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			

	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
	Launch vehicles and missile and anti-missile systems	260	\$	20,486,000
	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
	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	590	\$	242,762
	Components, parts and associated equipment	2,412,742	\$	73,743,938
	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			
	Explosives	58,297	\$	1,203,285
	Country	Quantity		Value
	UNITED KINGDOM			
	(Continued)			
<i>Category V</i> <i>(continued)</i>	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	Pyrotechnics, fuels and related substances	43,918	\$	2,550,408
	Oxidizers	125,556	\$	1,477,295
	Binders	2,065	\$	19,493
	Additives	400	\$	30,000
	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
	(g) Technical data	2,793	\$	1,912,663
	Category Total	75,948	\$	22,826,703
<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	338	\$	155,212,368
	* (b) Military tanks, combat engineer vehicles, bridge launching vehicles, half- tracks and gun carriers	3	\$	70,000
	* (f) Engines specifically designed or modified for the vehicles in (a), (b) and (e)	7	\$	182,988
	(g) Components, parts and associated equipment	577,481	\$	55,130,720
	(h) Technical data	95,325	\$	8,710,573
	Category Total	673,154	\$	219,306,649

Country

Quantity

Value

**UNITED
KINGDOM
(Continued)**

Category VIII

Aircraft and Associated
Equipment

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

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	7	\$	10,075,000
* (a)				
* (b)	Lasers	2,104	\$	41,928,172

Country

Quantity

Value

**UNITED KINGDOM
(Continued)**

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)				
* (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	3,716	\$	36,820,852
(e)	Components, parts and associated equipment	639,574	\$	95,995,634

	(f)	Technical data	4,539	\$	657,281
		Category Total	660,789	\$	324,146,568
<i>Category XIII</i>		Auxiliary Military Equipment			
		Cameras and specialized processing equipment. Photointerpretation,			
	(a)	stereoscopic plotting and photogrammetry equipment and components	5	\$	33,680
		Military Information Security Assurances			
	(b)	Systems and equipment, cryptographic devices, software and components	732	\$	29,895,683
	(c)	Self-contained diving and underwater breathing apparatus	19	\$	2,751,891
		Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are			
	(d)	reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	144	\$	447,206
		Armor and reactive armor and components,			
	(e)	parts and accessories not elsewhere controlled by this subchapter	83,043	\$	1,091,168
		Country			Quantity
					Value
		UNITED KINGDOM			
		(Continued)			
<i>Category XIII (continued)</i>		Auxiliary Military Equipment			
	(f)	Structural materials	21	\$	37,929
		Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	17,484	\$	825,713
	(h)				
	(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			
	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	875,778	\$	35,059,898
	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
	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 Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites	3	\$	446,087,553
	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 (continued)</i>	Spacecraft Systems and Associated Equipment Global positioning System (GPS) receiving equipment	(c)	248	\$	1,249,310
	Radiation-hardened microelectronics 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.	(d) (e)	180	\$	81,729
	Technical data	(f)	13,251	\$	17,194,404
	Category Total Nuclear Weapons, Design and Testing Related Items		1,755	\$	1,346,580
<i>Category XVI</i>	Components, parts and associated equipment	(d)	15,487	\$	469,459,576
	Technical data	(e)	59	\$	2,078,892
	Category Total Directed Energy Weapons		2	\$	110
<i>Category XVIII</i>	Technical data	(f)	61	\$	2,079,002
	Category Total		1	\$	1
<i>Category XX</i>	Submersible Vessels, Oceanographic and Associated Equipment		1	\$	1
	Components, parts and associated equipment	(c)	229,050	\$	3,027,590
	Technical data	(d)	6	\$	22,200
	Category Total		229,056	\$	3,049,790
<i>Category XXI</i>	Miscellaneous Articles				
	Technical data	(b)	2	\$	72,000
	Category Total		2	\$	72,000
	Country Total			\$	3,478,943,834

		Authorized	276,070,458		
		Country Total Shipped		\$	855,440,625
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
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

