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.pmddtc.state.gov.

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

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

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

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

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

Category I Firearms, Close Assault Weapons and Combat Shotguns

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

Category II Guns and Armament

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

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

Category III Ammunition/Ordnance

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

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

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

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

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

Category VI **Vessels of War and Special Naval Equipment**

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

Category VII **Tanks and Military Vehicles**

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

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

Category VIII Aircraft and Associated Equipment

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

Category IX Military Training Equipment and Training

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

Category X Protective Personnel Equipment and Shelters

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

(e) Technical data

Category XI Military Electronics

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

*(1) Underwater sound equipment

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

(3) Radar systems, with capabilities such as:

*(i) Search

*(ii) Acquisition

*(iii) Tracking

*(iv) Moving target indication

*(v) Imaging radar systems

(vi) Ground air traffic control radar

*(4) Electronic combat equipment

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

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

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

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

(c) Components, parts, and associated equipment

(d) Technical data

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

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

*(b) Lasers

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

above military image intensification tubes, and infrared, visible and ultraviolet devices
*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros
(e) Components, parts, and associated equipment
(f) Technical data

Category XIII Auxiliary Military Equipment

(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry equipment, and components
(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components
(c) Self-contained diving and underwater breathing apparatus
(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes
(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter
(f) Structural materials
(g) Concealment and deception equipment
(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction
(i) Metal embrittling agents
*(j) Hardware and equipment that is associated with the measurement or modification of system signatures for detection of defense articles
(k) Tooling and equipment specifically designed or modified for the production of articles controlled by this category
(l) Technical data

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

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

Category XV Spacecraft Systems and Associated Equipment

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

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

Category XVI Nuclear Weapons, Design and Testing Related Items

*(a) Any article, material, equipment, or device which is specifically designed or modified for use in the design, development, or fabrication of nuclear weapons or nuclear explosive devices
*(b) Any article, etc. specifically designed for use in the devising, carrying out, or evaluating of nuclear weapons tests or any other nuclear explosions (including for modeling or simulating the employment of nuclear weapons)
*(c) Nuclear radiation detection and measurement devices
(d) Components, parts and associated equipment specifically designed or modified for the articles in this category
(e) Technical data

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

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

Category XVIII Directed Energy Weapons

*(a) Directed energy weapon systems
*(b) Equipment specifically designed or modified for the detection or identification of, or defense against, articles controlled in (a)
(c) Tooling and equipment specifically designed or modified for the production of defense articles controlled by this category
(d) Test and evaluation equipment and test models specifically designed or modified for the defense articles controlled by this category
(e) Components, parts, and associated equipment specifically designed or modified for the articles in (a) through (d)
(f) Technical data

Category XIX Reserved

Category XX Submersible Vessels, Oceanographic and Associated Equipment

*(a) Submersible vessels, manned or unmanned, tethered or untethered, designed or modified for military purposes, or powered by nuclear propulsion plants
*(b) Swimmer delivery vehicles
(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)
(d) Technical data

Category XXI Miscellaneous Articles

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

PART 1
FY 2009 Authorized Defense Articles

Country			Quantity		Value
AFGHANISTAN					
Category 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
Category II		Guns and Armament			
	*(a)	Guns over caliber .50	9	$	7,200
	(k)	Technical data	40	$	4,072,060
		Category Total	49	$	4,079,260
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	684	$	18,895

	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	13	$	338,520
	(h)	Components, parts and associated equipment	816	$	75,118
		Category Total	1,513	$	432,533
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	145,222	$	40,241,228
	(h)	Technical data	2	$	26,000
		Category Total	145,224	$	40,267,228
Category VIII		Aircraft and Associated Equipment			
	*(b)	Military aircraft engines	10	$	15,000,000
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	18	$	277,003
	(h)	Components, parts and associated equipment	65,834	$	401,589,221
	(i)	Technical data	11	$	1,005,076
		Category Total	65,873	$	417,871,300
Category IX		Military Training Equipment and Training			
	(a)	Training equipment	320	$	128,000
	(e)	Technical data	2,531	$	5,320,560
		Category Total	2,851	$	5,448,560
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	12,410	$	9,382,499
	(d)	Components, parts and associated equipment	5,033	$	740,757
	(e)	Technical data	1	$	1,000
		Category Total	17,444	$	10,124,256
Category XI		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
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	4	$	4,881,669
	*(b)	Lasers	6,652	$	56,885,002
	*(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	451	$	5,497,814
	(e)	Components, parts and associated equipment	226	$	363,763
	(f)	Technical data	1	$	20,000
		Category Total	7,334	$	67,648,248

Category XIII		Auxiliary Military Equipment			
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	15	$	1,031,480
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	81	$	150,344
	(g)	Concealment and deception equipment	40,000	$	46,840,000
		Category Total	40,096	$	48,021,824
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d)	Tear gases and riot control agents	400	$	13,980
Category XIV (continued)		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	2,034	$	308,245
	(m)	Technical data	1	$	100,000
		Category Total	2,435	$	422,225
Category XV		Spacecraft Systems and Associated Equipment			
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	2	$	32,964
		Category Total	2	$	32,964
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	2	$	2,841
		Category Total	2	$	2,841
		Country Total Authorized	**3,203,285**	**$**	**1,530,144,679**
		Country Total Shipped			
ALBANIA					
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	12	$	1,800
		Category Total	12	$	1,800
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(f)	Technical data	1	$	1,000
		Category Total	1	$	1,000
		Country Total Authorized	**13**	**$**	**2,800**
		Country Total Shipped			
ALGERIA					
Category 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
Category II		Guns and Armament			
	(j)	Components, parts and associated equipment	109	$	144,062
	(k)	Technical data	18	$	1,014
		Category Total	127	$	145,076
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			

	(i)	Technical data	2	$	2,000
		Category Total	2	$	2,000
Category VI		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	15	$	47,660
		Category Total	15	$	47,660
Category VIII		Aircraft and Associated Equipment			
	*(b)	Military aircraft engines	11	$	6,650,785
	*(c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	24	$	16,628
	(d)	Launching and recovery equipment for the articles in (a)	25	$	25,876
	(h)	Components, parts and associated equipment	7,383	$	12,272,651
	(i)	Technical data	13	$	3,034
		Category Total	7,456	$	18,968,974
Category IX		Military Training Equipment and Training			
	(e)	Technical data	5	$	900
		Category Total	5	$	900
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	90	$	240,907
		Category Total	90	$	240,907
Category XI		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
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	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
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d)	Tear gases and riot control agents	310,000	$	5,850,000
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	10,124	$	212,972
	(m)	Technical data	320,124	$	6,062,972
		Category Total			
Category XV		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	1	$	1,000
	(f)	Technical data	20	$	1,000
		Category Total	21	$	2,000
		Country Total Authorized		**$**	**49,758,311**

			332,203		
		Country Total Shipped			
ANDORRA					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	74	$	20,408
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	19	$	4,762
	(h)	Components, parts and associated equipment	5	$	201
		Category Total	98	$	25,371
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	355,500	$	87,440
	(d)(3)	All other components, parts and associated equipment	10,000	$	400
		Category Total	365,500	$	87,840
		Country Total Authorized	**365,598**	**$**	**113,211**
		Country Total Shipped			
ANGOLA					
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	6	$	14,166
		Category Total	6	$	14,166
Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	60	$	185,983
		Category Total	60	$	185,983
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(e)	Components, parts and associated equipment	30	$	46,112
		Category Total	30	$	46,112
		Country Total Authorized		**$**	**246,261**

			96		
		Country Total Shipped			
ANTARCTICA					
Category XV		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					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	56	$	31,694
		Category Total	56	$	31,694
Category III		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**
		Country Total Shipped			
ARGENTINA					
Category 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			
Category II		Guns and Armament			
	*(a)	Guns over caliber .50	1	$	25,000
		Category Total	1	$	25,000
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	24,447,300	$	2,494,167
	(c)	Tooling and equipment	2	$	9,600
	(d)(3)	All other components, parts and associated equipment	2,261,002	$	830,909
	(e)	Technical data	20	$	2,000
		Category Total	26,708,324	$	3,336,676
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h)	Components, parts and associated equipment	21	$	12,685
	(i)	Technical data	1	$	1,700
		Category Total	22	$	14,385
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(a)	Explosives	50	$	2,002
		Category Total	50	$	2,002
Category VI		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	1	$	12,988
		Category Total	1	$	12,988
Category VII		Tanks and Military Vehicles			
	(c)	Military trucks, trailers, hoists and skids specifically designed, modified or equipped to mount or carry weapons	6	$	186,400
Category VII (continued)		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	10	$	32,849
		Category Total		$	219,249

			16		
Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	1	$	2,000,000
	*(c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	4	$	4,695
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	3	$	32,700
	(h)	Components, parts and associated equipment	3,172	$	16,168,228
	(i)	Technical data	26	$	130,603
		Category Total	3,206	$	18,336,226
Category XI		Military Electronics			
	*(a)(3)(v)	Imaging radar systems	200	$	10,350
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	21	$	428,708
	(c)	Components, parts and associated equipment	8,008	$	282,283
	(d)	Technical data	1,056	$	23,320
		Category Total	9,285	$	744,661
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	$	108,300

Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	8	$	2,179,504
	(e)	Components, parts and associated equipment	1	$	6,361
	(f)	Technical data	2	$	100
		Category Total	13	$	2,294,265
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	36,637	$	1,316,141
		Category Total	36,637	$	1,316,141
Category XV		Spacecraft Systems and Associated Equipment			
	(d)	Radiation-hardened microelectronics	229	$	447,930
	(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.	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**
		Country Total Shipped			

ARMENIA

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

ARUBA

Category 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
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	473,000	$	85,140
	(d)(3)	All other components, parts and associated equipment	62,000	$	3,460
		Category Total	535,000	$	88,600
		Country Total Authorized	**535,071**	**$**	**112,050**
		Country Total Shipped			

AUSTRALIA

Category 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
Category I (continued)		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
Category II		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
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	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
Category IV (continued)		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
Category V		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
Category VI		Vessels of War and Special Naval Equipment			
	*(c)	Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems	1	$	5,000,000
	(f)	Components, parts and associated equipment	5,213	$	28,424,247
	(g)	Technical data	119	$	2,111,735
		Category Total	5,333	$	35,535,982
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	$	650,000
	(c)	Military trucks, trailers, hoists and skids specifically designed, modified or equipped to mount or carry weapons	1	$	97,000
	*(f)	Engines specifically designed or modified for the vehicles in (a), (b) and (e)	10	$	333,910
	(g)	Components, parts and associated equipment	2,459	$	14,236,800
	(h)	Technical data	138	$	2,826,378
		Category Total	2,609	$	18,144,088
Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	5	$	520,661,260
	*(b)	Military aircraft engines	1	$	20,000,000
	*(c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	1,505	$	335,826
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	417	$	2,250,050
	(h)	Components, parts and associated equipment	704,838	$	219,125,823
	(i)	Technical data	4,010	$	2,429,937
		Category Total	710,776	$	764,802,896
Category IX		Military Training Equipment and Training			
	(a)	Training equipment	247	$	1,560,369
	(b)	Simulation devices for the items covered by this subchapter	137	$	1,217,479
	(c)	Tooling and equipment	12	$	6,336

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

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

		Category Total	31,120	$	45,951,231
Category XIII		Auxiliary Military Equipment			
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	15,290	$	5,815,397
	(e)	Armor and reactive armor and components, 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	21,589	$	7,579,806
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d)	Tear gases and riot control agents	3,889	$	80,583
Category XIV (continued)		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	3,018	$	1,218,034
	(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)	9,224	$	154,482
	(i)	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
Category XV		Spacecraft Systems and Associated Equipment			
	*(a)	Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites	1	$	56,000,000
	(b)	Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	254	$	107,656,870
	(c)	Global positioning System (GPS) receiving equipment	54	$	59,341
	(d)	Radiation-hardened microelectronics	1	$	20,000
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	456	$	14,714,263
Category XV (continued)		Spacecraft Systems and Associated Equipment			
	(f)	Technical data	1,025	$	889,500
		Category Total	1,791	$	179,339,974
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	2	$	1,372,084
	(c)	Components, parts and associated equipment	55	$	254,296
	(d)	Technical data	9	$	29,591
		Category Total	66	$	1,655,971

Category XXI		Miscellaneous Articles			
	(b)	Technical data	1	$	100
		Category Total	1	$	100
		Country Total Authorized	**404,627,668**	**$**	**1,732,907,523**
		Country Total Shipped			

AUSTRIA

Category 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			
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	2,268,900	$	757,093
Category III (continued)		Ammunition/Ordnance			
	(d)(3)	All other components, parts and associated equipment	2,940,545	$	775,556
		Category Total	5,209,445	$	1,532,649
Category IV		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
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(a)	Explosives	200	$	18,700

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

	*(b)	Electronic systems or subsystems for use in surveillance and 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
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	6	$	8,097
	*(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	516	$	272,022
	(e)	Components, parts and associated equipment	155	$	153,067
	(f)	Technical data	95	$	45,201
		Category Total	772	$	478,387
Category XIII		Auxiliary Military Equipment			
	(l)	Technical data	1	$	1
		Category Total	1	$	1
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	60	$	18,203
		Category Total	60	$	18,203
Category XV		Spacecraft Systems and Associated Equipment			

	(c)	Global positioning System (GPS) receiving equipment	1	$	55,000
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	67	$	57,864
	(f)	Technical data	1	$	1
		Category Total	69	$	112,865
Category XVIII		Directed Energy Weapons			
	(f)	Technical data	1	$	1
		Category Total	1	$	1
Category XX		Submersible Vessels, Oceanographic and Associated Equipment			
	(d)	Technical data	1	$	1
		Category Total	1	$	1
Category XXI		Miscellaneous Articles			
	(b)	Technical data	1	$	1
		Category Total	1	$	1
		Country Total Authorized	**5,219,698**	**$**	**18,971,930**
		Country Total Shipped			
AZERBAIJAN					
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	160	$	572,000
		Category Total	160	$	572,000
Category XI		Military Electronics			
	(c)	Components, parts and associated equipment	2,768	$	1,794,419
		Category Total	2,768	$	1,794,419
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			

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

Country			**Quantity**		**Value**
AZERBAIJAN (Continued)					
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	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					
Category 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
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	262,600	$	27,058
		Category Total	262,600	$	27,058
Category VI		Vessels of War and Special Naval Equipment			

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

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

	(k)	Technical data	1	$	100
		Category Total	1	$	100
Category III		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
Category VII		Tanks and Military Vehicles			
	(h)	Technical data	2	$	1,000
		Category Total	2	$	1,000
Category VIII		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			
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	12	$	363,684
	(h)	Components, parts and associated equipment	1,687	$	17,011,882
	(i)	Technical data	4	$	10,550
		Category Total	1,707	$	64,150,730
Category IX		Military Training Equipment and Training			
	(a)	Training equipment	14	$	56,000
	(b)	Simulation devices for the items covered by this	1	$	27,500

		subchapter			
	(d)	Components, parts and associated equipment	8	$	13,082
		Category Total	23	$	96,582
Category X		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
Category XI		Military Electronics			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	52	$	2,596,080
	(c)	Components, parts and associated equipment	1,609	$	15,491,972
	(d)	Technical data	2,403	$	171,200
		Category Total	4,064	$	18,259,252
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	22	$	148,931

Country			**Quantity**		**Value**
BAHRAIN (Continued)					
Category XII (continued)		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		$	5,357,322

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

BANGLADESH

Category 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
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	100,000	$	14,000
	*(d)(2)	Safing, arming and fuzing components	6,000	$	30,780
		Category Total	106,000	$	44,780
Category VIII		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
Category IX		Military Training Equipment and Training			
	(e)	Technical data	4	$	2,000
		Category Total	4	$	2,000

Country			Quantity		Value
BANGLADESH (Continued)					
Category X		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
Category XI		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
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	20	$	60,000
		Category Total	20	$	60,000
		Country Total Authorized	**118,491**	**$**	**2,500,445**
		Country Total Shipped			
BARBADOS					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	32	$	20,633

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

Country			**Quantity**		**Value**
BARBADOS (Continued)					
Category XI		Military Electronics			
	(d)	Technical data	1	$	100
		Category Total	1	$	100
		Country Total Authorized	**1,219,753**	**$**	**223,951**
		Country Total Shipped			
BELGIUM					
Category 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
Category II		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
Category III		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
Category IV		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

Country			**Quantity**		**Value**
BELGIUM (Continued)					
Category V		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
Category VI		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	1	$	23,660
		Category Total	1	$	23,660
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	192,055	$	11,590,948
	(h)	Technical data	60	$	2,580
		Category Total		$	11,593,528

			192,115		
Category VIII		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
Category IX		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
Category X		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
Category XI		Military Electronics			
	*(a)(4)	Electronic combat equipment	7,500	$	589,230
Country			**Quantity**		**Value**
BELGIUM (Continued)					
Category XI (continued)		Military Electronics			
	*(a)(5)	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
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	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

Country	**Quantity**	**Value**
BELGIUM (Continued)		

Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	3	$	82,945
	(e)	Components, parts and associated equipment	3,068	$	426,304
	(f)	Technical data	4	$	350
		Category Total	3,080	$	547,699
Category XIII		Auxiliary Military Equipment			
	(b)	Military Information Security Assurances 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
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	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)					
Category XV		Spacecraft Systems and Associated Equipment			
	(d)	Radiation-hardened microelectronics	100	$	17,300
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	72	$	1,874,849
		Category Total	172	$	1,892,149
		Country Total Authorized	**78,596,674**	**$**	**159,101,236**
		Country Total Shipped			
BELIZE					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	219	$	368,795
		Category Total	219	$	368,795
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	10,000	$	2,000
		Category Total	10,000	$	2,000
Category X		Protective Personnel Equipment and Shelters			
	(d)	Components, parts and associated equipment	400	$	41,280
		Category Total	400	$	41,280
		Country Total Authorized	**10,619**	**$**	**412,075**
		Country Total Shipped			

BERMUDA

Category 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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i)	Technical data	50	$	500
		Category Total	50	$	500
Category VI		Vessels of War and Special Naval Equipment			
	(g)	Technical data	1	$	20,000
		Category Total	1	$	20,000
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	1	$	7,740
		Category Total	1	$	7,740
Category XIV		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
Category XV		Spacecraft Systems and Associated Equipment			
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	1	$	1,000,000
		Category Total	1	$	1,000,000

		Country Total Authorized	**2,949**	**$**	**1,072,895**
		Country Total Shipped			
BHUTAN					
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	1	$	2,100
		Category Total	1	$	2,100
		Country Total Authorized	**1**	**$**	**2,100**
		Country Total Shipped			

Country			**Quantity**		**Value**
BOLIVIA					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	(h)	Components, parts and associated equipment	550	$	1,161
		Category Total	550	$	1,161
Category VIII		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
Category X		Protective Personnel Equipment and Shelters			
	(d)	Components, parts and associated equipment	198	$	15,700
		Category Total	198	$	15,700
Category XI		Military Electronics			
	(c)	Components, parts and associated equipment	1	$	2,880
	(d)	Technical data	400	$	168,000

		Category Total	401	$	170,880
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(e)	Components, parts and associated equipment	14	$	3,121
		Category Total	14	$	3,121
		Country Total Authorized	**2,336**	**$**	**233,858**
		Country Total Shipped			
BOSNIA HERZEGOVINA					
Category 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)					
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	146	$	146,000
		Category Total	146	$	146,000
Category VII		Tanks and Military Vehicles			
	(h)	Technical data	1	$	500

		Category Total	1	$	500
Category X		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			

BOTSWANA

Category 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
		Category Total	193	$	42,614
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	41,100	$	56,271
		Category Total	41,100	$	56,271
Category V		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)					
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	1	$	113
		Category Total	1	$	113