<i>Category X</i>	Category Total	12	\$	982,501
	Protective Personnel Equipment and Shelters			
	(a) Protective personnel equipment	2	\$	2,677
<i>Category XI</i>	Category Total	2	\$	2,677
	Military Electronics			
	(c) Components, parts and associated equipment	22	\$	43,439
	Category Total	22	\$	43,439

<i>Country</i>		Quantity	\$	Value
<i>URUGUAY</i>				
<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	1	\$	304,000
	(c)			
	Category Total	1	\$	304,000
	Country Total Authorized	15,932,679	\$	2,679,308
	Country Total Shipped		\$	678,576

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	20	\$	20,000
	(a)(6)			
	(c) Components, parts and associated equipment	235	\$	66,207
	(d) Technical data	6,625	\$	38,296,986
	Category Total	6,880	\$	38,383,193
<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	2	\$	2,000
(c)				
(e)	Components, parts and associated equipment	133	\$	13,300
(f)	Technical data	1,240	\$	285,298
	Category Total	1,375	\$	300,598

<i>Country</i>		Quantity		Value
VARIOUS (Continued)				
<i>Category XIII</i>	Auxiliary Military Equipment			
	Military Information Security Assurances			
(b)	Systems and equipment, cryptographic devices, software and components	16	\$	1,600
(l)	Technical data	64	\$	1,400,386
	Category Total	80	\$	1,401,986
<i>Category XIV</i>	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
(m)	Technical data	7	\$	700
	Category Total	7	\$	700
<i>Category XV</i>	Spacecraft Systems and Associated Equipment			
(f)	Technical data	46,686	\$	18,682,713
	Category Total	46,686	\$	18,682,713
<i>Category XVIII</i>	Directed Energy Weapons			
(f)	Technical data	22	\$	41,100
	Category Total	22	\$	41,100

<i>Category XX</i>	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
	<i>Country Total Shipped</i>		\$	-

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 Aircraft, including but not limited to helicopters, non- expansive balloons, drones and lighter-than- air aircraft			
	* (a)	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 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			
	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		\$	2,306,797

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		\$	4,625

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			
	(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		\$	2,084,302

<i>Country</i>		Quantity		Value
YUGOSLAVIA				
<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		\$	-
ZAIRE				
<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		\$	-
ZAMBIA				
<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			

	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	4	\$	2,400,000
*(a)				
(h)	Components, parts and associated equipment	14	\$	842,500
	Category Total	18	\$	3,242,500
	Country Total Authorized	183	\$	3,266,962
	<i>Country Total Shipped</i>		\$	1,510,093

<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
	<i>Country Total Shipped</i>		\$	-
	Global Total Authorized	2,957,108,671		\$35,972,597,420
	<i>Global Total Shipped</i>			\$ 5,220,350,644

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>	<i>\$ 22,735,537</i>
 <i>Albania</i>		
	XI	\$ 100,000
	<i>Albania Total Services</i>	<i>\$ 100,000</i>
 <i>Algeria</i>		
	VIII	\$ 20,000,000
	XI	\$ 11,641,046
	XI & XIII	\$ 201,136
	<i>Algeria Total Services</i>	<i>\$ 31,842,182</i>
 <i>Angola</i>		
	XI	\$ 100,000
	<i>Angola Total Services</i>	<i>\$ 100,000</i>
 <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>	<i>\$ 5,864,500</i>
 <i>Armenia</i>		

XI	\$	100,000
<i>Armenia Total Services</i>	\$	<i>100,000</i>

Australia

I & II	\$	35,700,000
I, II, IV & VII	\$	450,000

Country	Category(ies)	Value
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Australia (continued)

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>	\$	<i>5,573,671,627</i>

Austria

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
Country	Category(ies)		Value
<i>Bahrain (continued)</i>			
	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

Belize

XI	\$	470,085
<i>Belize Total Services</i>	\$	470,085

Bolivia

IX	\$	810,240
XI	\$	225,000
<i>Bolivia Total Services</i>	\$	1,035,240

Botswana

VIII & XI	\$	6,000,000
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Country	Category(ies)	Value
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Botswana (continued)

XI	\$	100,000
<i>Botswana Total Services</i>	\$	6,100,000

Brazil

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

British Virgin Islands

IX	\$	1,458,000
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	<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
Country	Category(ies)	Value
	<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