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

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

	(j)	Components, parts and associated equipment	1	$	2,800
	(k)	Technical data	37	$	280
		Category Total	70	$	3,624,527
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	8,738,680	$	3,660,776
	(c)	Tooling and equipment	19	$	3,385
	*(d)(1)	Guidance and control components	2,274	$	2,391
	(d)(3)	All other components, parts and associated equipment	3,404,033	$	249,002
Country			**Quantity**		**Value**
BRAZIL (Continued)					
Category III (continued)		Ammunition/Ordnance			
	(e)	Technical data	42	$	58,350
		Category Total	12,145,048	$	3,973,904
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	50	$	36,002
	(h)	Components, parts and associated equipment	1,056	$	232,891
	(i)	Technical data	16	$	13,100
		Category Total	1,122	$	281,993
Category V		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
Category VI		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
Category VII		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
Category VIII		Aircraft and Associated Equipment			
	*(c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	92	$	168,130

Country			**Quantity**		**Value**
BRAZIL (Continued)					
Category VIII (continued)		Aircraft and Associated Equipment			
	*(e)	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
Category IX		Military Training Equipment and Training			
	(b)	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
Category X		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
Category XI		Military Electronics			
	*(a)(1)	Underwater sound equipment	3	$	17,080
	*(a)(3)(iii)	Tracking radar systems	120	$	31,200
	*(a)(3)(v)	Imaging radar systems	6	$	85,790
	(a)(3)(vi)	Ground air traffic control radar systems	50	$	7,267,796
	*(a)(4)	Electronic combat equipment	4	$	8,240
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	1,408	$	4,124,768
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	52	$	105,300
	(a)(7)	Any experimental or developmental electronic equipment specifically designed or modified for military application	24	$	105,628
Country			**Quantity**		**Value**
BRAZIL (Continued)					
Category XI (continued)		Military Electronics			

	*(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
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	5	$	143,000
	*(b)	Lasers	3	$	2,580
	*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	251	$	7,511,865
	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	23	$	1,397,874
	(e)	Components, parts and associated equipment	1,501	$	3,448,163
	(f)	Technical data	179	$	23,678
		Category Total	1,962	$	12,527,160

Country			Quantity		Value
BRAZIL (Continued)					
Category XIII		Auxiliary Military Equipment			
	(b)	Military Information Security Assurances 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 XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	36	$	4,950
		Category Total	36	$	4,950
Category XV		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	20	$	366,876
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	42	$	228,487
	(f)	Technical data	9	$	20,143
		Category Total	71	$	615,506
Category XVI		Nuclear Weapons, Design and Testing Related Items			

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

Country			**Quantity**		**Value**
BRAZIL (Continued)					
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	7	$	2,919
		Category Total	7	$	2,919
		Country Total Authorized	**12,322,241**	**$**	**122,957,263**
		Country Total Shipped			
BRITISH VIRGIN ISLANDS					
		Country Total Authorized	**-**	**$**	**-**
		Country Total Shipped			
BRUNEI					
Category 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
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	70	$	4,350

Country			**Quantity**		**Value**
BRUNEI (Continued)					
Category IV (continued)		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	$	100,999
	(h)	Components, parts and associated equipment	2,170	$	49,422
	(i)	Technical data	2	$	2
		Category Total	2,244	$	154,773
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(a)	Explosives	5	$	1,125
		Category Total	5	$	1,125
Category VI		Vessels of War and Special Naval Equipment			
	(g)	Technical data	4	$	100
		Category Total		$	100

			4		
Category VIII		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
Category XI		Military Electronics			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	22	$	446,864
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	3	$	2,942,217
	(c)	Components, parts and associated equipment	95	$	1,260,561
	(d)	Technical data	11	$	508
		Category Total	131	$	4,650,150

Country			**Quantity**		**Value**
BRUNEI (Continued)					
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	1	$	6,200

	*(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	$	984,859
	*(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	12	$	20,827
	(e)	Components, parts and associated equipment	92	$	157,000
	(f)	Technical data	1	$	50
		Category Total	107	$	1,168,936
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	600	$	110,994
		Category Total	600	$	110,994
		Country Total Authorized	**311,441**	**$**	**22,506,879**
		Country Total Shipped			

Country			**Quantity**		**Value**
BULGARIA					
Category 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
		Category Total	2,925	$	1,052,054
Category II		Guns and Armament			
	(k)	Technical data	1	$	1,000
		Category Total	1	$	1,000
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	615,350	$	107,543
		Category Total	615,350	$	107,543
Category IV		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
Category VI		Vessels of War and Special Naval Equipment			
	(g)	Technical data	2	$	200
		Category Total	2	$	200
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	719	$	805,269
	(h)	Technical data	20	$	10,000
		Category Total	739	$	815,269
Category VIII		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
Category IX		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)					
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	7	$	15,722
		Category Total	7	$	15,722
Category XI		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
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	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
Category XIII		Auxiliary Military Equipment			
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	1	$	7,005
		Category Total	1	$	7,005

Country			**Quantity**		**Value**
BULGARIA (Continued)					
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	2,610	$	425,573
	(m)	Technical data	4	$	101,946
		Category Total	2,614	$	527,519
Category XVI		Nuclear Weapons, Design and Testing Related Items			
	*(c)	Nuclear radiation detection and measurement devices	12	$	31,980
		Category Total	12	$	31,980
		Country Total Authorized	**633,705**	**$**	**8,742,689**
		Country Total Shipped			

BURKINA FASO

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

BURUNDI

		Country Total Authorized	**-**	**$**	**-**
		Country Total Shipped			

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

		Country Total Authorized	**18,079**	**$**	**311,139**
		Country Total Shipped			
CAMEROON					
Category VIII		Aircraft and Associated Equipment			
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	1	$	9,678
	(h)	Components, parts and associated equipment	9	$	2,128,675
		Category Total	10	$	2,138,353
Category XI		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			
CANADA					
Category 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)					
Category I (continued)		Firearms, Close Assault Weapons and Combat Shotguns			

	(f)	Riflescopes	380	$	225,632
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	34,004	$	4,128,929
	(h)	Components, parts and associated equipment	3,671,844	$	17,905,367
	(i)	Technical data	311	$	72,727
		Category Total	3,984,700	$	129,336,730
Category II		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
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	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)					
Category IV (continued)		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
Category V		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
Category VI		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
Category VII		Tanks and Military Vehicles			

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

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

	(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
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	2	$	2,686
	(b)	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
Category XI		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			
	*(a)(5)	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	770	$	8,908,222
		Category Total	30,766	$	57,125,060
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	613	$	20,401,534
	*(b)	Lasers	885	$	15,192,860
	*(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	42,962	$	22,599,353
Country			**Quantity**		**Value**
CANADA (Continued)					
Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			

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

Country			Quantity		Value
CANADA (Continued)					
Category XIV (continued)		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	23,165	$	955,106
	(l)	Tooling and equipment	26	$	3,201
	(m)	Technical data	76	$	194,204
		Category Total	119,040	$	4,744,919
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	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
Category XVI		Nuclear Weapons, Design and Testing Related Items			
	(e)	Technical data	37	$	6,500
		Category Total	37	$	6,500

Category XX		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			

Country			**Quantity**		**Value**
CAPE VERDE, REPUBLIC OF					
Category 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					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	5	$	3,014
		Category Total	5	$	3,014
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	15,000	$	4,200
		Category Total	15,000	$	4,200
Category VI		Vessels of War and Special Naval Equipment			
	(b)	Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	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
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	1	$	5,685
		Category Total	1	$	5,685
		Country Total Authorized	**15,011**	**$**	**1,173,092**
		Country Total Shipped			

Country			**Quantity**		**Value**
CENTRAL AFRICAN REPUBLIC					
Category VIII		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			
CHAD					
Category VIII		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

Category 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
Category II		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
Category III		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)					
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	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
Category V		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
Category VI		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	15	$	9,406
		Category Total	15	$	9,406
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	381	$	149,044
	(h)	Technical data	13	$	90,000
		Category Total	394	$	239,044
Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	13	$	148,459,773
	*(b)	Military aircraft engines	30	$	2,403,188
	*(c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	126	$	122,139
	(d)	Launching and recovery equipment for the articles in (a)	1	$	15,000

Country			**Quantity**		**Value**
CHILE (Continued)					

Category VIII (continued)		Aircraft and Associated Equipment			
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	16	$	1,088,658
	(h)	Components, parts and associated equipment	25,056	$	50,756,787
	(i)	Technical data	73	$	25,584
		Category Total	25,315	$	202,871,129
Category IX		Military Training Equipment and Training			
	(b)	Simulation devices for the items covered by this subchapter	12	$	155,063
	(d)	Components, parts and associated equipment	60	$	13,334
	(e)	Technical data	207	$	23,180
		Category Total	279	$	191,577
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	140	$	1,137,499
	(c)	Tooling and equipment	372	$	58,032
	(d)	Components, parts and associated equipment	72	$	138,611
	(e)	Technical data	20	$	10,000
		Category Total	604	$	1,344,142
Category XI		Military Electronics			
	*(a)(4)	Electronic combat equipment	1	$	77,711
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	10	$	1,125,772
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	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
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	543	$	980,431
Country			**Quantity**		**Value**
CHILE (Continued)					
Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	878	$	12,386,895
	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	13	$	108,228
	(e)	Components, parts and associated equipment	1,365	$	673,006
	(f)	Technical data	65	$	111,775
		Category Total	2,864	$	14,260,335
Category XIII		Auxiliary Military Equipment			
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	4	$	829
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	4	$	2,000
		Category Total	8	$	2,829

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

Country			**Quantity**		**Value**
CHILE (Continued)					
Category XV		Spacecraft Systems and Associated Equipment			
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	3	$	1,443,199
	(f)	Technical data	1	$	1
		Category Total	4	$	1,443,200
Category XVII		Classified Articles, Technical Data and Defense Services Not Otherwise Enumerated			
	(a)	All articles, technical data and defense services which are classified in the interests of national security and which are not otherwise enumerated in the USML	1	$	250
		Category Total	1	$	250
		Country Total Authorized	**1,456,110**	**$**	**202,871,129**
		Country Total Shipped			

COLOMBIA

Category 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
Category II		Guns and Armament			
	(k)	Technical data	1	$	100
		Category Total	1	$	100
Category III		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**
COLOMBIA (Continued)					
Category III (continued)		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	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
Category V		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
Category VII		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
Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	1	$	1,800,000
	*(b)	Military aircraft engines	3	$	1,093,732
Country			**Quantity**		**Value**
COLOMBIA (Continued)					
Category VIII (continued)		Aircraft and Associated Equipment			

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

Country			Quantity		Value
COLOMBIA (Continued)					
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(a)	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	15	$	44,758
	*(b)	Lasers	89	$	335,588
	*(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	1,193	$	19,272,780
	*(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	8	$	28,848
	(e)	Components, parts and associated equipment	3,638	$	2,294,407
	(f)	Technical data	3	$	250
		Category Total	4,946	$	21,976,631
Category XIII		Auxiliary Military Equipment			

	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	4	$	21,530
	(d)	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	186	$	364,348

Country			**Quantity**		**Value**
COLOMBIA (Continued)					
Category XIII (continued)		Auxiliary Military Equipment			
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	10	$	23,730
	(g)	Concealment and deception equipment	17,783	$	664,478
		Category Total	17,983	$	1,074,086
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d)	Tear gases and riot control agents	933	$	30,404
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	33,354	$	1,068,494
		Category Total	34,287	$	1,098,898
Category XV		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	14	$	327,566
	(f)	Technical data	10	$	100,000
		Category Total	24	$	427,566
		Country Total Authorized		**$**	**126,663,999**

			2,949,829		
		Country Total Shipped			

COMOROS

Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	1	$	500
		Category Total	1	$	500
		Country Total Authorized	**1**	**$**	**500**
		Country Total Shipped			

Country			**Quantity**		**Value**
CONGO					
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(a)	Explosives	400	$	1,335,400
		Category Total	400	$	1,335,400
		Country Total Authorized	**400**	**$**	**1,335,400**
		Country Total Shipped			

COSTA RICA

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

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

Country		**Quantity**	**Value**
COSTA RICA (Continued)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		

	*(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	$	13,000
		Category Total	2	$	13,000
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	2,200	$	39,500
		Category Total	2,200	$	39,500
		Country Total Authorized	**5,415,790**	**$**	**7,842,471**
		Country Total Shipped			

CROATIA

Category 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
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	1,000	$	250
		Category Total	1,000	$	250
Category IV		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)					
Category VI		Vessels of War and Special Naval Equipment			
	(g)	Technical data	1	$	500
		Category Total	1	$	500
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	72	$	57,981
		Category Total	72	$	57,981
Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	7	$	44,548
	(i)	Technical data	12	$	12,000
		Category Total	19	$	56,548
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	60	$	90,000
	(d)	Components, parts and associated equipment	60	$	12,077
		Category Total	120	$	102,077
Category XI		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
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	7	$	4,689

	*(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	$	16,000
	(f)	Technical data	4	$	100
		Category Total	12	$	20,789

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

	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	12	$	434
		Category Total	12	$	434
		Country Total Authorized	**12**	**$**	**434**
		Country Total Shipped			
CZECH REPUBLIC					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	23,427	$	2,602,802
	(f)	Riflescopes	300	$	146,400
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	310	$	52,670

Country			**Quantity**		**Value**
CZECH REPUBLIC (Continued)					
Category I (continued)		Firearms, Close Assault Weapons and Combat Shotguns			
	(h)	Components, parts and associated equipment	4,495	$	276,585
		Category Total	28,532	$	3,078,457
Category II		Guns and Armament			
	*(a)	Guns over caliber .50	54	$	6,318,000
	(g)	Tooling and equipment	6	$	182,898
	(k)	Technical data	11	$	120,177
		Category Total	71	$	6,621,075
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	500,000	$	20,000

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

			2		
		Category Total	311	$	287,569
Category XI		Military Electronics			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	26	$	859,300
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	3	$	48,573
	*(b)	Electronic systems or subsystems for use in surveillance and 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
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	121	$	213,184
	*(b)	Lasers	183	$	207,771
	*(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	665	$	382,701
Country			**Quantity**		**Value**

CZECH REPUBLIC (Continued)					
Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1	$	16,000
	(e)	Components, parts and associated equipment	273	$	179,504
	(f)	Technical data	18	$	18
		Category Total	1,261	$	999,178
Category XIII		Auxiliary Military Equipment			
	(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	4	$	221,094
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	8	$	222,672
		Category Total	12	$	443,766
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or 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			

Country			Quantity		Value
DENMARK					
Category 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
Category II		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
Category III		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
Category IV		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)	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
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(b)	Propellants	15	$	225
Country			**Quantity**		**Value**
DENMARK (Continued)					
Category V (continued)		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(h)	Technical data	1	$	200
		Category Total	16	$	425
Category VI		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	1,105	$	98,855
		Category Total	1,105	$	98,855
Category VII		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
Category VIII		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
Category IX		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
Category X		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
Category XI		Military Electronics			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	35	$	2,541,878
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	216	$	2,050,560
Country			**Quantity**		**Value**
DENMARK (Continued)					
Category XI (continued)		Military Electronics			
	(a)(7)	Any experimental or developmental electronic equipment specifically designed or modified for military application	2	$	156,764
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	158	$	194,156

	(c)	Components, parts and associated equipment	15,914	$	13,603,519
	(d)	Technical data	287	$	12,510
		Category Total	16,612	$	18,559,387
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	8	$	31,232
	*(b)	Lasers	151	$	59,645
	*(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	1,864	$	11,677,156
	*(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	104	$	2,527,395
	(e)	Components, parts and associated equipment	8,575	$	3,424,526
Country			**Quantity**		**Value**
DENMARK (Continued)					
Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(f)	Technical data	118	$	8,905
		Category Total	10,820	$	17,728,859

Category XIII		Auxiliary Military Equipment			
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	1,980	$	15,840
	*(j)	Hardware and equipment that is associated with the measurement or modification of system signatures for detection of defense articles	10,000	$	1,000,000
		Category Total	11,980	$	1,015,840
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	290	$	232,370
	(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)	12,000	$	247,200
		Category Total	12,290	$	479,570
Category XV		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	2	$	4,716
	(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.	46	$	14,509
	(f)	Technical data	2	$	600
		Category Total	50	$	19,825

Country			**Quantity**		**Value**

DENMARK
(Continued)

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

DJIBOUTI

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

DOMINICA

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

DOMINICAN REPUBLIC					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(b)	Fully automatic firearms	200	$	243,596

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

Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	2	$	2,159
		Category Total	2	$	2,159
Category XI		Military Electronics			
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	8	$	94,032
	(c)	Components, parts and associated equipment	30	$	93,702
	(d)	Technical data	4	$	3,500
		Category Total	42	$	191,234

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

ECUADOR

Category 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
Category II		Guns and Armament			
	(k)	Technical data	1,100	$	200
		Category Total	1,100	$	200
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	1,270,800	$	424,300
	(e)	Technical data	20,000	$	200
		Category Total	1,290,800	$	424,500

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

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

Country			**Quantity**		**Value**
ECUADOR (Continued)					

Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	203	$	35,357
		Category Total	203	$	35,357
Category XI		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
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	187	$	926,170
	(e)	Components, parts and associated equipment	265	$	673,182
	(f)	Technical data	4	$	3,690
		Category Total	456	$	1,603,042
Category XIII		Auxiliary Military Equipment			
	(a)	Cameras and specialized processing equipment. Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	6	$	2,200

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

EGYPT

Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	31	$	403,136
	*(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

Country			**Quantity**		**Value**
EGYPT (Continued)					
Category I (continued)		Firearms, Close Assault Weapons and Combat Shotguns			
	(i)	Technical data	1	$	200
		Category Total	42	$	404,522
Category II		Guns and Armament			
	(c)	Devices for launching or delivering ordnance	1	$	11,760
		Category Total	1	$	11,760
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h)	Components, parts and associated equipment	1	$	1,525,381
	(i)	Technical data	11	$	600
		Category Total		$	1,525,981

			12		
Category VI		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
Category VII		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
Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to 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
Country			**Quantity**		**Value**
EGYPT (Continued)					
Category VIII (continued)		Aircraft and Associated Equipment			
	*(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
Category IX		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
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	304	$	72,436
		Category Total	304	$	72,436
Category XI		Military Electronics			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	27	$	1,106,890
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	3	$	118,972
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	256	$	15,077,251
	(c)	Components, parts and associated equipment	10,950	$	11,627,248
	(d)	Technical data	504	$	193,068
		Category Total	11,740	$	28,123,429

Country		**Quantity**		**Value**
EGYPT (Continued)				
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment			

	*(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	$	168,000
	*(b)	Lasers	49	$	79,691
	*(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	$	6,416,422
	*(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	$	700,000
	(e)	Components, parts and associated equipment	265	$	180,065
	(f)	Technical data	12	$	1,710
		Category Total	334	$	7,545,888
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d)	Tear gases and riot control agents	33,770	$	458,090
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	32,270	$	800,160
		Category Total	66,040	$	1,258,250

Country			Quantity		Value
EGYPT (Continued)					
Category XV		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	7	$	6,317
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	31	$	548,232
	(f)	Technical data	1	$	100
		Category Total	39	$	554,649
Category XX		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			
EL SALVADOR					
Category 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
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	4,223,036	$	939,902

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

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

		Country Total Shipped			
EQUATORIAL GUINEA					
Category VIII		Aircraft and Associated Equipment			
	(i)	Technical data	1	$	1,000
		Category Total	1	$	1,000
Category XI		Military Electronics			
	(c)	Components, parts and associated equipment	2	$	5,678
		Category Total	2	$	5,678

Country			**Quantity**		**Value**
EQUATORIAL GUINEA (Continued)					
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	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					

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

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

Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	7	$	38,542
	*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	1,006	$	55,590
	(e)	Components, parts and associated equipment	6	$	11,313
	(f)	Technical data	1	$	50
		Category Total	1,020	$	105,495
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	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			

Country			**Quantity**		**Value**
ETHIOPIA					
Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	8	$	2,920
		Category Total		$	2,920

			8		
Category IX		Military Training Equipment and Training			
	(d)	Components, parts and associated equipment	600	$	814
		Category Total	600	$	814
Category XI		Military Electronics			
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	30	$	682,320
	(d)	Technical data	430	$	168,300
		Category Total	460	$	850,620
		Country Total Authorized	**1,068**	**$**	**854,354**
		Country Total Shipped			
FALKLAND ISLANDS					
Category IV		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	$	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					
Category 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
Category II		Guns and Armament			
	(j)	Components, parts and associated equipment	6	$	3,750
		Category Total	6	$	3,750
Category III		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
Category IV		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
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(b)	Propellants	384	$	3,479
	(c)	Pyrotechnics, fuels and related substances	3,373	$	97,649
		Category Total	3,757	$	101,128
Country			**Quantity**		**Value**
FINLAND (Continued)					
Category VI		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	1	$	692
		Category Total	1	$	692
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	57	$	26,053
		Category Total	57	$	26,053
Category VIII		Aircraft and Associated Equipment			
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	1	$	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
Category X		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

Category XI		Military Electronics			
	*(a)(4)	Electronic combat equipment	7,384	$	329,762
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	1	$	1,430
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	2	$	152,970
	(c)	Components, parts and associated equipment	43,453	$	4,019,121
	(d)	Technical data	798	$	341,161
		Category Total	51,638	$	4,844,444
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	300	$	355,851
Country			**Quantity**		**Value**
FINLAND (Continued)					
Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	19	$	158,941
	*(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			
	(e)	Armor and reactive armor and components, 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			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	59	$	6,120
		Category Total	59	$	6,120

Country			**Quantity**		**Value**
FINLAND (Continued)					
Category XV		Spacecraft Systems and Associated Equipment			
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	2	$	300,000
		Category Total	2	$	300,000
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	2	$	938,875
		Category Total	2	$	938,875
		Country Total Authorized	**32,147,587**	**$**	**74,922,529**
		Country Total Shipped			
FRANCE					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	8,993	$	3,785,920
	*(b)	Fully automatic firearms	2	$	3,200
	*(c)	Firearms and other weapons	20	$	7,700
	*(d)	Combat shotguns	2	$	2,550
	(f)	Riflescopes	172	$	79,404
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	413	$	118,976
	(h)	Components, parts and associated equipment	22,542	$	350,016
	(i)	Technical data	1	$	1
		Category Total	32,145	$	4,347,767
Category II		Guns and Armament			
	(j)	Components, parts and associated equipment	289	$	227,930
	(k)	Technical data	17	$	116
		Category Total	306	$	228,046

Country			**Quantity**		**Value**
FRANCE (Continued)					
Category III		Ammunition/Ordnance			

	*(a)	Ammunition/ordnance for Categories I & II articles	27,062,450	$	5,853,344
	*(d)(1)	Guidance and control components	502,000	$	251,306
	*(d)(2)	Safing, arming and fuzing components	2,700	$	10,283,352
	(d)(3)	All other components, parts and associated equipment	12,724,522	$	1,537,240
	(e)	Technical data	52	$	42,071
		Category Total	40,291,724	$	17,967,313
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	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
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(c)	Pyrotechnics, fuels and related substances	1,004,670	$	5,052,414
	*(e)	Binders	5,330	$	45,305
	(f)	Additives	35,270	$	666,391
	(h)	Technical data		$	400

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		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 in (a)	163	$	13,826,950
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	6	$	87,560
	(h)	Components, parts and associated equipment	157,807	$	117,512,945
	(i)	Technical data	151	$	419,424

		Category Total	158,224	$	132,762,329
Category IX		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)					
Category X		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
Category XI		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
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	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			
	*(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	787	$	6,276,433
	*(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	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			
	(a)	Cameras and specialized processing equipment. Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	12	$	585,072
	(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	103	$	172,502
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	167	$	11,000,082
	(f)	Structural materials	72	$	1,028,046
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	10,281	$	685,709
	(l)	Technical data	13	$	2,625
		Category Total	10,648	$	13,474,036

Country			**Quantity**		**Value**
FRANCE (Continued)					
Category XIV		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
Category XV		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning 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
Category XVI		Nuclear Weapons, Design and Testing Related Items			
	*(b)	Any article, etc. specifically designed for use in the devising, carrying out or evaluation of nuclear weapons tests or any other nuclear explosions (including for modeling or simulating the employment of nuclear weapons)	44	$	450,630
	(d)	Components, parts and associated equipment	80	$	1,099,687
		Category Total	124	$	1,550,317
Category XX		Submersible Vessels, Oceanographic and Associated Equipment			
	*(b)	Swimmer delivery vehicles	3	$	144,933
	(c)	Components, parts and associated equipment	5	$	92,667
Country			**Quantity**		**Value**

FRANCE (Continued)					
Category XX (continued)		Submersible Vessels, Oceanographic and Associated Equipment			
	(d)	Technical data	4	$	400
		Category Total	12	$	238,000
		Country Total Authorized	**41,763,727**	**$**	**365,330,821**
		Country Total Shipped			
FRENCH GUIANA					
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	1,500	$	281,230
	(h)	Components, parts and associated equipment	5,590	$	459,873
	(i)	Technical data	2	$	200
		Category Total	7,092	$	741,303
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(e)	Binders	1,640	$	13,940
	(f)	Additives	44	$	31,730
	(h)	Technical data	11	$	200
		Category Total	1,695	$	45,870
Category XV		Spacecraft Systems and Associated Equipment			
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	3,930	$	652,308

	(f)	Technical data	4	$	100
		Category Total	3,934	$	652,408
		Country Total Authorized	**12,721**	**$**	**1,439,581**
		Country Total Shipped			

Country			**Quantity**		**Value**
FRENCH POLYNESIA					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	5	$	4,429
		Category Total	5	$	4,429
Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	2	$	2,450
	(i)	Technical data	2	$	2
		Category Total	4	$	2,452
Category XI		Military Electronics			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	1	$	2,987
		Category Total	1	$	2,987
		Country Total Authorized	**10**	**$**	**9,868**
		Country Total Shipped			
GABON					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	51	$	28,404
		Category Total	51	$	28,404

Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	30,000	$	14,400
		Category Total	30,000	$	14,400
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	25	$	16,225
		Category Total	25	$	16,225

Country			**Quantity**		**Value**
GABON (Continued)					
Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	1,002	$	3,001,693
		Category Total	1,002	$	3,001,693
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	100	$	27,000
		Category Total	100	$	27,000
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	1	$	12,184
		Category Total	1	$	12,184
		Country Total Authorized	**31,179**	**$**	**3,099,906**

Country Total Shipped

GEORGIA

Category 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
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	8,076,215	$	7,099,300
	(e)	Technical data	250	$	50,000
		Category Total	8,076,465	$	7,149,300

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

	*(a)	Explosives	39,012	$	69,245
		Category Total	39,012	$	69,245
Category IX		Military Training Equipment and Training			
	(e)	Technical data	65	$	32,500
		Category Total	65	$	32,500
Category XI		Military Electronics			
	(a)(6)	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
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	160	$	1,941,280

Country		**Quantity**	**Value**
GEORGIA (Continued)			
Category XII (continued)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		

	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	2	$	18,470
		Category Total	162	$	1,959,750
		Country Total Authorized	**8,118,258**	**$**	**11,410,510**
		Country Total Shipped			
GERMANY					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	39,912	$	6,032,949
	*(b)	Fully automatic firearms	7	$	5,018
	*(c)	Firearms and other weapons	200	$	600,000
	(f)	Riflescopes	58,000	$	9,435,755
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	3,774	$	998,273
	(h)	Components, parts and associated equipment	401,832	$	32,387,531
	(i)	Technical data	20	$	2,000
		Category Total	503,745	$	49,461,526
Category II		Guns and Armament			
	*(a)	Guns over caliber .50	1	$	48,430
	(j)	Components, parts and associated equipment	6	$	44,995
		Category Total	7	$	93,425
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	134,539,520	$	7,840,477
	(b)	Ammunition/ordnance handling equipment	23	$	663,187
	(c)	Tooling and equipment	4	$	1,964
	*(d)(1)	Guidance and control components	146,575	$	29,020

	*(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)					
Category III (continued)		Ammunition/Ordnance			
	(e)	Technical data	249	$	379,534
		Category Total	244,463,322	$	20,107,641
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	2	$	3,148
	*(b)	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
Category V		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
Category VI		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	153	$	81,538
Country			**Quantity**		**Value**
GERMANY (Continued)					
Category VI (continued)		Vessels of War and Special Naval Equipment			
	(g)	Technical data	11	$	130,952
		Category Total	164	$	212,490
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	$	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
Category VIII		Aircraft and Associated Equipment			
	*(b)	Military aircraft engines	3	$	17,360,000
	*(c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	109	$	1,220,087
	(d)	Launching and recovery equipment for the articles in (a)	3	$	3,839,635

	*(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
Category IX		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
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	14,622	$	4,114,373
Country			**Quantity**		**Value**
GERMANY (Continued)					
Category X (continued)		Protective Personnel Equipment and Shelters			
	(b)	Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	3	$	642,930
	(c)	Tooling and equipment	245	$	2,110,593
	(d)	Components, parts and associated equipment	65,126	$	1,747,068
	(e)	Technical data	25	$	31,252
		Category Total	80,021	$	8,646,216
Category XI		Military Electronics			

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

Country		**Quantity**	**Value**
GERMANY (Continued)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		

	*(a)	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	7	$	4,904,750
	*(b)	Lasers	530	$	54,950,702
	*(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	2,120	$	7,461,538
	*(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
Category XIII		Auxiliary Military Equipment			
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	3	$	2,100,000
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	152	$	109,945
	(g)	Concealment and deception equipment	8	$	8,824

Country			**Quantity**		**Value**

GERMANY
(Continued)

Category XIII (continued)		Auxiliary Military Equipment			
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	513	$	46,532
	(l)	Technical data	15	$	53,601
		Category Total	691	$	2,318,902
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(c)	Chemical agent binary precursors and key precursors	20	$	10,000
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	96,564	$	3,821,627
	(m)	Technical data	30	$	3,226
		Category Total	96,614	$	3,834,853
Category XV		Spacecraft Systems and Associated Equipment			
	(b)	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
	(c)	Global positioning System (GPS) receiving equipment	778	$	3,728,832
	(d)	Radiation-hardened microelectronics	267	$	645,650
	(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.	2,957	$	10,042,300
	(f)	Technical data	63	$	1,723,417
		Category Total		$	25,240,199

			4,195		
Category XVI		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)					
Category XVIII		Directed Energy Weapons			
	(f)	Technical data	2	$	2
		Category Total	2	$	2
Category XX		Submersible Vessels, Oceanographic and Associated Equipment			
	(c)	Components, parts and associated equipment	142	$	740,059
	(d)	Technical data	2	$	1,001
		Category Total	144	$	741,060
		Country Total Authorized	**252,948,218**	**$**	**1,331,319,215**
		Country Total Shipped			

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

	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	8	$	52,000
		Category Total	8	$	52,000
		Country Total Authorized	**11**	**$**	**53,410**
		Country Total Shipped			
GREECE					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	59	$	52,387
	*(c)	Firearms and other weapons	10	$	617
	(h)	Components, parts and associated equipment	4,881	$	120,809
		Category Total	4,950	$	173,813
Country			**Quantity**		**Value**
GREECE (Continued)					
Category II		Guns and Armament			
	(k)	Technical data	4	$	3,100
		Category Total	4	$	3,100
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	1,508,400	$	235,380
	(d)(3)	All other components, parts and associated equipment	172,400	$	15,776
	(e)	Technical data	10	$	100
		Category Total	1,680,810	$	251,256
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			

	*(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
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(a)	Explosives	200	$	35,350
		Category Total	200	$	35,350
Category VI		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	1,279	$	838,287
		Category Total	1,279	$	838,287
Category VII		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)					
Category VIII		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
Category IX		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
Category X		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
Category XI		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
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	3,335	$	6,321,835
Country			**Quantity**		**Value**
GREECE (Continued)					
Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	50	$	555,436
	(e)	Components, parts and associated equipment	163	$	592,200
	(f)	Technical data	2	$	150
		Category Total	3,550	$	7,469,621
Category XIII		Auxiliary Military Equipment			
	(b)	Military Information Security Assurances 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
Category XIV		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
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

Country			**Quantity**		**Value**
GREECE (Continued)					
Category XV (continued)		Spacecraft Systems and Associated Equipment			
	(f)	Technical data	1	$	55,000
		Category Total	11	$	755,000
		Country Total Authorized	**2,083,032**	**$**	**91,123,530**
		Country Total Shipped			
GREENLAND					
Category 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
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	2,055,000	$	258,950
		Category Total	2,055,000	$	258,950
Category VIII		Aircraft and Associated Equipment			

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

Country			**Quantity**		**Value**
GRENADA					
Category 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
Category III		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			

GUATEMALA

Category 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
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	50	$	500,000
	(h)	Components, parts and associated equipment	465,600	$	7,460,000
		Category Total	465,650	$	7,960,000

Country			**Quantity**		**Value**
GUATEMALA (Continued)					
Category VI		Vessels of War and Special Naval Equipment			
	(b)	Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	3	$	652,158

		Category Total	3	$	652,158
Category VIII		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
Category X		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
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	8	$	70,832
	(e)	Components, parts and associated equipment	18	$	8,934
		Category Total	26	$	79,766
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d)	Tear gases and riot control agents	46,000	$	360,000
		Category Total	46,000	$	360,000
		Country Total Authorized	**16,534,453**	**$**	**28,356,136**
		Country Total Shipped			

Country	**Quantity**	**Value**

GUYANA

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

HAITI

Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	26	$	13,734
	(h)	Components, parts and associated equipment	242	$	5,560

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

		Category Total	4,680	$	53,977
		Country Total Authorized	**157,860**	**$**	**423,931**
		Country Total Shipped			
HONDURAS					
Category VI		Vessels of War and Special Naval Equipment			
	(g)	Technical data	13	$	520,000
		Category Total	13	$	520,000
Category VII		Tanks and Military Vehicles			
	(h)	Technical data	1	$	17,500
		Category Total	1	$	17,500

Country			**Quantity**		**Value**
HONDURAS (Continued)					
Category VIII		Aircraft and Associated Equipment			
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	8	$	242,456
	(h)	Components, parts and associated equipment	164	$	760,721
	(i)	Technical data	1	$	17,500
		Category Total	173	$	1,020,677
Category XI		Military Electronics			
	*(a)(5)	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
Category XIII		Auxiliary Military Equipment			
	(d)	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	20	$	19,900
		Category Total	20	$	19,900
Category XIV		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
Category XV		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	14	$	327,566
		Category Total	14	$	327,566
		Country Total Authorized	**35,282**	**$**	**4,157,600**
		Country Total Shipped			

Country			**Quantity**		**Value**
HONG KONG					
Category 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
		Category Total	1,379	$	136,579
Category III		Ammunition/Ordnance			

	*(a)	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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	1	$	1,432
	(h)	Components, parts and associated equipment	3,004	$	58,340
		Category Total	3,005	$	59,772
Category V		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
Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	58	$	94,665
		Category Total	58	$	94,665
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	60	$	116,520
	(d)	Components, parts and associated equipment	30	$	5,607
Country			**Quantity**		**Value**
HONG KONG (Continued)					
Category X (continued)		Protective Personnel Equipment and Shelters			
	(e)	Technical data	1	$	5,500

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

Country			Quantity		Value
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
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	340,900	$	202,191
	(d)(3)	All other components, parts and associated equipment	1,200	$	534
		Category Total	342,100	$	202,725
Category IV		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
Category VII		Tanks and Military Vehicles			
	*(a)	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	3	$	1,294,276
	(g)	Components, parts and associated equipment	1	$	25,383
	(h)	Technical data	2	$	35,724
		Category Total		$	1,355,383

			6		
Category VIII		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

Country			**Quantity**		**Value**
HUNGARY (Continued)					
Category IX		Military Training Equipment and Training			
	(e)	Technical data	1	$	100
		Category Total	1	$	100
Category XI		Military Electronics			
	*(a)(4)	Electronic combat equipment	9,120	$	331,056
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	8	$	52,000
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	1	$	15,000,000
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	2	$	100
	(c)	Components, parts and associated equipment	10,347	$	2,122,031
		Category Total	19,478	$	17,505,187
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	21	$	4,730,038
	(e)	Components, parts and associated equipment	135	$	45,546
		Category Total	156	$	4,775,584
Category XIII		Auxiliary Military Equipment			
	(a)	Cameras and specialized processing equipment. Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	1	$	1,000,000
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	1	$	250,000
Country			**Quantity**		**Value**
HUNGARY (Continued)					
Category XIII (continued)		Auxiliary Military Equipment			
	(g)	Concealment and deception equipment	1	$	150,000
		Category Total	3	$	1,400,000
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	20	$	3,852

	(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)	1,200	$	24,300
	(i)	Modeling or simulation tools specifically designed or modified for chemical or biological weapons design, development or employment	1	$	1
	(m)	Technical data	2	$	20
		Category Total	1,223	$	28,173
		Country Total Authorized	**397,538**	**$**	**76,044,161**
		Country Total Shipped			
ICELAND					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	253	$	99,429
	*(c)	Firearms and other weapons	100	$	312,500
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	24	$	9,590
	(h)	Components, parts and associated equipment	101	$	12,889
		Category Total	478	$	434,408
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	121,000	$	10,210
Country			**Quantity**		**Value**
ICELAND (Continued)					
Category III (continued)		Ammunition/Ordnance			
	*(d)(1)	Guidance and control components	3,954	$	70,000
	(d)(3)	All other components, parts and associated equipment	1,119,750	$	182,500

		Category Total	1,244,704	$	262,710
Category VIII		Aircraft and Associated Equipment			
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	3	$	216,049
	(h)	Components, parts and associated equipment	3	$	61,546
	(i)	Technical data	2	$	20
		Category Total	8	$	277,615
Category XI		Military Electronics			
	*(a)(2)	Underwater acoustic active and passive countermeasures and counter-countermeasures	3	$	101,209
	*(a)(3)(i)	Search radar systems	1	$	72,991
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	5	$	301,648
	(c)	Components, parts and associated equipment	70	$	1,081
		Category Total	79	$	476,929
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	10	$	107,300
	(e)	Components, parts and associated equipment	13	$	51,981
	(f)	Technical data	1	$	127
		Category Total	24	$	159,408

Country			**Quantity**		**Value**

ICELAND
(Continued)

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

INDIA

Category 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
Category II		Guns and Armament			
	*(a)	Guns over caliber .50			
	(k)	Technical data	46	$	2,300
		Category Total	46	$	2,300
Category III		Ammunition/Ordnance			
	*(a)	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

Country			**Quantity**		**Value**
INDIA (Continued)					
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	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
Category VI		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
Category VII		Tanks and Military Vehicles			

	*(a)	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	36	$	480,635
	(h)	Technical data	114	$	16,229,066
		Category Total	150	$	16,709,701
Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	18	$	54,792
	*(c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	200	$	517,800
	(d)	Launching and recovery equipment for the articles in (a)	2,985	$	2,800,712
Country			**Quantity**		**Value**
INDIA (Continued)					
Category VIII (continued)		Aircraft and Associated Equipment			
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	161	$	784,738
	(h)	Components, parts and associated equipment	771,892	$	112,225,439
	(i)	Technical data	6,012	$	2,200,320
		Category Total	781,268	$	118,583,801
Category IX		Military Training Equipment and Training			
	(a)	Training equipment	2	$	18,367
	(b)	Simulation devices for the items covered by this subchapter	10	$	26,641
	(d)	**Components, parts and associated equipment**	162	$	35,477
	(e)	Technical data	25	$	197,850