Country	Category(ies)	Value
<i>Canada (continued)</i>		
	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
<i>Cayman Islands Total Services</i>	\$	52,904,960

Chile

VIII	\$	78,707,819
XI	\$	24,100,000
XII	\$	16,500,000
<i>Chile Total Services</i>	\$	119,307,819

China

XV	\$	1,100,000
<i>China Total Services</i>	\$	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

Country

Category(ies)

Value

Colombia (continued)

IX, X & XII	\$	871,075
X, XI & XII	\$	1,446,792
XI	\$	17,986,000
XII	\$	14,500,000
<i>Colombia Total Services</i>	\$	151,883,085

Costa Rica

VIII	\$	650,000
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XI	\$	4,227,000
XI & XII	\$	1,110,000
XV	\$	70,000
<i>Costa Rica Total Services</i>	\$	<i>6,057,000</i>

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>

Denmark

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>

Country

Category(ies)

Value

Dominican Republic

VIII	\$	150,000
XI	\$	2,250,000
<i>Dominican Republic Total Services</i>	\$	<i>2,400,000</i>

Ecuador

XI	\$	335,000
XI & XV	\$	117,000
<i>Ecuador Total Services</i>	\$	452,000

Egypt

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>	\$	176,110,184

El Salvador

VIII	\$	5,110,000
<i>El Salvador Total Services</i>	\$	5,110,000

Estonia

XI	\$	2,000,000
XII	\$	2,635,185
<i>Estonia Total Services</i>	\$	4,635,185

Ethiopia

VIII	\$	15,000,000
<i>Ethiopia Total Services</i>	\$	15,000,000

Country

Category(ies)

Value

Finland

VIII	\$	64,986,247
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VIII & XIII	\$ 17,500,000
XI	\$ 57,366,000
Finland Total Services	\$ 139,852,247

France

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

Country	Category(ies)	Value
<i>Germany (continued)</i>		
	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
 <i>Greece</i>		
	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

Country	Category(ies)	Value
<i>Honduras</i>		
	XIII	\$ 39,000,000
	<i>Honduras Total Services</i>	\$ 39,000,000
<i>Hong Kong</i>		
	IV & XV	\$ 2,000,000
	XV	\$ 35,061,850
	<i>Hong Kong Total Services</i>	\$ 37,061,850
<i>Hungary</i>		
	I, II, III, VII, XII & XIII	\$ 320,000
	XI	\$ 100,000
	XII	\$ 7,931,000
	XIII	\$ 49,462
	<i>Hungary Total Services</i>	\$ 8,400,462
<i>India</i>		
	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
Country	Category(ies)	Value
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

Country	Category(ies)	Value
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Israel (continued)

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>	<i>\$ 1,709,218,009</i>

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

Country	Category(ies)	Value
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
<i>Japan Total Services</i>	<i>\$21,830,821,662</i>

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

Country	Category(ies)	Value
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Jordan (continued)

XV	\$ 5,000,000
<i>Jordan Total Services</i>	<i>\$ 141,704,864</i>

Kenya

XI	\$ 750,000
<i>Kenya Total Services</i>	<i>\$ 750,000</i>

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
<i>Kuwait Total Services</i>	<i>\$ 132,510,000</i>

Latvia

XV	\$	3,000,000
<i>Latvia Total Services</i>	\$	3,000,000

Lebanon

VII	\$	2,000,000
VIII	\$	4,270,000
VIII & XI	\$	1,552,000
<i>Lebanon Total Services</i>	\$	7,822,000

Libya

VIII	\$	13,609,551
<i>Libya Total Services</i>	\$	13,609,551

Liechtenstein

XI	\$	16,750,000
<i>Liechtenstein Total Services</i>	\$	16,750,000

Country

Category(ies)

Value

Luxembourg

IV	\$	34,216,900
XI	\$	3,700,000
XIII	\$	3,000,000
<i>Luxembourg Total Services</i>	\$	40,916,900

Malaysia

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**

Mexico

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

Country	Category(ies)	Value
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Mexico (continued)