		Category Total	199	$	278,335
Category X		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
Category XI		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)					
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	3	$	3,520

	*(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	54,270	$	10,893,864
	*(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	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
Category XIII		Auxiliary Military Equipment			
	(a)	Cameras and specialized processing equipment. Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	65	$	529,250
	(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	8	$	313
	(e)	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)					
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	190	$	473,164
		Category Total	190	$	473,164
Category XV		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
Category XVI		Nuclear Weapons, Design and Testing Related Items			
	(e)	Technical data	2	$	200
		Category Total	2	$	200
Category XX		Submersible Vessels, Oceanographic and Associated Equipment			
	(c)	Components, parts and associated equipment	5	$	5
	(d)	Technical data	101	$	72,482
		Category Total	106	$	72,487
		Country Total Authorized	**3,058,194**	**$**	**217,481,104**

Country Total Shipped

INDONESIA

Category 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)					
Category I (continued)		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
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	105,374	$	95,890
	*(d)(2)	Safing, arming and fuzing components	100	$	49,400
		Category Total	105,474	$	145,290
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i)	Technical data	1	$	1,000
		Category Total	1	$	1,000
Category VI		Vessels of War and Special Naval Equipment			
	(g)	Technical data	3	$	251,005
		Category Total	3	$	251,005
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	1,570	$	311,810
		Category Total		$	311,810

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

	*(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
Category XII		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
	*(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	18	$	72,540
Country			**Quantity**		**Value**
INDONESIA (Continued)					
Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(e)	Components, parts and associated equipment	100	$	9,540
	(f)	Technical data	23	$	6,300
		Category Total	465	$	1,281,457
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			

	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	149	$	209,608
	(m)	Technical data	1	$	1
		Category Total	150	$	209,609
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	2	$	100,000
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	6	$	435,000
	(f)	Technical data	1	$	100
		Category Total	9	$	535,100
		Country Total Authorized	**131,788**	**$**	**90,575,454**
		Country Total Shipped			

IRAQ

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

IRAQ (Continued)

Category I (continued)		Firearms, Close Assault Weapons and Combat Shotguns			
	*(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
Category II		Guns and Armament			
	*(a)	Guns over caliber .50	2	$	4,620
	(c)	Devices for launching or delivering ordnance	24	$	926
	(j)	Components, parts and associated equipment	56	$	6,150
	(k)	Technical data	30	$	100,200
		Category Total	112	$	111,896
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	1,021,282	$	582,032
	(d)(3)	All other components, parts and associated equipment	3	$	39
	(e)	Technical data	10	$	100
		Category Total	1,021,295	$	582,171
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	385	$	14,700
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	30	$	599,250
	(h)	Components, parts and associated equipment	382	$	39,954
	(i)	Technical data		$	38,465

			11		
		Category Total	808	$	692,369

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

Category IX		Military Training Equipment and Training			
	(a)	Training equipment	778	$	427,102
	(d)	Components, parts and associated equipment	32	$	28,453
	(e)	Technical data	526	$	1,150,579
		Category Total	1,336	$	1,606,134
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	33,893	$	5,164,140
	(c)	Tooling and equipment	3	$	894
	(d)	Components, parts and associated equipment	1,392	$	2,247,298
Country			**Quantity**		**Value**
IRAQ (Continued)					
Category X (continued)		Protective Personnel Equipment and Shelters			
	(e)	Technical data	10	$	100,000
		Category Total	35,298	$	7,512,332
Category XI		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
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	107	$	11,325,000
	*(b)	Lasers	143	$	61,759,571
	*(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	58	$	222,512

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

	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	15	$ 555,000
	(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	10	$ 470,000
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	210	$ 247,937
	(g)	Concealment and deception equipment	40,000	$ 46,840,000
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	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		
	*(f)	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

Category XV		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	9	$	3,450,000
		Category Total	9	$	3,450,000
Category XVII		Classified Articles, Technical Data and Defense Services Not Otherwise Enumerated			
	(a)	All articles, technical data and defense services which are classified in the interests of national security and which are not otherwise enumerated in the USML	1	$	1,421
		Category Total	1	$	1,421
		Country Total Authorized	**2,388,815**	**$**	**1,517,272,443**
		Country Total Shipped			
IRELAND					
Category 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
Category II		Guns and Armament			
	(j)	Components, parts and associated equipment	64	$	227,948
		Category Total	64	$	227,948
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	2,098,602	$	474,002
Country			**Quantity**		**Value**
IRELAND (Continued)					
	(d)(3)	All other components, parts and associated equipment	10,000	$	50,000

	(e)	Technical data	21	$	560
		Category Total	2,108,623	$	524,562
Category IV		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
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	4,127	$	221,533
		Category Total	4,127	$	221,533
Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	55	$	184,239
	(i)	Technical data	51	$	1,350
		Category Total	106	$	185,589
Category IX		Military Training Equipment and Training			
	(e)	Technical data	1	$	500
		Category Total	1	$	500
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	1	$	2,050
	(d)	Components, parts and associated equipment	236	$	29,604
		Category Total	237	$	31,654
Category XI		Military Electronics			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	59	$	327,652

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

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

Country			**Quantity**		**Value**
ISRAEL					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	326	$	335,855
	*(b)	Fully automatic firearms	210	$	583,735
	*(e)	Silencers, mufflers and sound and flash suppressors	4	$	2,508
	(f)	Riflescopes	102	$	54,534
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	636	$	188,510
	(h)	Components, parts and associated equipment	333,706	$	3,120,382
		Category Total	334,984	$	4,285,524
Category II		Guns and Armament			
	*(a)	Guns over caliber .50	10	$	1,423,090
	(g)	Tooling and equipment	25	$	278,269
	(j)	Components, parts and associated equipment	1,284	$	1,089,483
	(k)	Technical data	168	$	3,550
		Category Total	1,487	$	2,794,392

Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	8,177,337	$	3,523,726
	*(d)(2)	Safing, arming and fuzing components	59,312	$	411,821
	(d)(3)	All other components, parts and associated equipment	258,436,797	$	52,251,469
	(e)	Technical data	44	$	53,050
		Category Total	266,673,490	$	56,240,066
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	186,132	$	28,307,612
	*(b)	Launch vehicles and missile and anti-missile systems	1	$	93,750
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	4,121	$	1,690,828
Country			**Quantity**		**Value**
ISRAEL (Continued)					
Category IV (continued)		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	2,022	$	306,187
	(h)	Components, parts and associated equipment	346,571	$	22,324,831
	(i)	Technical data	2,088	$	41,178
		Category Total	540,935	$	52,764,386

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

Category VIII		Aircraft and Associated Equipment			
	*(c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	371	$	99,185
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	28	$	552,309
	(h)	Components, parts and associated equipment	13,877,973	$	174,457,274
	(i)	Technical data	608	$	198,558
		Category Total	13,878,980	$	175,307,326
Category IX		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
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	2,022	$	194,404
	(b)	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		Military Electronics			
	*(a)(1)	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
Country			**Quantity**		**Value**
ISRAEL (Continued)					
Category XI (continued)		Military Electronics			
	(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
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	5	$	4,501,616
	*(b)	Lasers	136	$	591,281

	*(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	302	$	2,097,022
	*(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	1,505	$	6,673,549
	(e)	Components, parts and associated equipment	39,354	$	13,210,505
Country			**Quantity**		**Value**
ISRAEL (Continued)					
Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(f)	Technical data	1,267	$	80,186
		Category Total	42,569	$	27,154,159
Category XIII		Auxiliary Military Equipment			
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	11	$	56,240
	(c)	Self-contained diving and underwater breathing apparatus	7	$	4,663
	(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	5,025	$	8,284,746
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	17,021	$	5,455,782
	(f)	Structural materials	18	$	72,525

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

Country			**Quantity**		**Value**
ISRAEL (Continued)					
Category XIV (continued)		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	215,421	$	6,277,079
	(m)	Technical data	1	$	100
		Category Total	402,172	$	7,327,711
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	15	$	11,625
	(c)	Global positioning System (GPS) receiving equipment	3	$	6,141
	(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.	15,654	$	7,943,550
	(f)	Technical data	588	$	668,690
		Category Total	16,260	$	8,630,006
Category XX		Submersible Vessels, Oceanographic and Associated Equipment			
	(c)	Components, parts and associated equipment	8	$	333,274
	(d)	Technical data	100	$	10,000
		Category Total	108	$	343,274
		Country Total Authorized	**287,188,494**	**$**	**602,615,392**
		Country Total Shipped			

ITALY

Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	12,825	$	6,945,395
Country			**Quantity**		**Value**
ITALY (Continued)					
Category I (continued)		Firearms, Close Assault Weapons and Combat Shotguns			
	*(b)	Fully automatic firearms	477	$	988,605
	(f)	Riflescopes	59,165	$	9,178,170

	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	5,133	$	744,698
	(h)	Components, parts and associated equipment	187,288	$	22,830,920
	(i)	Technical data	17	$	712
		Category Total	264,905	$	40,688,500
Category II		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
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	235	$	565,222
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	6,820	$	278,397
	*(f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	9,780	$	1,455,816
	(h)	Components, parts and associated equipment	15,214	$	4,653,123

Country			Quantity		Value
ITALY (Continued)					
Category IV (continued)		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i)	Technical data	117	$	3,500
		Category Total	32,166	$	6,956,058
Category V		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
Category VI		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
Category VII		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
Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	2	$	352,339,054
	*(c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	183	$	2,383,087

	*(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
Country			**Quantity**		**Value**
ITALY (Continued)					
Category IX		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
Category X		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
Category XI		Military Electronics			
	*(a)(1)	Underwater sound equipment	6	$	941,927
	*(a)(3)(iv)	Moving target indication radar systems	4	$	536,000
	(a)(3)(vi)	Ground air traffic control radar systems	235	$	1,385,424
	*(a)(4)	Electronic combat equipment	52	$	218,400

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

Country		**Quantity**		**Value**
ITALY (Continued)				
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment			
*(a)	Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes	7	$	10,075,000
*(b)	Lasers	148	$	27,267,206

	*(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	441	$	5,536,228
	*(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	127	$	2,791,294
	(e)	Components, parts and associated equipment	5,447	$	11,580,307
	(f)	Technical data	2,416	$	284,568
		Category Total	8,586	$	57,534,603
Category XIII		Auxiliary Military Equipment			
	(a)	Cameras and specialized processing equipment. Photointerpretation, 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)					
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			

	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	30,804	$	620,756
	(m)	Technical data	500	$	50,000
		Category Total	31,304	$	670,756
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	30	$	2,100,000
	(d)	Radiation-hardened microelectronics	34	$	18,644
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	1,223	$	4,000,147
	(f)	Technical data	11	$	287,923
		Category Total	1,298	$	6,406,714
Category XVI		Nuclear Weapons, Design and Testing Related Items			
	*(c)	Nuclear radiation detection and measurement devices	4	$	243,058
	(d)	Components, parts and associated equipment	4	$	51,949
		Category Total	8	$	295,007
Category XX		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			

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
		Category Total	2,515	$	769,476
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	5,455,000	$	1,429,830
		Category Total	5,455,000	$	1,429,830
Category VII		Tanks and Military Vehicles			
	*(a)	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	12	$	3,691,890
	(g)	Components, parts and associated equipment	1	$	118,840
		Category Total	13	$	3,810,730
Category VIII		Aircraft and Associated Equipment			
	(i)	Technical data	1	$	1,000
		Category Total	1	$	1,000
Category IX		Military Training Equipment and Training			
	(b)	Simulation devices for the items covered by this subchapter	47	$	245,516
		Category Total	47	$	245,516
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	4	$	4,380

	(d)	Components, parts and associated equipment	7	$	770
		Category Total	11	$	5,150
Category XI		Military Electronics			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	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			
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			
	*(a)	Ammunition/ordnance for Categories I & II articles	10,682,502	$	3,758,373
	*(d)(1)	Guidance and control components	151,200	$	69,705
	(d)(3)	All other components, parts and associated equipment	4,869,807	$	1,611,777
	(e)	Technical data	2	$	200
		Category Total	15,703,511	$	5,440,055

Country			**Quantity**		**Value**
JAPAN (Continued)					
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	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
Category V		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)					
Category VI		Vessels of War and Special Naval Equipment			
	*(c)	Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems	6	$	22,310,183

	(f)	Components, parts and associated equipment	75,759	$	126,744,163
	(g)	Technical data	225	$	970,557
		Category Total	75,990	$	150,024,903
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	91,574	$	19,628,005
	(h)	Technical data	200	$	1,123,322
		Category Total	91,774	$	20,751,327
Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	6	$	228,951,764
	*(b)	Military aircraft engines	75	$	131,126,700
	*(c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	695	$	1,574,772
	(d)	Launching and recovery equipment for the articles in (a)	19	$	2,046,670
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation 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
Category IX		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)

Category IX (continued)		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
Category X		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
Category XI		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

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

		Category Total	20,425	$	157,715,323
Category XIII		Auxiliary Military Equipment			
	(a)	Cameras and specialized processing equipment. Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	477	$	4,610,104
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	2	$	1,500,295
	(c)	Self-contained diving and underwater breathing apparatus	490	$	34,828
Country			**Quantity**		**Value**
JAPAN (Continued)					
Category XIII (continued)		Auxiliary Military Equipment			
	(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	32	$	2,286
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	135	$	391,664
	(g)	Concealment and deception equipment	46	$	12,533
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	847	$	403,154
	(l)	Technical data	8	$	855
		Category Total	2,037	$	6,955,719
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			

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

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

JORDAN

Category 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)					
Category I (continued)		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

Category II		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
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	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	637	$	338,770
Category VI		Vessels of War and Special Naval Equipment			
	(g)	Technical data	1	$	500
		Category Total	1	$	500

Country	**Quantity**	**Value**

JORDAN
(Continued)

Category VII		Tanks and Military Vehicles			
	*(a)	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	5	$	147,395
	*(f)	Engines specifically designed or modified for the vehicles in (a), (b) and (e)	10	$	9,880
	(g)	Components, parts and associated equipment	2,329	$	3,662,147
	(h)	Technical data	10	$	170,080
		Category Total	2,354	$	3,989,502
Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	9	$	18,379,502
	*(b)	Military aircraft engines	2	$	1,845,000
	*(c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	260	$	74,575
	(h)	Components, parts and associated equipment	12,487	$	28,008,987
	(i)	Technical data	248	$	12,381,853
		Category Total	13,006	$	60,689,917
Category IX		Military Training Equipment and Training			
	(a)	Training equipment	46	$	190,430
	(d)	Components, parts and associated equipment	1,641	$	309,189
	(e)	Technical data	7	$	5,500
		Category Total	1,694	$	505,119
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	27	$	19,148
	(d)	Components, parts and associated equipment	102	$	58,824

		Category Total	129	$	77,972
Category XI		Military Electronics			
	*(a)(4)	Electronic combat equipment	12	$	483,345
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	19	$	1,797,558
Country			**Quantity**		**Value**
JORDAN (Continued)					
Category XI (continued)		Military Electronics			
	(c)	Components, parts and associated equipment	5,620	$	349,546
	(d)	Technical data	45,425	$	635,175
		Category Total	51,076	$	3,265,624
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	9	$	52,114
	*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	11	$	58,713
	(e)	Components, parts and associated equipment	727	$	1,663,044
	(f)	Technical data	25	$	4,109
		Category Total	772	$	1,777,980
Category XIV		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
Category XVIII		Directed Energy Weapons			
	(f)	Technical data	5	$	100
		Category Total	5	$	100
		Country Total Authorized	1,183,279	$	79,792,932
		Country Total Shipped			

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

	*(a)(5)	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
Category XV		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
		Country Total Shipped			

Country			**Quantity**		**Value**
KENYA					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(b)	Fully automatic firearms	12	$	134,580
		Category Total	12	$	134,580
Category VI		Vessels of War and Special Naval Equipment			
	(g)	Technical data	1	$	500

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

KOSOVO

Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	(f)	Riflescopes	63,000	$	3,646,200
Country			**Quantity**		**Value**

KOSOVO
(Continued)

Category I (continued)		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
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	10	$	4,433
		Category Total	10	$	4,433
Category XI		Military Electronics			
	(c)	Components, parts and associated equipment	4,001	$	60,941,844
		Category Total	4,001	$	60,941,844
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	5,001	$	4,995,400
		Category Total	5,001	$	4,995,400
		Country Total Authorized	1,524,012	$	166,588,087
		Country Total Shipped			

KUWAIT

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

			335,328		
Category II		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)					
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	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
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(b)	Propellants	3,650	$	56,392
	(c)	Pyrotechnics, fuels and related substances	3,650	$	56,392
	(h)	Technical data	1	$	1
		Category Total	7,301	$	112,785

Category VII		Tanks and Military Vehicles			
	*(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)					
Category VIII		Aircraft and Associated Equipment			
	*(b)	Military aircraft engines	18	$	193,412
	*(c)	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	30	$	135,278
	(h)	Components, parts and associated equipment	957	$	8,207,284
	(i)	Technical data	1,036	$	43,651
		Category Total	2,041	$	8,579,625
Category IX		Military Training Equipment and Training			
	(a)	Training equipment	72	$	6,941,681
	(b)	Simulation devices for the items covered by this subchapter	16	$	5,975,803
	(d)	Components, parts and associated equipment	4	$	1,477,366
	(e)	Technical data	7	$	638,680
		Category Total		$	15,033,530

			99		
Category X		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
Category XI		Military Electronics			
	*(a)(3)(v)	Imaging radar systems	2	$	17,000
	*(a)(4)	Electronic combat equipment	484	$	126,503,080
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	3,608	$	14,163,639
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	5	$	75,600
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	541	$	14,512,183
	(c)	Components, parts and associated equipment	8,077	$	337,525,242
	(d)	Technical data	457	$	183,710
		Category Total	13,174	$	492,980,454
Country			**Quantity**		**Value**
KUWAIT (Continued)					
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			

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

Country			Quantity		Value
KUWAIT (Continued)					
Category XIV (continued)		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	5,748	$	9,282,228
		Category Total	42,248	$	10,530,251
		Category Total			
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	15	$	16,650
		Category Total	15	$	16,650
		Country Total Authorized	1,591,964	$	922,958,056
		Country Total Shipped			
KYRGYZSTAN					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	(h)	Components, parts and associated equipment	610	$	53,565
		Category Total	610	$	53,565
Category IV		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

Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	345	$	67,191
		Category Total	345	$	67,191

Country			**Quantity**		**Value**
KYRGYZSTAN (Continued)					
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(e)	Components, parts and associated equipment	125	$	2,832
		Category Total	125	$	2,832
		Country Total Authorized	1,190	$	132,066
		Country Total Shipped			
LATVIA					
Category 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
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h)	Components, parts and associated equipment	31	$	868

		Category Total	31	$	868
Category VIII		Aircraft and Associated Equipment			
	(i)	Technical data	2	$	1,500
		Category Total	2	$	1,500
Category XI		Military Electronics			
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	68	$	1,459,036
	(c)	Components, parts and associated equipment	407	$	982,861
Country			**Quantity**		**Value**
LATVIA (Continued)					
Category XI (continued)		Military Electronics			
	(d)	Technical data	401	$	169,000
		Category Total	876	$	2,610,897
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	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
Category XV		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	4	$	9,636
		Category Total	4	$	9,636

		Country Total Authorized	70,338	$	4,418,126
		Country Total Shipped			
LEBANON					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	703	$	367,896
	*(b)	Fully automatic firearms	160	$	240,650
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	50	$	33,750
	(h)	Components, parts and associated equipment	155	$	3,887
		Category Total	1,068	$	646,183
Category III		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)					
Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	1	$	7,062,149
	(h)	Components, parts and associated equipment	44	$	1,026,725
	(i)	Technical data	12	$	60,000
		Category Total	57	$	8,148,874
Category XI		Military Electronics			
	*(a)(4)	Electronic combat equipment	1	$	175,314