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
	<i>Mexico Total Services</i>	\$ 1,676,232,550
 <i>Moldova</i>		
	XI	\$ 100,000
	<i>Moldova Total Services</i>	\$ 100,000
 <i>Montenegro</i>		
	I, II, III, IV, VII, IX & XXI	\$ 2,800,000
	<i>Montenegro Total Services</i>	\$ 2,800,000
 <i>Morocco</i>		
	VII	\$ 50,000
	VIII	\$ 49,025,000
	VIII & XI	\$ 6,000,000
	XIII	\$ 57,750
	<i>Morocco Total Services</i>	\$ 55,132,750
 <i>Nepal</i>		
	XI	\$ 100,000
	<i>Nepal Total Services</i>	\$ 100,000
 <i>Netherlands</i>		
	I, III, IV, VII & XII	\$ 340,100
Country	Category(ies)	Value
 <i>Netherlands (continued)</i>		
	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>	\$ 1,926,595,325

Netherlands Antilles

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

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>	\$ 88,482,100

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

Country

Category(ies)

Value

Norway (continued)

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
Country	Category(ies)	Value

Philippines (continued)

XI	\$	5,318,629
XV	\$	2,000,000
<i>Philippines Total Services</i>	\$	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
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	VI	\$	600,000
	XI	\$	1,300,000
Country	Category(ies)		Value
<i>Russia (continued)</i>			
	XV	\$	5,090,000
	<i>Russia Total Services</i>	\$	<i>10,740,000</i>
<i>Saudi Arabia</i>			
	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>	\$	<i>608,163,905</i>
<i>Senegal</i>			
	VI & XI	\$	1,474,937
	<i>Senegal Total Services</i>	\$	<i>1,474,937</i>
<i>Sierra Leone</i>			
	XI	\$	807,898
	<i>Sierra Leone Total Services</i>	\$	<i>807,898</i>
<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
Country	Category(ies)	Value
<i>Singapore (continued)</i>		
	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

South Korea

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

Country	Category(ies)	Value
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South Korea (continued)

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

Spain

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>	\$	<i>538,817,316</i>

Sri Lanka

XI	\$	4,000,000
<i>Sri Lanka Total Services</i>	\$	<i>4,000,000</i>

Sweden

I & II	\$	800,000
I & XII	\$	1,000,000

Country

Category(ies)

Value

Sweden (continued)

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
<i>Sweden Total Services</i>	\$	<i>542,605,931</i>

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

Country

Category(ies)

Value

Taiwan (continued)

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
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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>	\$ 131,990,000

Trinidad and Tobago

IX, X & XII	\$ 790,000
XI	\$ 100,000
XII	\$ 1,957,500
<i>Trinidad and Tobago Total Services</i>	\$ 2,847,500

Tunisia

XI	\$ 100,000
<i>Tunisia Total Services</i>	\$ 100,000

Turkey

II, III & XII	\$ 22,000,000
II & VII	\$ 121,000,000

Country	Category(ies)	Value
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Turkey (continued)

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>	\$ 4,344,355,578

Uganda

VIII	\$	6,000,000
XI	\$	100,000
Uganda Total Services	\$	6,100,000

Ukraine

IV, VIII, XI, XII & XV	\$	7,125,000
Ukraine Total Services	\$	7,125,000

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

Country

Category(ies)

Value

*United Arab Emirates
(continued)*

XXI	\$	727,000
United Arab Emirates Total Services	\$	804,273,006

United Kingdom

I	\$	11,748,000
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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

Country	Category(ies)	Value
<i>United Kingdom (continued)</i>	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
<i>United Kingdom Total Services</i>	\$	<i>7,424,409,075</i>

Uruguay

VIII	\$	10,182,000
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Country

Category(ies)

Value

Uruguay (continued)

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

Country	Category(ies)	Value
	IV & VI	\$ 16,000,000
<i>Various Countries</i> <i>(continued)</i>		
	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
Country	Category(ies)	Value
	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>	<i>\$16,075,430,821</i>
<i>VIETNAM</i>		
	XI	\$ 160,000
	<i>Vietnam Total Services</i>	<i>\$ 160,000</i>
	<i>Global Total Services</i>	<i>\$87,310,789,679</i>