	*(b)	Electronic systems or subsystems for use in surveillance and 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
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	802	$	656,550
	*(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	$	5,500
	(e)	Components, parts and associated equipment	1,330	$	39,304
	(f)	Technical data	1	$	50
		Category Total	2,134	$	701,404
Category XV		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
		Country Total Shipped			

Country		**Quantity**		**Value**
LIBERIA				
Category I	Firearms, Close Assault Weapons and Combat Shotguns			

	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	40	$	5,620
	(h)	Components, parts and associated equipment	1,955	$	20,434
	(i)	Technical data	16	$	1,600
		Category Total	2,011	$	27,654
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	1,300,000	$	293,500
		Category Total	1,300,000	$	293,500
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	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
Category XI		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			

LIBYA

Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	20,239	$	15,812,032

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

			5		
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	4	$	880
	(h)	Components, parts and associated equipment	30	$	1,183
		Category Total	278	$	116,032
Category III		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)					
Category IV		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
Category VI		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	5	$	57,905
		Category Total	5	$	57,905
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	13	$	989
	(h)	Technical data	4	$	7,612
		Category Total	17	$	8,601
Category VIII		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

Category X		Protective Personnel Equipment and Shelters			
	(d)	Components, parts and associated equipment	54	$	10,552
		Category Total	54	$	10,552
Category XI		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
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	3	$	304,245
	(e)	Components, parts and associated equipment	5	$	12,164
Country			**Quantity**		**Value**
LITHUANIA (Continued)					
Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(f)	Technical data	1	$	50
		Category Total	9	$	316,459
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(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			
LUXEMBOURG					
Category 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
Category III		Ammunition/Ordnance			
	(d)(3)	All other components, parts and associated equipment	1,301,000	$	248,160
		Category Total	1,301,000	$	248,160
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	384	$	306,048

Country			**Quantity**		**Value**
LUXEMBOURG (Continued)					
Category IV (continued)		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)	152	$	17,401,679
	(h)	Components, parts and associated equipment	961	$	51,124,728
	(i)	Technical data	4	$	1,201
		Category Total	1,501	$	68,833,656
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	2,090	$	55,330,115
	(h)	Technical data	307	$	51,102
		Category Total	2,397	$	55,381,217
Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	2	$	1,200,000
	(h)	Components, parts and associated equipment	2,644	$	43,064,031
	(i)	Technical data	4	$	53,385
		Category Total	2,650	$	44,317,416
Category IX		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
Category X		Protective Personnel Equipment and Shelters			
	(b)	Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	315	$	171,974
		Category Total	315	$	171,974
Category XI		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)					
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	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
Category XIII		Auxiliary Military Equipment			
	(b)	Military Information Security Assurances 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

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

Country			**Quantity**		**Value**
MACEDONIA					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(b)	Fully automatic firearms	22	$	163,020
		Category Total	22	$	163,020
Category V		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
Category VII		Tanks and Military Vehicles			
	*(a)	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	17	$	3,135,478
	(g)	Components, parts and associated equipment	93	$	61,164
	(h)	Technical data	30	$	2,480
		Category Total	140	$	3,199,122
Category VIII		Aircraft and Associated Equipment			

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

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	5	$	244,285
	(e)	Components, parts and associated equipment	152	$	161,471
		Category Total	157	$	405,756
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	402	$	7,240
		Category Total	402	$	7,240
Category XVI		Nuclear Weapons, Design and Testing Related Items			
	(d)	Components, parts and associated equipment	1	$	1,875
		Category Total	1	$	1,875
		Country Total Authorized	11,382	$	5,630,952
		Country Total Shipped			

Country			**Quantity**		**Value**
MADAGASCAR					
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			
	*(b)	Launch vehicles and missile and anti-missile systems	8	$	297,600
	(h)	Components, parts and associated equipment	3,204	$	431,062
	(i)	Technical data	2	$	4,000
		Category Total	3,214	$	732,662

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

		Category Total	283	$	10,484,787
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	4,435	$	1,774,398
	(d)	Components, parts and associated equipment	603	$	18,009
		Category Total	5,038	$	1,792,407
Category XI		Military Electronics			
	*(a)(1)	Underwater sound equipment	1	$	17,993
	*(a)(4)	Electronic combat equipment	4,501	$	243,025
Country			**Quantity**		**Value**
MALAYSIA (Continued)					
Category XI (continued)		Military Electronics			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	57	$	1,391,600
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	1	$	160,000
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	57	$	7,812,983
	(c)	Components, parts and associated equipment	2,593	$	8,368,692
	(d)	Technical data	1,093	$	199,867
		Category Total	8,303	$	18,194,160
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	10	$	10,480

*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	4	$	986,742
*(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	114	$	2,688,521
(e)	Components, parts and associated equipment	2,009	$	1,763,942
(f)	Technical data	13	$	30,299
	Category Total	2,150	$	5,479,984

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

Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	1,686	$	98,910
		Category Total	1,686	$	98,910
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
	(c)	Global positioning System (GPS) receiving equipment	71	$	463,898
	(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.	2,002	$	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			
	*(b)	Swimmer delivery vehicles	11	$	720,613
	(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			

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			
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			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	46	$	178,462
		Category Total	46	$	178,462
		Country Total Authorized	2,155	$	377,500
		Country Total Shipped			

MAURITANIA

Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(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	$	247,848
	(e)	Components, parts and associated equipment	1	$	3,331
		Category Total	2	$	251,179
		Country Total Authorized	2	$	251,179
		Country Total Shipped			

MAURITIUS

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

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

	(f)	Riflescopes	25	$	1,300
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	50	$	15,150
	(h)	Components, parts and associated equipment	1,637,519	$	1,953,110
	(i)	Technical data	21	$	2,209
		Category Total	1,656,324	$	24,592,476
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	10,725,870	$	5,716,399
	(c)	Tooling and equipment	2	$	50,594
Country			**Quantity**		**Value**
MEXICO (Continued)					
Category III (continued)		Ammunition/Ordnance			
	(d)(3)	All other components, parts and associated equipment	2,200	$	861,916
	(e)	Technical data	1	$	10
		Category Total	10,728,073	$	6,623,919
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	5,464	$	652,755
	*(b)	Launch vehicles and missile and anti-missile systems	1	$	100,000
	(c)	Devices and materials for the handling, control, activation, monitoring, 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
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(b)	Propellants	500	$	126,524
	(f)	Additives	130,409	$	2,265,698
	(h)	Technical data	1	$	50
		Category Total	130,910	$	2,392,272
Category VI		Vessels of War and Special Naval Equipment			
	(b)	Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	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)					
Category VII		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
Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	7	$	63,743,196
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	18	$	721,788

	(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
Category IX		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
Category X		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
Category XI		Military Electronics			
	*(a)(3)(i)	Search radar systems	7	$	1,561,422
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	1,429	$	46,291,226
Country			**Quantity**		**Value**
MEXICO (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	4	$	79,996

	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	169	$	6,006,768
	(c)	Components, parts and associated equipment	29,074,400	$	482,755,914
	(d)	Technical data	507	$	328,022
		Category Total	29,076,516	$	537,023,348
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	1	$	42,500
	*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	265	$	3,493,200
	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	7	$	257,285
	(e)	Components, parts and associated equipment	30	$	14,105,843
	(f)	Technical data	211	$	6,655
		Category Total	514	$	17,905,483
Country			**Quantity**		**Value**

MEXICO
(Continued)

Category XIII		Auxiliary Military Equipment			
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	6	$	6,350
	(d)	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	1,804	$	4,183,372
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	435	$	1,519,620
	(f)	Structural materials	1	$	1
	(h)	Energy conversion devices for producing electrical energy from 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
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d)	Tear gases and riot control agents	21,523	$	476,350
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	25,327	$	1,086,397
		Category Total	46,850	$	1,562,747
Category XV		Spacecraft Systems and Associated Equipment			

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

Country			**Quantity**		**Value**
MEXICO (Continued)					
Category XX		Submersible Vessels, Oceanographic and Associated Equipment			
	(c)	Components, parts and associated equipment	1	$	1
		Category Total	1	$	1
		Country Total Authorized	45,910,143	$	970,468,573
		Country Total Shipped			
MICRONESIA					
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i)	Technical data	14	$	478,464
		Category Total	14	$	478,464
Category VI		Vessels of War and Special Naval Equipment			
	(g)	Technical data	14	$	478,464
		Category Total	14	$	478,464
Category VIII		Aircraft and Associated Equipment			
	(i)	Technical data	14	$	478,464
		Category Total	14	$	478,464
		Country Total Authorized	42	$	1,435,392

		Country Total Shipped			
MONACO					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	1	$	2,950
		Category Total	1	$	2,950
		Country Total Authorized	1	$	2,950
		Country Total Shipped			
MONGOLIA					
Cateogry VII		Tanks and Military Vehicles			
	(h)	Technical data	1	$	500
		Category Total	1	$	500

Country			**Quantity**		**Value**
MONGOLIA (Continued)					
Category XI		Military Electronics			
	(c)	Components, parts and associated equipment	4	$	1,064
		Category Total	4	$	1,064
		Country Total Authorized	5	$	1,564
		Country Total Shipped			
MONTENEGRO					
Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	2	$	6,500
		Category Total	2	$	6,500
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	170	$	34,680

		Category Total	170	$	34,680
		Country Total Authorized	172	$	41,180
		Country Total Shipped			
MONTSERRAT					
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	40,000	$	15,450
		Category Total	40,000	$	15,450
		Country Total Authorized	40,000	$	15,450
		Country Total Shipped			
MOROCCO					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	14	$	64,000
	(f)	Riflescopes	7	$	3,580
		Category Total	21	$	67,580
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h)	Components, parts and associated equipment	168	$	18,725
Country			**Quantity**		**Value**
MOROCCO (Continued)					
Category IV (continued)		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i)	Technical data	16	$	2,505
		Category Total	184	$	21,230

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

Country			**Quantity**		**Value**

MOROCCO
(Continued)

Category IX		Military Training Equipment and Training			
	(e)	Technical data	1	$	150
		Category Total	1	$	150
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	80	$	69,600
		Category Total	80	$	69,600
Category XI		Military Electronics			
	*(a)(3)(i)	Search radar systems	10	$	1,225,000
	(a)(3)(vi)	Ground air traffic control radar systems	340	$	109,030
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	6	$	129,349
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	22	$	602,144
	(c)	Components, parts and associated equipment	1,667	$	4,558,465
	(d)	Technical data	410	$	170,416
		Category Total	2,455	$	6,794,404
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	103	$	16,936,311
	(e)	Components, parts and associated equipment	5	$	6,460
	(f)	Technical data	2	$	200

		Category Total	110	$	16,942,971

Country			**Quantity**		**Value**
MOROCCO (Continued)					
Category XIII		Auxiliary Military Equipment			
	(a)	Cameras and specialized processing equipment. Photointerpretation, 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			
NEPAL					
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i)	Technical data	1	$	1
		Category Total	1	$	1
Category VIII		Aircraft and Associated Equipment			
	(i)	Technical data	1	$	1
		Category Total	1	$	1
Category IX		Military Training Equipment and Training			
	(e)	Technical data	1	$	1
		Category Total	1	$	1

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

Country			**Quantity**		**Value**
NETHERLANDS					
Category 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
Category II		Guns and Armament			
	(j)	Components, parts and associated equipment	276	$	910,055
	(k)	Technical data	1	$	1,000
		Category Total	277	$	911,055

Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	15,592,040	$	628,352
	(b)	Ammunition/ordnance handling equipment	195	$	47,181
	(c)	Tooling and equipment	31	$	29,489
	*(d)(1)	Guidance and control components	3,303	$	373,532
	(d)(3)	All other components, parts and associated equipment	125,648	$	1,222,397
	(e)	Technical data	5	$	30,080
		Category Total	15,721,222	$	2,331,031
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	372	$	2,414,280
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	1	$	5,413
Country			**Quantity**		**Value**
NETHERLANDS (Continued)					
Category IV (continued)		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	12	$	1,650
	(h)	Components, parts and associated equipment	19,251	$	5,877,124
	(i)	Technical data	64	$	412,168
		Category Total	19,700	$	8,710,635

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

Country			**Quantity**		**Value**
NETHERLANDS (Continued)					
Category VIII (continued)		Aircraft and Associated Equipment			

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

	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	3	$	48,330

Country			**Quantity**		**Value**
NETHERLANDS (Continued)					
Category XI (continued)		Military Electronics			
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	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
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	39	$	2,621,400
	*(b)	Lasers	54	$	202,261
	*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	386	$	6,382,446

	*(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	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

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

	(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)	468	$	8,007
	(m)	Technical data	3	$	474
		Category Total	3,610	$	429,674
Category XV		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	2,151	$	2,546,914
	(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

Country			**Quantity**		**Value**
NETHERLANDS (Continued)					
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	5	$	2,442,032
	(c)	Components, parts and associated equipment	3	$	399,546
		Category Total	8	$	2,841,578
		Country Total Authorized	16,354,054	$	287,402,784
		Country Total Shipped			

NETHERLANDS ANTILLES					
Category 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
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	1,021,000	$	184,690
		Category Total	1,021,000	$	184,690
Catwgory VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	5	$	11,755
	(h)	Technical data	10	$	5,000
		Category Total	15	$	16,755
Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	1,248	$	46,000,032
		Category Total	1,248	$	46,000,032
Category XI		Military Electronics			
	(c)	Components, parts and associated equipment	378	$	91,902
	(d)	Technical data	1	$	100
		Category Total	379	$	92,002
Country			**Quantity**		**Value**
NETHERLANDS ANTILLES (Continued)					
Category XV		Spacecraft Systems and Associated Equipment			

	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	309	$	105,053
		Category Total	309	$	105,053
		Country Total Authorized	1,023,086	$	46,425,340
		Country Total Shipped			
NEW CALEDONIA					
Category 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
Category II		Guns and Armament			
	*(a)	Guns over caliber .50	1	$	6,231
		Category Total	1	$	6,231
Category III		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
Category VIII		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			

Country			Quantity		Value
NEW ZEALAND					
Category 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
Category II		Guns and Armament			
	(j)	Components, parts and associated equipment	36	$	39,840
	(k)	Technical data	2	$	2
		Category Total	38	$	39,842
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	224	$	6,978

	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	902	$	121,214
	(h)	Components, parts and associated equipment	258	$	123,132
		Category Total	1,384	$	251,324

Country			**Quantity**		**Value**
NEW ZEALAND (Continued)					
Category V		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
Category VI		Vessels of War and Special Naval Equipment			
	*(c)	Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems	2	$	12,782,127
	(f)	Components, parts and associated equipment	228	$	12,797,715
		Category Total	230	$	25,579,842
Category VII		Tanks and Military Vehicles			
	*(a)	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	3	$	293,700
	(g)	Components, parts and associated equipment	53	$	8,035,171
	(h)	Technical data	2	$	2,000
		Category Total	58	$	8,330,871

Category VIII		Aircraft and Associated Equipment			
	*(a)	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
	*(e)	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
Country			**Quantity**		**Value**
NEW ZEALAND (Continued)					
Category VIII (continued)		Aircraft and Associated Equipment			
	(i)	Technical data	19	$	351,340
		Category Total	1,494	$	80,892,991
Category IX		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
Category X		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
Category XI		Military Electronics			
	*(a)(1)	Underwater sound equipment	312	$	608,620
	*(a)(2)	Underwater acoustic active and passive countermeasures and counter-countermeasures	53	$	94,340
	*(a)(3)(v)	Imaging radar systems	6	$	17,127,372
	*(a)(4)	Electronic combat equipment	15	$	7,200
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	118	$	2,708,907
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	12	$	7,607,568
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	43	$	49,513,512
	(c)	Components, parts and associated equipment	3,899	$	51,714,057
	(d)	Technical data	438	$	178,031
		Category Total	4,896	$	129,559,607

Country			**Quantity**		**Value**
NEW ZEALAND (Continued)					
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			

	*(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
	*(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	296	$	15,935,160
	*(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	$	91,332
	(e)	Components, parts and associated equipment	4,965	$	915,697
	(f)	Technical data	46	$	1,400
		Category Total	6,055	$	17,155,057
Category XIII		Auxiliary Military Equipment			
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	1,264	$	2,020,172
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	20	$	31,050
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	3	$	4,680
		Category Total	1,287	$	2,055,902

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

Country			**Quantity**		**Value**
NICARAGUA					
Category 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
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	17,525,046	$	803,320
		Category Total	17,525,046	$	803,320
		Country Total Authorized	17,531,228	$	1,563,374
		Country Total Shipped			
NIGER					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	1	$	1,090
		Category Total	1	$	1,090
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i)	Technical data	1	$	1,000
		Category Total	1	$	1,000
Category VIII		Aircraft and Associated Equipment			

	(h)	Components, parts and associated equipment	20,002	$	4,012,480
	(i)	Technical data	1	$	1
		Category Total	20,003	$	4,012,481
		Country Total Authorized	20,005	$	4,014,571
		Country Total Shipped			
NIGERIA					
Category VI		Vessels of War and Special Naval Equipment			
	(g)	Technical data	1	$	500
		Category Total	1	$	500

Country			**Quantity**		**Value**
NIGERIA (Continued)					
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	160	$	338,838
	(h)	Technical data	1	$	65,000
		Category Total	161	$	403,838
Category VIII		Aircraft and Associated Equipment			
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	1	$	39,600
	(h)	Components, parts and associated equipment	18	$	22,211
	(i)	Technical data	1	$	5,000
		Category Total	20	$	66,811
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	800	$	143,200

	(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
Category XI		Military Electronics			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	15	$	281,222
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	44	$	778,704
	(c)	Components, parts and associated equipment	196	$	328,154
	(d)	Technical data	401	$	168,001
		Category Total	656	$	1,556,081

Country			**Quantity**		**Value**
NIGERIA (Continued)					
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	1	$	1,126,000
	(e)	Components, parts and associated equipment	26	$	21,973
	(f)	Technical data	11	$	1,100
		Category Total		$	1,149,073

			38		
		Country Total Authorized	1,678	$	3,351,495
		Country Total Shipped			
NORWAY					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	5,660	$	3,036,117
	*(e)	Silencers, mufflers and sound and flash suppressors	111	$	46,299
	(f)	Riflescopes	1	$	828
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	334	$	90,012
	(h)	Components, parts and associated equipment	45,800	$	858,803
	(i)	Technical data	1	$	100
		Category Total	51,907	$	4,032,159
Category II		Guns and Armament			
	(c)	Devices for launching or delivering ordnance	2	$	69,168
	(h)	Test and evaluation equipment	1	$	112
	(i)	Autoloading systems for electronic programming of projectile function	4	$	51,278
	(j)	Components, parts and associated equipment	5	$	50
	(k)	Technical data	12	$	120,608
		Category Total			

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

	*(d)(2)	Safing, arming and fuzing components	10	$	17
	(d)(3)	All other components, parts and associated equipment	19,758,200	$	2,608,135
	(e)	Technical data	9	$	900
		Category Total	30,726,744	$	5,146,448
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	385	$	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
Category V		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)					
Category VI		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
Category VII		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
Category VIII		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
Category IX		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
Category X		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
Category XI		Military Electronics			
	*(a)(1)	Underwater sound equipment	1	$	6,500
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	54	$	696,834
	(a)(7)	Any experimental or developmental electronic equipment specifically designed or modified for military application	2	$	230,000
Country			**Quantity**		**Value**
NORWAY (Continued)					
Category XI (continued)		Military Electronics			
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	7	$	355,590
	(c)	Components, parts and associated equipment	6,358	$	27,484,529
	(d)	Technical data	1,368	$	171,696
		Category Total	7,790	$	28,945,149
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	47	$	3,966,787
	*(b)	Lasers	6,612	$	5,894,458

	*(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	960	$ 25,554,787
	*(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
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	412	$ 4,122
		Category Total	412	$ 4,122
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	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
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	2	$	859,733

Country			**Quantity**		**Value**
NORWAY (Continued)					
Category XX (continued)		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			

OMAN

Category 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
Category II		Guns and Armament			
	*(a)	Guns over caliber .50	6	$	989,622
	(k)	Technical data	7	$	33,100
		Category Total	13	$	1,022,722
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	540	$	1,638
	(d)(3)	All other components, parts and associated equipment	9,000	$	45,000
	(e)	Technical data	10	$	500
		Category Total	9,550	$	47,138
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	140	$	817,040
	(h)	Components, parts and associated equipment	440	$	1,003,593
		Category Total	580	$	1,820,633

Country			**Quantity**		**Value**
OMAN (Continued)					
Category VI		Vessels of War and Special Naval Equipment			

	(g)	Technical data	1	$	225
		Category Total	1	$	225
Category VII		Tanks and Military Vehicles			
	*(a)	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
Category VIII		Aircraft and Associated Equipment			
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	1	$	72,500
	(h)	Components, parts and associated equipment	2,793	$	10,284,981
	(i)	Technical data	7	$	2,700
		Category Total	2,801	$	10,360,181
Category IX		Military Training Equipment and Training			
	(a)	Training equipment	32	$	2,209
	(e)	Technical data	21	$	20,500
		Category Total	53	$	22,709
Category X		Protective Personnel Equipment and Shelters			
	(d)	Components, parts and associated equipment	12	$	1,035
		Category Total	12	$	1,035
Category XI		Military Electronics			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	2	$	177,252

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

Country			**Quantity**		**Value**
OMAN (Continued)					
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	240	$	320,940
	*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	3	$	153,777
	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	13	$	2,929,035
	(e)	Components, parts and associated equipment	36	$	123,232
	(f)	Technical data	17	$	13,602
		Category Total	309	$	3,540,586
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	657	$	209,776
		Category Total	657	$	209,776

		Country Total Authorized	62,253	$	21,921,501
		Country Total Shipped			
PAKISTAN					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	1,590	$	1,023,351
	*(b)	Fully automatic firearms	7	$	16,311
	(f)	Riflescopes	10	$	7,280
Country			**Quantity**		**Value**
PAKISTAN (Continued)					
Category I (continued)		Firearms, Close Assault Weapons and Combat Shotguns			
	*(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
Category II		Guns and Armament			
	(j)	Components, parts and associated equipment	1	$	44,643
		Category Total	1	$	44,643
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	540,525	$	1,225,267
	*(d)(2)	Safing, arming and fuzing components	9,510	$	1,979,520
	(d)(3)	All other components, parts and associated equipment	20	$	2,000
	(e)	Technical data	160	$	3,680
		Category Total	550,215	$	3,210,467
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			

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

Country			**Quantity**	**Value**
PAKISTAN (Continued)				
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(b)	Propellants	4,001	$ 61,735
	(f)	Additives	23	$ 18,055
		Category Total	4,024	$ 79,790
Category VI		Vessels of War and Special Naval Equipment		
	(b)	Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	4	$ 64,000
	(f)	Components, parts and associated equipment	12	$ 3,168
		Category Total		$ 67,168

			16		
Category VII		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
Category VIII		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
Category IX		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
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	512	$	462,179
	(d)	Components, parts and associated equipment	3,973	$	470,644
	(e)	Technical data	1	$	50,000
		Category Total	4,486	$	982,823

Country			**Quantity**		**Value**
PAKISTAN (Continued)					
Category XI		Military Electronics			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	15	$	137,970

	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	50	$	47,500
	(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
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	3	$	113,250
	*(b)	Lasers	1,035	$	1,128,910
	*(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	723	$	33,425,278
	*(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)

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

PANAMA

Category 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
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	260,000	$	80,600
		Category Total	260,000	$	80,600

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

	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	37	$	72,705
	(d)	Technical data	3	$	2,100
		Category Total	40	$	74,805
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	13	$	126,335
Country			**Quantity**		**Value**
PANAMA (Continued)					
Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(e)	Components, parts and associated equipment	3	$	1,143
	(f)	Technical data	13	$	13
		Category Total	29	$	127,491
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d)	Tear gases and riot control agents	18,600	$	248,952
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	400,000	$	6,750,000
		Category Total	418,600	$	6,998,952
		Country Total Authorized	681,599	$	8,534,076
		Country Total Shipped			

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

Country			**Quantity**		**Value**
PAPUA NEW GUINEA (Continued)					
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1	$	84,835
		Category Total	1	$	84,835

Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	14,700	$	201,740
		Category Total	14,700	$	201,740
		Country Total Authorized	14,738	$	636,050
		Country Total Shipped			
PARAGUAY					
Category 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
Category III		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
Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	4	$	6,656
Country			**Quantity**		**Value**
PARAGUAY (Continued)					
Category VIII (continued)		Aircraft and Associated Equipment			
	(i)	Technical data	1	$	1,000
		Category Total	5	$	7,656
		Country Total Authorized		$	794,839

			4,984,059		
		Country Total Shipped			

PERU

Category 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
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	7,849,020	$	1,168,600
		Category Total	7,849,020	$	1,168,600
Category IV		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
Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	1,068	$	19,169,387
	(i)	Technical data	132	$	131,500
		Category Total	1,200	$	19,300,887
Category X		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

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

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

Country			**Quantity**		**Value**
PERU (Continued)					
Category XV		Spacecraft Systems and Associated Equipment			
	(f)	Technical data	2	$	200
		Category Total	2	$	200
		Country Total Authorized	7,876,569	$	26,072,768
		Country Total Shipped			
PHILIPPINES					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	16,298	$	7,073,662
	*(b)	Fully automatic firearms	67	$	64,358
	*(c)	Firearms and other weapons	113	$	76,180
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	4,959	$	689,612
	(h)	Components, parts and associated equipment	157,438	$	2,556,176
		Category Total	178,875	$	10,459,988
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	8,492,060	$	2,914,362
	(b)	Ammunition/ordnance handling equipment	1	$	35,532
	(c)	Tooling and equipment	22	$	310,840
	*(d)(1)	Guidance and control components	66	$	37,051

	(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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	67	$	278,900
	(i)	Technical data	66	$	91,200
		Category Total	133	$	370,100

Country			**Quantity**		**Value**
PHILIPPINES (Continued)					
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(c)	Pyrotechnics, fuels and related substances	249	$	3,718
		Category Total	249	$	3,718
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	810	$	70,709
	(h)	Technical data	4	$	70,100
		Category Total	814	$	140,709
Category VIII		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

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

Country			**Quantity**		**Value**
PHILIPPINES (Continued)					
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	17	$	24,072

	*(b)	Lasers	25	$	25,105
	*(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	27	$	96,945
	*(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	$	200,000
	(e)	Components, parts and associated equipment	57	$	35,910
	(f)	Technical data	2	$	100
		Category Total	129	$	382,132
Category XIII		Auxiliary Military Equipment			
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	5	$	389,200
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	2	$	2,222
	(l)	Technical data	1	$	50,000
		Category Total	8	$	441,422

Country		**Quantity**		**Value**
PHILIPPINES (Continued)				
Category XV	Spacecraft Systems and Associated Equipment			

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

POLAND

Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	681	$	352,307
	(f)	Riflescopes	152	$	75,600
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	50	$	12,146
	(h)	Components, parts and associated equipment	303	$	13,529
		Category Total	1,186	$	453,582
Category II		Guns and Armament			
	*(a)	Guns over caliber .50	1	$	200,000
	(j)	Components, parts and associated equipment	10	$	19,758
		Category Total	11	$	219,758
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	3,454,000	$	915,680
	(d)(3)	All other components, parts and associated equipment	122,500	$	612,500
	(e)	Technical data	10	$	500
		Category Total	3,576,510	$	1,528,680
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			

	(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)					
Category IV (continued)		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	8	$	5,680
	(h)	Components, parts and associated equipment	3,010	$	97,011
	(i)	Technical data	28	$	14,000
		Category Total	3,047	$	121,191
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(d)	Oxidizers	2,000	$	8,700
		Category Total	2,000	$	8,700
Category VI		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	8	$	9,038
		Category Total	8	$	9,038
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	613	$	625,411
	(h)	Technical data	53	$	25,831
		Category Total	666	$	651,242
Category VIII		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
Category IX		Military Training Equipment and Training			
	(b)	Simulation devices for the items covered by this subchapter	5	$	322,796
	(d)	Components, parts and associated equipment	6	$	28,750
		Category Total	11	$	351,546
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	6,103	$	1,975,226

Country			**Quantity**		**Value**
POLAND (Continued)					
Category X (continued)		Protective Personnel Equipment and Shelters			
	(d)	Components, parts and associated equipment	4	$	1,703
		Category Total	6,107	$	1,976,929
Category XI		Military Electronics			
	*(a)(5)	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
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	10	$	250,000
	*(b)	Lasers	165	$	418,903
	*(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

Country			**Quantity**		**Value**
POLAND (Continued)					
Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	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
Category XIII		Auxiliary Military Equipment			

	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	1,400	$	68,628
		Category Total	1,400	$	68,628
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	20	$	635
		Category Total	20	$	635
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
	(c)	Global positioning System (GPS) receiving equipment	1	$	1,015
		Category Total	11	$	701,015
Category XX		Submersible Vessels, Oceanographic and Associated Equipment			
	*(b)	Swimmer delivery vehicles	13	$	737,539
	(c)	Components, parts and associated equipment	49	$	243,621
Country			**Quantity**		**Value**
POLAND (Continued)					
Category XX (continued)		Submersible Vessels, Oceanographic and Associated Equipment			
	(d)	Technical data	1	$	11,278
		Category Total	63	$	992,438
		Country Total Authorized	3,676,072	$	346,240,797

Country Total Shipped

PORTUGAL

Category 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
Category II		Guns and Armament			
	(g)	Tooling and equipment	4	$	6,136
	(j)	Components, parts and associated equipment	1	$	48,809
		Category Total	5	$	54,945
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	1,444,600	$	768,274
		Category Total	1,444,600	$	768,274
Category IV		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
Category V		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)

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

	(b)	Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	50	$	1,950
		Category Total	54	$	2,444
Category XI		Military Electronics			
	*(a)(1)	Underwater sound equipment	2	$	24,766
	*(a)(2)	Underwater acoustic active and passive countermeasures and counter-countermeasures	1,008	$	1,182,888
Country			**Quantity**		**Value**
PORTUGAL (Continued)					
Category XI (continued)		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
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	20	$	20,720,433
	*(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	15	$	60,159
	(e)	Components, parts and associated equipment	59	$	1,172,033
	(f)	Technical data	1	$	1
		Category Total	95	$	21,952,626
Category XIII		Auxiliary Military Equipment			
	(g)	Concealment and deception equipment	90	$	18,253
Country			**Quantity**		**Value**
PORTUGAL (Continued)					
Category XIII (continued)		Auxiliary Military Equipment			
	(l)	Technical data	1	$	10
		Category Total	91	$	18,263
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	1	$	44,000
		Category Total	1	$	44,000
		Country Total Authorized		$	65,876,236

			1,518,039		
		Country Total Shipped			

QATAR

Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	7	$	4,693
	*(d)	Combat shotguns	2	$	5,398
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	1	$	312
	(h)	Components, parts and associated equipment	260	$	2,077
	(i)	Technical data	1	$	100
		Category Total	271	$	12,580
Category II		Guns and Armament			
	(k)	Technical data	1	$	100
		Category Total	1	$	100
Category III		Ammunition/Ordnance			
	(e)	Technical data	1	$	100
		Category Total	1	$	100

Country			**Quantity**		**Value**
QATAR (Continued)					
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			

	(c)	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
Category VI		Vessels of War and Special Naval Equipment			
	(f)	Components, parts and associated equipment	6	$	367,002
		Category Total	6	$	367,002
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	1	$	1,200
	(h)	Technical data	3	$	1,100
		Category Total	4	$	2,300
Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	2	$	460,000,000
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	18	$	492,894
	(h)	Components, parts and associated equipment	200	$	73,033,735
	(i)	Technical data	19	$	4,360
		Category Total	239	$	533,530,989
Category IX		Military Training Equipment and Training			
	(e)	Technical data	27	$	1,500
		Category Total	27	$	1,500
Category X		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			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	101	$	101,200,000
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	2	$	15,050,000
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	30	$	2,707,420
	(c)	Components, parts and associated equipment	119	$	29,791,048
	(d)	Technical data	409	$	172,800
		Category Total	661	$	148,921,268
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	3	$	4,875,000
	*(b)	Lasers	1	$	20,000,000

	*(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	12	$ 482,938
	(e)	Components, parts and associated equipment	34	$ 163,903
	(f)	Technical data	7	$ 1,110
		Category Total	57	$ 25,522,951

Country			**Quantity**	**Value**
QATAR (Continued)				
Category XIII		Auxiliary Military Equipment		
	(a)	Cameras and specialized processing equipment. Photointerpretation, 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
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	500	$ 2,588,000
		Category Total	500	$ 2,588,000

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

ROMANIA

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

Country			**Quantity**		**Value**
ROMANIA (Continued)					
Category I (continued)		Firearms, Close Assault Weapons and Combat Shotguns			
	(i)	Technical data	1	$	5,000
		Category Total	4	$	5,299
Category III		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
Category IV		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)	56	$	53,027
	(h)	Components, parts and associated equipment	20	$	560
	(i)	Technical data	3	$	5,000
		Category Total	79	$	58,587
Category VI		Vessels of War and Special Naval Equipment			
	(g)	Technical data	3	$	175,720
		Category Total	3	$	175,720
Category VII		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
Category VIII		Aircraft and Associated Equipment			
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	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)					
Category IX		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
Category XI		Military Electronics			
	*(a)(3)(i)	Search radar systems	17	$	95,983,496
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	38	$	1,500,235
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	67	$	1,919,481
	(c)	Components, parts and associated equipment	801	$	5,454,275
	(d)	Technical data	1,492	$	187,850
		Category Total	2,415	$	105,045,337
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	10	$	434,682
	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	31	$	4,273,000
	(e)	Components, parts and associated equipment	196	$	25,034
	(f)	Technical data	1	$	32,660
		Category Total	238	$	4,765,376
Country			**Quantity**		**Value**

ROMANIA
(Continued)

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

RUSSIA

Category 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
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	1,327,000	$	546,668
	(d)(3)	All other components, parts and associated equipment	5,343,854	$	643,720
	(e)	Technical data	1	$	1,000
		Category Total		$	1,191,388

			6,670,855		
Category IV		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)					
Category IV (continued)		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
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(h)	Technical data	1	$	1,000
		Category Total	1	$	1,000
Category VIII		Aircraft and Associated Equipment			
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	1	$	18,950
	(h)	Components, parts and associated equipment	37	$	77,916
	(i)	Technical data	3	$	201,000
		Category Total	41	$	297,866
Category IX		Military Training Equipment and Training			
	(c)	Tooling and equipment	39	$	450,273
		Category Total	39	$	450,273

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

Country			**Quantity**		**Value**
RUSSIA (Continued)					
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	10	$	52,000
	(e)	Components, parts and associated equipment	26	$	20,323
		Category Total	36	$	72,323
Category XV		Spacecraft Systems and Associated Equipment			
	(c)	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			
RWANDA					
Category VII		Tanks and Military Vehicles			
	(h)	Technical data	1	$	500
		Category Total	1	$	500
Category IX		Military Training Equipment and Training			
	(a)	Training equipment	2,400	$	19,944
		Category Total	2,400	$	19,944
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	2,600	$	442,352
		Category Total	2,600	$	442,352

Country			**Quantity**		**Value**
RWANDA (Continued)					
Category XI		Military Electronics			
	(c)	Components, parts and associated equipment	25	$	10,068
		Category Total	25	$	10,068
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			

	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1	$	200,000
		Category Total	1	$	200,000
		Country Total Authorized	5,027	$	672,864
		Country Total Shipped			
SAIPAN					
Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	36	$	2,446
		Category Total	36	$	2,446
		Country Total Authorized	36	$	2,446
		Country Total Shipped			
SAN MARINO					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	2	$	625
		Category Total	2	$	625
		Country Total Authorized	2	$	625
		Country Total Shipped			

Country	**Quantity**	**Value**
SAUDI ARABIA		

Category 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			
Category II		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
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	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)					
Category V		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
Category VI		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
Category VII		Tanks and Military Vehicles			
	*(a)	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	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

Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	2	$	2,189,774
	*(e)	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	608,626	$	263,122,333
	(i)	Technical data	317	$	211,540
		Category Total	608,953	$	265,766,103
Category IX		Military Training Equipment and Training			
	(a)	Training equipment	126	$	7,589,382
Country			**Quantity**		**Value**
SAUDI ARABIA (Continued)					
Category IX (continued)		Military Training Equipment and Training			
	(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
Category X		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		$	300

			3		
		Category Total	392	$	513,040
Category XI		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
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	500	$	400,000
Country			**Quantity**		**Value**
SAUDI ARABIA (Continued)					
Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	165	$	15,977,138

	*(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	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
Category XIII		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

Country			**Quantity**		**Value**
SAUDI ARABIA (Continued)					
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			

	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	150	$	49,176
		Category Total	150	$	49,176
Category XV		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	119	$	517,196
	(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.	54	$	116,712
	(f)	Technical data	1	$	100
		Category Total	174	$	634,008
Category XVIII		Directed Energy Weapons			
	(f)	Technical data	5	$	100
		Category Total	5	$	100
		Country Total Authorized	1,253,529	$	499,015,531
		Country Total Shipped			

SENEGAL

Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and asscociated equipment	9	$	1,596
		Category Total	9	$	1,596
		Country Total Authorized	9	$	1,596
		Country Total Shipped			

SERBIA

Category I		Firearms, Close Assault Weapons and Combat Shotguns			

	*(a)	Nonautomatic and semi-automatic firearms	214	$	117,580
Country			**Quantity**		**Value**
SERBIA (Continued)					
Category I (continued)		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
Category II		Guns and Armament			
	(k)	Technical data	2	$	200
		Category Total	2	$	200
Category III		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
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	216	$	49,528
		Category Total	216	$	49,528
Category XI		Military Electronics			
	(d)	Technical data	3	$	300
		Category Total	3	$	300
Category XVI		Nuclear Weapons, Design and Testing Related Items			
	*(c)	Nuclear radiation detection and measurement devices	2	$	13,788
		Category Total	2	$	13,788
		Country Total Authorized	68,418	$	324,130
		Country Total Shipped			

SIERRA LEONE

Category XI		Military Electronics			
	*(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

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

SINGAPORE

Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	100	$	161,561
	*(d)	Combat shotguns	24	$	12,239
	*(e)	Silencers, mufflers and sound and flash suppressors	3	$	2,715
	(f)	Riflescopes	6	$	15,311
	(h)	Components, parts and associated equipment	8,204	$	157,153
	(i)	Technical data	2	$	28,524
		Category Total	8,339	$	377,503
Category II		Guns and Armament			
	*(a)	Guns over caliber .50		$	21,125,226

			1		
	(h)	Test and evaluation equipment	1	$	20
	(j)	Components, parts and associated equipment	421	$	121,816
		Category Total	423	$	21,247,062
Category III		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
Category IV		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)					
Category IV (continued)		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	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
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(b)	Propellants		$	860,928

			135,366		
	(h)	Technical data	2	$	200
		Category Total	135,368	$	861,128
Category VI		Vessels of War and Special Naval Equipment			
	(b)	Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	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
Category VII		Tanks and Military Vehicles			
	(c)	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
Category VIII		Aircraft and Associated Equipment			
	*(a)	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)					
Category VIII (continued)		Aircraft and Associated Equipment			
	(d)	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 Reference Systems	25	$	9,979,968
	(h)	Components, parts and associated equipment	96,881	$	681,891,451
	(i)	Technical data	51	$	158,982
		Category Total	97,015	$	4,443,079,945
Category IX		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
Category X		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
Category XI		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)					
Category XI (continued)		Military Electronics			
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	79	$	8,248,764
	(c)	Components, parts and associated equipment	186,995	$	51,091,955
	(d)	Technical data	967	$	772,731
		Category Total	2,236,618	$	302,058,630
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	5	$	438,000
	*(b)	Lasers	404	$	318,766
	*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	2,011	$	289,228,417

	*(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	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

Country			**Quantity**	**Value**
SINGAPORE (Continued)				
Category XIII		Auxiliary Military Equipment		
	(a)	Cameras and specialized processing equipment. Photointerpretation, 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
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		

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

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

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

SLOVAKIA

Category 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
Category III		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
		Category Total	6,227,250	$	482,687
Category VII		Tanks and Military Vehicles			
	(h)	Technical data	2	$	20,000
		Category Total	2	$	20,000
Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	4	$	1,988

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

Country			**Quantity**		**Value**
SLOVAKIA (Continued)					
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			

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

SLOVENIA

Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	47	$	14,828
	(h)	Components, parts and associated equipment	282	$	3,760
		Category Total	329	$	18,588
Category II		Guns and Armament			
	(j)	Components, parts and associated equipment	24	$	15,000
		Category Total	24	$	15,000
Category III		Ammunition/Ordnance			
	(b)	Ammunition/ordnance handling equipment	1	$	9,200
	(d)(3)	All other components, parts and associated equipment	68,163	$	560,984
	(e)	Technical data	22	$	1,200
		Category Total	68,186	$	571,384
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(h)	Components, parts and associated equipment	93	$	2,604
		Category Total	93	$	2,604
Category VII		Tanks and Military Vehicles			
	(g)	Components, parts and associated equipment	24	$	33,339

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

	*(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	$	357,534
	(e)	Components, parts and associated equipment	1,071	$	330,299
		Category Total	1,083	$	690,033

Country			**Quantity**		**Value**
SLOVENIA (Continued)					
Category XIV	(h)	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
Category XV		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	110	$	209,000
		Category Total	110	$	209,000
		Country Total Authorized	79,769	$	6,368,248
		Country Total Shipped			
SOMALIA					
Category XI		Military Electronics			
	(c)	Components, parts and associated equipment	10	$	4,264
		Category Total	10	$	4,264
		Country Total Authorized	10	$	4,264

Country Total Shipped

SOUTH AFRICA

Category 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
Category II		Guns and Armament			
	(k)	Technical data	1	$	100
		Category Total	1	$	100

Country			**Quantity**		**Value**
SOUTH AFRICA (Continued)					
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	4,063,200	$	724,520
	(c)	Tooling and equipment	2	$	49,500
	*(d)(1)	Guidance and control components	189,500	$	73,110
	(d)(3)	All other components, parts and associated equipment	22,198,333	$	3,408,930
	(e)	Technical data	101	$	20,925
		Category Total	26,451,136	$	4,276,985
Category IV		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
Category VI		Vessels of War and Special Naval Equipment			
	(g)	Technical data	2	$	32,000,100
		Category Total	2	$	32,000,100
Category VII		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
Category VIII		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
Category IX		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)					
Category IX (continued)		Military Training Equipment and Training			
	(e)	Technical data	6	$	3,000
		Category Total	23	$	246,978
Category X		Protective Personnel Equipment and Shelters			
	(d)	Components, parts and associated equipment	32	$	1,248
		Category Total	32	$	1,248

Category XI		Military Electronics			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	39	$	764,712
	*(b)	Electronic systems or subsystems for use in surveillance and 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
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	11	$	21,851
	*(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	$	4,875
	*(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	119	$	533,144
	(e)	Components, parts and associated equipment	177	$	1,027,207
Country			**Quantity**		**Value**
SOUTH AFRICA (Continued)					
Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(f)	Technical data	8	$	2,548

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

Country	**Quantity**	**Value**

SOUTH AFRICA
(Continued)

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

SOUTH KOREA

Category 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
Category II		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

Country			**Quantity**		**Value**
SOUTH KOREA (Continued)					
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	48,350	$	212,132
	(b)	Ammunition/ordnance handling equipment	200	$	15,000
	(c)	Tooling and equipment	79	$	405,446
	*(d)(1)	Guidance and control components	3,500,000	$	70,000
	*(d)(2)	Safing, arming and fuzing components	50,000	$	589,000
	(d)(3)	All other components, parts and associated equipment	2,284,054	$	450,009
	(e)	Technical data	2	$	200
		Category Total	5,882,685	$	1,741,787
Category IV		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)	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

Category V		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

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

	(g)	Components, parts and associated equipment	323,859	$	45,771,691
	(h)	Technical data	8,208	$	7,910,171
		Category Total	332,103	$	56,017,532
Category VIII		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 (Continued)					
Category VIII (continued)		Aircraft and Associated Equipment			
	(i)	Technical data	1,739	$	4,500,099
		Category Total	1,288,769	$	960,698,125
Category IX		Military Training Equipment and Training			
	(a)	Training equipment	510	$	3,890,379
	(b)	Simulation devices for the items covered by this subchapter	14	$	5,077,853
	(c)	Tooling and equipment	5	$	32,968
	(d)	Components, parts and associated equipment	726	$	4,968,569
	(e)	Technical data	289	$	6,279,817

		Category Total	1,544	$	20,249,586
Category X		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
Category XI		Military Electronics			
	*(a)(1)	Underwater sound equipment	7,640	$	14,321,119
	*(a)(3)(i)	Search radar systems	1	$	7,500,000
	*(a)(3)(iii)	Tracking radar systems	6	$	210,382
	(a)(3)(vi)	Ground air traffic control radar systems	13	$	244,278
	*(a)(4)	Electronic combat equipment	478,604	$	9,718,209
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	270	$	21,509,649
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	35	$	7,221,463
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	24	$	129,363
	(c)	Components, parts and associated equipment	56,810	$	201,141,850
Country			**Quantity**		**Value**
SOUTH KOREA (Continued)					
Category XI		Military Electronics			
	(d)	Technical data	844	$	2,673,807
		Category Total	544,247	$	264,670,120

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	26	$	215,617,846
	*(b)	Lasers	5,145	$	53,407,938
	*(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	1,568	$	15,682,551
	*(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			
	(a)	Cameras and specialized processing equipment. Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	114	$	374,036

Country	**Quantity**	**Value**

SOUTH KOREA
(Continued)

Category XIII (continued)		Auxiliary Military Equipment			
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	28	$	1,553,880
	(d)	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	408	$	951,066
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	3,539,789	$	16,322,554
	(f)	Structural materials	1	$	267,679
	(g)	Concealment and deception equipment	753	$	1,681,141
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	118	$	159,112
	(l)	Technical data	9	$	602
		Category Total	3,541,220	$	21,310,070
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d)	Tear gases and riot control agents	1,190	$	59,880
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	65,493	$	954,125
	(m)	Technical data	2	$	100
		Category Total	66,685	$	1,014,105

Country			Quantity		Value
SOUTH KOREA (Continued)					
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	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
	(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.	2,720	$	4,880,170
	(f)	Technical data	128	$	185,418
		Category Total	2,866	$	9,279,576
Category XX		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			

SPAIN

Category 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)					
Category I (continued)		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
Category II		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
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	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	6,906	$	5,674,229

Country			**Quantity**		**Value**
SPAIN (Continued)					
Category V		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
Category VI		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
Category VII		Tanks and Military Vehicles			

	*(a)	Military type armed or armored vehicles, military railway trains and vehicles specifically designed to accommodate military equipment	10	$	2,455,310
	(g)	Components, parts and associated equipment	107,049	$	9,854,165
	(h)	Technical data	177	$	792,909
		Category Total	107,236	$	13,102,384
Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	7	$	5,162,988
	(d)	Launching and recovery equipment for the articles in (a)	1	$	980,000
	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	30	$	2,445,869
	(h)	Components, parts and associated equipment	2,609,113	$	87,191,640
	(i)	Technical data	554	$	339,361
		Category Total	2,609,705	$	96,119,858
Category IX		Military Training Equipment and Training			
	(b)	Simulation devices for the items covered by this subchapter	48	$	177,283
Country			**Quantity**		**Value**
SPAIN (Continued)					
Category IX (continued)		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
Category X		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
Category XI		Military Electronics			
	*(a)(2)	Underwater acoustic active and passive countermeasures and counter-countermeasures	95	$	141,150
	*(a)(3)(i)	Search radar systems	3	$	7,362
	*(a)(4)	Electronic combat equipment	2,635	$	616,126
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	186	$	7,053,836
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	45	$	1,992,988
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	346	$	1,052,876
	(c)	Components, parts and associated equipment	87,882	$	35,191,053
	(d)	Technical data	2,072	$	369,958
		Category Total	93,264	$	46,425,349

Country		**Quantity**	**Value**
SPAIN (Continued)			

Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(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	$	932,000
	*(b)	Lasers	107	$	747,846
	*(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	349	$	8,285,580
	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	85	$	3,203,166
	(e)	Components, parts and associated equipment	5,469	$	9,732,998
	(f)	Technical data	198	$	55,255
		Category Total	6,228	$	22,956,845
Category XIII		Auxiliary Military Equipment			
	(a)	Cameras and specialized processing equipment. Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	1	$	2,000

	(d)	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes or woven cloths in three or more dimensional planes	1	$	2,250
Country			**Quantity**		**Value**
SPAIN (Continued)					
Category XIII (continued)		Auxiliary Military Equipment			
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	250	$	50,000
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	386	$	11,780
	(l)	Technical data	1	$	3,000
		Category Total	639	$	69,030
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	123	$	80,906
	(m)	Technical data	2	$	4,000
		Category Total	125	$	84,906
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	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

Country			**Quantity**		**Value**
SPAIN (Continued)					
Category XVI		Nuclear Weapons, Design and Testing Related Items			
	(d)	Components, parts and associated equipment	6	$	10,128
		Category Total	6	$	10,128
Category XX		Submersible Vessels, Oceanographic and Associated Equipment			
	(c)	Components, parts and associated equipment	82	$	113,263
	(d)	Technical data	1	$	100
		Category Total	83	$	113,363
		Country Total Authorized	129,293,373	$	310,122,065
		Country Total Shipped			
SRI LANKA					
Category VIII		Aircraft and Associated Equipment			
	(i)	Technical data	1	$	700
		Category Total	1	$	700
Category XI		Military Electronics			
	(c)	Components, parts and associated equipment	395	$	340,032

		Category Total	395	$	340,032
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	51	$	206,940
	(e)	Components, parts and associated equipment	8	$	196,807
		Category Total	59	$	403,747
Category XIII		Auxiliary Military Equipment			
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	6	$	23,100

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

	*(a)	Ammunition/ordnance for Categories I & II articles	50,050	$	19,747
		Category Total	50,050	$	19,747
Category IV		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
Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	3,020	$	76,960
	(i)	Technical data	2	$	200
		Category Total	3,022	$	77,160
		Country Total Authorized	1,501,349	$	287,792
		Country Total Shipped			
ST LUCIA					
Category 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)					
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	315,000	$	82,150
		Category Total	315,000	$	82,150
		Country Total Authorized	315,063	$	99,973
		Country Total Shipped			

ST VINCENT & GRENADINES

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

SURINAME

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

Country	**Quantity**	**Value**

SWEDEN

Category 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
Category II		Guns and Armament			
	(h)	Test and evaluation equipment	1	$	107,000
	(k)	Technical data	5	$	42,852
		Category Total	6	$	149,852
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	27	$	112,461

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

	*(e)	Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	1	$	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
Category IX		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)					
Category X		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
Category XI		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
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	45	$	257,348
	*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	51,481	$	39,519,927

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

	(e)	Components, parts and associated equipment	1,973	$	2,853,247
	(f)	Technical data	30	$	6,000
		Category Total	53,725	$	47,296,960
Category XIII		Auxiliary Military Equipment			
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	40	$	5,000
	(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	6	$	6
	(h)	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
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d)	Tear gases and riot control agents	980	$	12,945
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	5,025	$	457,919

Country		**Quantity**		**Value**
SWEDEN (Continued)				
Category XIV (continued)	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			

	(h)	Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a) and vaccines with the sole purpose of protecting against biological agents identified in (b)	4,000	$	78,400
		Category Total	10,005	$	549,264
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	3	$	2,890,479
	(c)	Global positioning System (GPS) receiving equipment	4	$	5,676
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	108	$	517,018
	(f)	Technical data	73	$	476,812
		Category Total	188	$	3,889,985
Category XVI		Nuclear Weapons, Design and Testing Related Items			
	*(c)	Nuclear radiation detection and measurement devices	9	$	10,710
		Category Total	9	$	10,710
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	2	$	1,363,759

Country			**Quantity**		**Value**

SWEDEN
(Continued)

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

SWITZERLAND

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

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

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

Country			**Quantity**		**Value**
SWITZERLAND (Continued)					
Category XI		Military Electronics			
	*(b)	Electronic systems or subsystems for use in surveillance and electronic systems or equipment designed to counteract electronic surveillance	33	$	270,097
	(c)	Components, parts and associated equipment	1,254	$	3,620,260
	(d)	Technical data	11	$	739,126
		Category Total	1,298	$	4,629,483
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	2,766	$	1,797,036

	*(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	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
Category XIII		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

Country			**Quantity**		**Value**
SWITZERLAND (Continued)					
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	30	$	1,500
		Category Total	30	$	1,500
Category XV		Spacecraft Systems and Associated Equipment			

	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	36	$	220,810
	(f)	Technical data	14	$	4,535
		Category Total	50	$	225,345
		Country Total Authorized	17,285,898	$	77,651,420
		Country Total Shipped			
TAIWAN					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	117	$	529,572
	*(e)	Silencers, mufflers and sound and flash suppressors	105	$	69,090
	(f)	Riflescopes	264	$	212,589
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	13	$	5,330
	(h)	Components, parts and associated equipment	1,427	$	312,994
	(i)	Technical data	21	$	21
		Category Total	1,947	$	1,129,596
Category II		Guns and Armament			
	(j)	Components, parts and associated equipment	7	$	49,492
	(k)	Technical data	1	$	100
		Category Total	8	$	49,592
Country			**Quantity**		**Value**
TAIWAN (Continued)					
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	6,471,877	$	4,383,271

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

	(h)	Technical data	27	$	532,166
		Category Total	11,753	$	1,306,773
Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	79,756	$	95,023,651
	(i)	Technical data	256	$	95,436
		Category Total	80,012	$	95,119,087
Category IX		Military Training Equipment and Training			
	(b)	Simulation devices for 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
Category X		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
Category XI		Military Electronics			
	*(a)(1)	Underwater sound equipment	6,305	$	9,215,775
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	2	$	4,228
	(c)	Components, parts and associated equipment	284,244	$	99,347,641
	(d)	Technical data	1,328	$	861,846
		Category Total	291,879	$	109,467,490
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	$	162,100
	*(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
Country			**Quantity**		**Value**
TAIWAN (Continued)					
Category XII (continued)		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	654	$	1,142,266
Category XIII		Auxiliary Military Equipment			
	(a)	Cameras and specialized processing equipment. Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	35	$	6,742
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	1	$	4,160
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	1	$	9,362
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	941	$	55,939

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

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

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

Country			**Quantity**		**Value**
TANZANIA, UNITED REPUBLIC OF (Continued)					
Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	(e)	Components, parts and associated equipment	1	$	200
		Category Total	5	$	1,874,084
		Country Total Authorized	10,217	$	1,885,444
		Country Total Shipped			

THAILAND

Category 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
Category II		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
Category III		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)					

Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	33,718	$	658,094
	(c)	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
Category V		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
Category VI		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
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	$	550,000
	(g)	Components, parts and associated equipment	10,606	$	1,594,720
	(h)	Technical data		$	82,000

			8		
		Category Total	10,615	$	2,226,720

Country			**Quantity**		**Value**
THAILAND (Continued)					
Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	3	$	760,359
	*(b)	Military aircraft engines	6	$	1,500,000
	(h)	Components, parts and associated equipment	128,975	$	97,671,491
	(i)	Technical data	15	$	209,157
		Category Total	128,999	$	100,141,007
Category IX		Military Training Equipment and Training			
	(a)	Training equipment	18	$	262,668
	(d)	Components, parts and associated equipment	292	$	454,870
	(e)	Technical data	1	$	100
		Category Total	311	$	717,638
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	46	$	99,443
	(b)	Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	2	$	44,806
	(c)	Tooling and equipment	113	$	95,668
	(d)	Components, parts and associated equipment	12	$	37,576
		Category Total	173	$	277,493
Category XI		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
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	625	$	1,292,805
	*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	550	$	9,107,172
	*(d)	Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	14	$	26,915

	(e)	Components, parts and associated equipment	5,517	$	1,504,270
	(f)	Technical data	88	$	9,133
		Category Total	6,794	$	11,940,295
Category XIII		Auxiliary Military Equipment			
	(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	3,481	$	67,072
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d)	Tear gases and riot control agents	40	$	906
Country			**Quantity**		**Value**
THAILAND (Continued)					
Category XIV (continued)		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	9,688	$	361,475
	(m)	Technical data	2	$	200
		Category Total	9,730	$	362,581
Category XV		Spacecraft Systems and Associated Equipment			

	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	3	$	104,000
	(f)	Technical data	3	$	104,000
		Category Total	6	$	208,000
		Country Total Authorized	90,939,041	$	199,305,414
		Country Total Shipped			
TOGO					
Category XXI		Miscellaneous Articles			
	(b)	Technical data	1	$	351,816
		Category Total	1	$	351,816
		Country Total Authorized	1	$	351,816
		Country Total Shipped			
TRINIDAD AND TOBAGO					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	1,524	$	903,142
	*(b)	Fully automatic firearms	16	$	17,000
	(h)	Components, parts and associated equipment	48	$	858
	(i)	Technical data	2	$	2,190
		Category Total	1,590	$	923,190
Country			**Quantity**		**Value**
TRINIDAD AND TOBAGO (Continued)					
Category II		Guns and Armament			
	(j)	Components, parts and associated equipment	5	$	2,250

		Category Total	5	$	2,250
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	10	$	98,000
	(h)	Components, parts and associated equipment	2	$	10,989
	(i)	Technical data	1	$	10,000
		Category Total	13	$	118,989
Category VI		Vessels of War and Special Naval Equipment			
	(b)	Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	2	$	645,424
	(f)	Components, parts and associated equipment	4	$	9,140
		Category Total	6	$	654,564
Category VIII		Aircraft and Associated Equipment			
	(i)	Technical data	1	$	2,000
		Category Total	1	$	2,000
Category X		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			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	10	$	66,385
	*(b)	Electronic systems or subsystems for use in surveillance and 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
Category XII		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(b)	Lasers	46	$	52,840
	*(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	$	1,492,500
		Category Total	48	$	1,545,340
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	(d)	Tear gases and riot control agents	1,210	$	26,027

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

Country			**Quantity**		**Value**
TUNISIA					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	210	$	476,462
	(f)	Riflescopes	4	$	11,300
	(h)	Components, parts and associated equipment	1,032	$	31,257
		Category Total	1,246	$	519,019
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	100	$	32,500
		Category Total	100	$	32,500
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	6	$	7,596
	(i)	Technical data	10	$	1,000
		Category Total	16	$	8,596
Category VIII		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
Category IX		Military Training Equipment and Training			
	(e)	Technical data	10	$	1,000
		Category Total	10	$	1,000
Category XI		Military Electronics			
	*(a)(5)	Command, control and communications systems to include radios (transceivers), navigation and identification equipment	15	$	532,945
	(c)	Components, parts and associated equipment	134	$	334,991
	(d)	Technical data	454	$	178,755
		Category Total	603	$	1,046,691

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

TURKEY

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
Category III		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)					
Category III (continued)		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

Category IV		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
Category V		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
Category VI		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)		

Category VII		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
Category VIII		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
Category IX		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
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	1,808	$	383,426
	(c)	Tooling and equipment		$	104,340

			155		
	(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 electronic systems or equipment designed to counteract electronic surveillance	128	$	17,843,655
	(c)	Components, parts and associated equipment	45,325	$	427,143,599
	(d)	Technical data	371	$	398,030
		Category Total	48,341	$	526,355,848

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	3	$	4,875,000
	*(b)	Lasers	81	$	21,181,560

Country			**Quantity**		**Value**
TURKEY (Continued)					
Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	296	$	3,102,024
	*(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	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
Category XIII		Auxiliary Military Equipment			

	(a)	Cameras and specialized processing equipment. Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	52	$	268,600
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	25	$	217,564
	(c)	Self-contained diving and underwater breathing apparatus	1,058	$	678,434
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	108	$	83,767
	(f)	Structural materials	381	$	227,030
	(g)	Concealment and deception equipment	4	$	600
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	206	$	1,777
Country			**Quantity**		**Value**
TURKEY (Continued)					
Category XIII (continued)		Auxiliary Military Equipment			
	*(j)	Hardware and equipment that is associated with the measurement or modification of system signatures for detection of defense articles	1,007	$	5,953,481
	(l)	Technical data	5	$	104
		Category Total	2,846	$	7,431,357
Category XIV		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
Category XV		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	346	$	2,101,819
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	1	$	1,678
	(f)	Technical data	5	$	861
		Category Total	352	$	2,104,358
		Country Total Authorized	2,977,376	$	1,502,158,396
		Country Total Shipped			
TURKMENISTAN					
Category II		Guns and Armament			
	*(a)	Guns over caliber .50	2	$	850
		Category Total	2	$	850

Country			**Quantity**		**Value**
TURKMENISTAN (Continued)					
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	10,000	$	6,500
		Category Total	10,000	$	6,500

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
	*(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	$	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			
TURKS AND CAICOS ISLANDS					
Category 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
Category III		Ammunition/Ordnance			
	*(a)	Ammunition/ordnance for Categories I & II articles	50,115	$	19,354
		Category Total	50,115	$	19,354

Country			**Quantity**		**Value**

TURKS AND CAICOS ISLANDS (Continued)					
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	3	$	4,622
		Category Total	3	$	4,622
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	30	$	7,308
		Category Total	30	$	7,308
		Country Total Authorized	50,212	$	68,864
		Country Total Shipped			
UGANDA					
Category VIII		Aircraft and Associated Equipment			
	(h)	Components, parts and associated equipment	2,002	$	6,000,000
		Category Total	2,002	$	6,000,000
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	12	$	2,856
		Category Total	12	$	2,856
Category XI		Military Electronics			
	(c)	Components, parts and associated equipment	14	$	114,775
	(d)	Technical data	3	$	11,550

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

Country			**Quantity**		**Value**
UKRAINE					
Category 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
Category II		Guns and Armament			
	*(a)	Guns over caliber .50	27	$	10,556
		Category Total	27	$	10,556
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i)	Technical data			
		Category Total			
Category VI		Vessels of War and Special Naval Equipment			
	(g)	Technical data	1	$	100
		Category Total		$	100

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

Country			**Quantity**		**Value**
UKRAINE (Continued)					
Category IX		Military Training Equipment and Training			
	(e)	Technical data	1	$	500
		Category Total	1	$	500
Category XI		Military Electronics			
	(d)	Technical data	408	$	168,800
		Category Total	408	$	168,800
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	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 military accelerometers and gyros	1	$	39,100
	(e)	Components, parts and associated equipment	10	$	50,000
	(f)	Technical data	10	$	5,000
		Category Total	55	$	638,100
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	2,086	$	193,329
		Category Total	2,086	$	193,329

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

UNITED ARAB EMIRATES					
Category 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
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	900	$	33,608
	(h)	Components, parts and associated equipment	195	$	1,060,002
Country			**Quantity**		**Value**
UNITED ARAB EMIRATES (Continued)					
Category IV (continued)		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i)	Technical data	280	$	657,321

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

Country			Quantity		Value
UNITED ARAB EMIRATES (Continued)					
Category IX		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
Category X		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
Category XI		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

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

	*(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	142	$	2,448,008
	(e)	Components, parts and associated equipment	1,043	$	6,006,936
	(f)	Technical data	269	$	79,341
		Category Total	1,693	$	43,274,944
Category XIII		Auxiliary Military Equipment			
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	12	$	46,536
	(c)	Self-contained diving and underwater breathing apparatus	120	$	40,653

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

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

Country		**Quantity**		**Value**
UNITED ARAB EMIRATES (Continued)				
Category XV	Spacecraft Systems and Associated Equipment			

	*(a)	Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites	20	$	100,000
	(d)	Radiation-hardened microelectronics	124	$	210,422
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	1,033	$	4,439,148
	(f)	Technical data	34	$	63,837
		Category Total	1,211	$	4,813,407
Category XVIII		Directed Energy Weapons			
	(f)	Technical data	30	$	300
		Category Total	30	$	300
		Country Total Authorized	1,592,341	$	1,090,485,318
		Country Total Shipped			
UNITED KINGDOM					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	*(a)	Nonautomatic and semi-automatic firearms	8,101	$	4,288,153
	*(b)	Fully automatic firearms	28	$	18,274
	*(c)	Firearms and other weapons	30	$	7,500
	*(d)	Combat shotguns	35	$	11,696
	*(e)	Silencers, mufflers and sound and flash suppressors	19,060	$	1,669,772
	(f)	Riflescopes	19,414	$	10,392,404
	*(g)	Barrels, cylinders, receivers and complete breech mechanisms	5,318	$	2,104,907
	(h)	Components, parts and associated equipment	105,398	$	18,255,685

	(i)	Technical data	1,008	$	501,540
		Category Total	158,392	$	37,249,931
Country			**Quantity**		**Value**
UNITED KINGDOM (Continued)					
Category II		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
Category III		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
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	*(a)	Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, demolition blocks and blasting caps	1,916	$	182,209,405
	*(b)	Launch vehicles and missile and anti-missile systems	260	$	20,486,000
	(c)	Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge or detonation of the articles in (a) and (b)	541	$	27,218,539

	*(f)	Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	590	$	242,762
	(h)	Components, parts and associated equipment	2,412,742	$	73,743,938
	(i)	Technical data	3,030	$	989,274
		Category Total	2,419,079	$	304,889,918
Category V		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	*(a)	Explosives	58,297	$	1,203,285
Country			**Quantity**		**Value**
UNITED KINGDOM (Continued)					
Category V (continued)		Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents			
	(c)	Pyrotechnics, fuels and related substances	43,918	$	2,550,408
	(d)	Oxidizers	125,556	$	1,477,295
	*(e)	Binders	2,065	$	19,493
	(f)	Additives	400	$	30,000
	(h)	Technical data	9	$	71,520
		Category Total	230,245	$	5,352,001
Category VI		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
Category VII		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			
	*(a)	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
Category IX		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
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	17,380	$	9,293,872
	(b)	Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	4	$	300,000
	(d)	Components, parts and associated equipment	35,941	$	2,142,786
	(e)	Technical data	1,532	$	392,300
		Category Total	54,857	$	12,128,958
Country			**Quantity**		**Value**
UNITED KINGDOM (Continued)					
Category XI		Military Electronics			
	*(a)(1)	Underwater sound equipment	38	$	530,746
	*(a)(2)	Underwater acoustic active and passive countermeasures and counter-countermeasures	1,064	$	424,563
	*(a)(3)(i)	Search radar systems	1	$	266,617
	*(a)(3)(iii)	Tracking radar systems	608	$	2,316,000

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

Country			**Quantity**		**Value**
UNITED KINGDOM (Continued)					

Category XII (continued)		Fire Control, Range Finder, Optical and Guidance and Control Equipment			
	*(c)	Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes and infrared, visible and ultraviolet devices	10,849	$	138,669,629
	*(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
Category XIII		Auxiliary Military Equipment			
	(a)	Cameras and specialized processing equipment. Photointerpretation, stereoscopic plotting and photogrammetry equipment and components	5	$	33,680
	(b)	Military Information Security Assurances Systems and equipment, cryptographic devices, software and components	732	$	29,895,683
	(c)	Self-contained diving and underwater breathing apparatus	19	$	2,751,891
	(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	144	$	447,206
	(e)	Armor and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	83,043	$	1,091,168

Country			Quantity		Value
UNITED KINGDOM (Continued)					
Category XIII (continued)		Auxiliary Military Equipment			
	(f)	Structural materials	21	$	37,929
	(h)	Energy conversion devices for producing electrical energy from nuclear, thermal or solar energy or from chemical reaction	17,484	$	825,713
	(l)	Technical data	31	$	1,104,152
		Category Total	101,479	$	36,187,422
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	875,778	$	35,059,898
	(h)	Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a) and vaccines with the sole purpose of protecting against biological agents identified in (b)	162,200	$	4,800,400
	(i)	Modeling or simulation tools specifically designed or modified for chemical or biological weapons design, development or employment	2	$	3
	(m)	Technical data	39	$	1,485,870
		Category Total	1,038,019	$	41,346,171
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	3	$	446,087,553
	(b)	Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	50	$	3,500,000
Country			**Quantity**		**Value**
UNITED KINGDOM (Continued)					
Category XV (continued)		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	248	$	1,249,310
	(d)	Radiation-hardened microelectronics	180	$	81,729
	(e)	Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	13,251	$	17,194,404
	(f)	Technical data	1,755	$	1,346,580
		Category Total	15,487	$	469,459,576
Category XVI		Nuclear Weapons, Design and Testing Related Items			
	(d)	Components, parts and associated equipment	59	$	2,078,892
	(e)	Technical data	2	$	110
		Category Total	61	$	2,079,002
Category XVIII		Directed Energy Weapons			
	(f)	Technical data	1	$	1
		Category Total	1	$	1

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

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

Country			**Quantity**		**Value**
URUGUAY					
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	1	$	304,000
		Category Total	1	$	304,000
		Country Total Authorized	15,932,679	$	2,679,308
		Country Total Shipped			
VARIOUS					
Category I		Firearms, Close Assault Weapons and Combat Shotguns			
	(i)	Technical data	98	$	4,801
		Category Total	98	$	4,801
Category II		Guns and Armament			
	(k)	Technical data	319	$	17,820
		Category Total	319	$	17,820
Category III		Ammunition/Ordnance			
	(e)	Technical data	535	$	32,120
		Category Total	535	$	32,120
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i)	Technical data	13,097	$	919,223
		Category Total	13,097	$	919,223
Category V		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

Category VI		Vessels of War and Special Naval Equipment			
	(g)	Technical data	830	$	127,403
		Category Total	830	$	127,403
Country			**Quantity**		**Value**
VARIOUS (Continued)					
Category VII		Tanks and Military Vehicles			
	(h)	Technical data	1,170	$	4,197,575
		Category Total	1,170	$	4,197,575
Category VIII		Aircraft and Associated Equipment			
	(i)	Technical data	5,431	$	3,610,536
		Category Total	5,431	$	3,610,536
Category IX		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
Category X		Protective Personnel Equipment and Shelters			
	(e)	Technical data	4	$	701
		Category Total	4	$	701
Category XI		Military Electronics			
	(a)(6)	Computers specifically designed for military applications and any computer specifically modified for use with any defense article	20	$	20,000
	(c)	Components, parts and associated equipment	235	$	66,207
	(d)	Technical data	6,625	$	38,296,986

		Category Total	6,880	$	38,383,193
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	$	2,000
	(e)	Components, parts and associated equipment	133	$	13,300
	(f)	Technical data	1,240	$	285,298
		Category Total	1,375	$	300,598

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

		Category Total	22	$	41,100
Category XX		Submersible Vessels, Oceanographic and Associated Equipment			
	(d)	Technical data	500	$	50,000
		Category Total	500	$	50,000
		Country Total Authorized	81,652	$	72,230,263
		Country Total Shipped			
VIETNAM					
Category IV		Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines			
	(i)	Technical data	501	$	5,100
		Category Total	501	$	5,100
Category VIII		Aircraft and Associated Equipment			
	*(a)	Aircraft, including but not limited to helicopters, non-expansive balloons, drones and lighter-than-air aircraft	2	$	1,470,000
	(h)	Components, parts and associated equipment	8	$	19,387
Country			**Quantity**		**Value**
VIETNAM (Continued)					
Category VIII (continued)		Aircraft and Associated Equipment			
	(i)	Technical data	1,000	$	5,000
		Category Total	1,010	$	1,494,387
Category XI		Military Electronics			
	(d)	Technical data	2	$	110
		Category Total	2	$	110
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	30	$	231,012
		Category Total	30	$	231,012
Category XV		Spacecraft Systems and Associated Equipment			
	(c)	Global positioning System (GPS) receiving equipment	2	$	836,780
		Category Total	2	$	836,780
		Country Total Authorized	1,547	$	2,567,391
		Country Total Shipped			
WESTERN SAMOA					
Category X		Protective Personnel Equipment and Shelters			
	(a)	Protective personnel equipment	20	$	4,620
		Category Total	20	$	4,620
		Country Total Authorized	20	$	4,620
		Country Total Shipped			
YEMEN					
Category 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)					
Category VI		Vessels of War and Special Naval Equipment			

	(g)	Technical data	1	$	500
		Category Total	1	$	500
Category VII		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
Category VIII		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
Category XIII		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
Category XIV		Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment			
	*(f)	Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	70,600	$	1,018,000
		Category Total	70,600	$	1,018,000
		Country Total Authorized	74,485	$	13,530,996
		Country Total Shipped			

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

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

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

PART 2
FY 2009 Authorized Defense Services

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

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

	XI	$	355,500
	Bahrain Total Services	***$***	***1,899,000***
Barbados			
	IV	$	9,200
	Barbados Total Services	***$***	***9,200***
Belgium			
	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
	Belgium Total Services	***$***	***833,485,713***
Belize			
	XI	$	470,085
	Belize Total Services	***$***	***470,085***
Bolivia			
	IX	$	810,240
	XI	$	225,000
	Bolivia Total Services	***$***	***1,035,240***
Botswana			
	VIII & XI	$	6,000,000
	XI	$	100,000
	Botswana Total Services	***$***	***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
	Brazil Total Services	***$***	***250,761,349***
British Virgin Islands			
	IX	$	1,458,000
	British Virgin Islands Total Services	***$***	***1,458,000***
Brunei			
	XI	$	857,000
	Brunei Total Services	***$***	***857,000***
Bulgaria			
	VII	$	670,000
	VIII	$	150,000
	XI	$	950,000
	Bulgaria Total Services	***$***	***1,770,000***
Cameroon			
	VI	$	1,714,235
	Cameroon Total Services	***$***	***1,714,235***
Canada			
	I, II, III & IV	$	450,000
	I & IV	$	50,000,000
	II	$	16,935,000
	II, III, VII, XI, & XII	$	30,000,000
	II, IV & XV	$	4,400,000
	II, VII, IX, XI & XII	$	3,650,000
	II, VII, IX, XI, XII, XIII & XV	$	110,000
	II, VIII ,IX & XIII	$	12,000,000
	II, VII & XII	$	110,000
	II & XI	$	200,000
	III	$	9,235,000

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

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

	VIII	$	37,882,242
	IX	$	100,000
	XI	$	1,000,000
	XII	$	4,900,000
	XIII	$	75,000
	XV	$	154,000
	Czech Republic Total Services	***$***	***44,411,242***
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
	Denmark Total Services	***$***	***272,861,070***
Dominican Republic			
	VIII	$	150,000
	XI	$	2,250,000
	Dominican Republic Total Services	***$***	***2,400,000***
Ecuador			
	XI	$	335,000
	XI & XV	$	117,000
	Ecuador Total Services	***$***	***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
	Egypt Total Services	***$***	***176,110,184***
El Salvador			
	VIII	$	5,110,000
	El Salvador Total Services	***$***	***5,110,000***
Estonia			
	XI	$	2,000,000
	XII	$	2,635,185
	Estonia Total Services	***$***	***4,635,185***
Ethiopia			
	VIII	$	15,000,000
	Ethiopia Total Services	***$***	***15,000,000***
Finland			
	VIII	$	64,986,247
	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
	IV & VII	$	48,500
	IV, VII & VIII	$	30,700,000
	IV, VIII & XI	$	2,000,000
	IV, VIII & XII	$	5,000,000
	IV, XI & XII	$	1,685,302
	VI	$	9,855,010
	VI & XI	$	25,000
	VII	$	155,750,000
	VII, VIII, XII & XV	$	15,075,000
	VII & XI	$	11,000,000
	VII, XI & XII	$	25,450,000
	VII & XIV	$	15,000
	VIII	$	332,049,061
	VIII, X & XIV	$	7,200,000
	VIII & XI	$	3,000,000
	VIII, XI & XII	$	400,000
	VIII & XIII	$	46,346
	IX	$	3,900,000
	X	$	4,800,000
	X & XII	$	1,410,000
	XI	$	145,639,346

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

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

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

Italy

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

	VIII	$ 858,530,690
	VIII & XI	$ 531,758,581
	VIII & XII	$ 1,100,000
	IX	$ 1,800,000
	IX, XII & XV	$ 2,060,700
	XI	$ 314,029,786
	XI & XII	$ 20,240,000
	XII	$ 51,050,400
	XII & XV	$ 2,402,000
	XIII	$ 188,310
	XIV	$ 20,000
	XV	$ 55,940,000
	Italy Total Services	***$ 2,076,178,467***
Japan		
	I	$ 922,000
	I, II, III, IV, V, VIII, IX, X, XI, XII & XIV	$ 3,500,000
	I & III	$ 68,250
	I & XII	$ 1,000,000
	II	$ 18,000,000
	II & III	$ 107,970,000
	II, VII, IX, XI & XII	$ 530,000
	III	$ 68,958,000
	IV	$ 7,468,854,000
	IV & XI	$ 131,100
	VI	$ 14,500,000
	VI & VIII	$ 20,000,000
	VII	$ 40,760,000
	VII & VIII	$ 30,000,000
	VII & XI	$ 151,059
	VII & XIII	$ 5,000,000
	VIII	$ 10,772,657,530
	VIII, IX & XII	$ 200,000
	VIII & XI	$ 42,547,700
	VIII, XI, XII & XIII	$ 7,640,302
	VIII & XIII	$ 55,050,000
	IX	$ 126,687,000
	X	$ 7,695,015
	X & XV	$ 1,000,000
	XI	$ 1,805,611,116

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

Libya			
	VIII	$	13,609,551
	Libya Total Services	***$***	***13,609,551***
Liechtenstein			
	XI	$	16,750,000
	Liechtenstein Total Services	***$***	***16,750,000***
Luxembourg			
	IV	$	34,216,900
	XI	$	3,700,000
	XIII	$	3,000,000
	Luxembourg Total Services	***$***	***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
	VII	$	113,991,636
	VII & VIII	$	125,000
	VII, VIII, IX, X, XI, XII & XXI	$	10,000,000
	VII, VIII, XI & XII	$	17,350,000
	VII & X	$	250,550,000
	VIII	$	283,165,518
	VIII & XI	$	1,575,000
	VIII, XI & XII	$	898,862
	VIII & XII	$	1,938,200
	IX	$	2,271,000
	IX & XI	$	33,424,705
	XI	$	316,764,536
	XII	$	5,581,815
	XV	$	20,060,000
	Mexico Total Services	***$***	***1,676,232,550***
Moldova			
	XI	$	100,000
	Moldova Total Services	***$***	***100,000***
Montengro			
	I, II, III, IV, VII, IX & XXI	$	2,800,000
	Montengro Total Services	***$***	***2,800,000***
Morocco			
	VII	$	50,000
	VIII	$	49,025,000
	VIII & XI	$	6,000,000
	XIII	$	57,750
	Morocco Total Services	***$***	***55,132,750***
Nepal			
	XI	$	100,000
	Nepal Total Services	***$***	***100,000***

Netherlands			
	I, III, IV, VII & XII	$	340,100
	II, VIII & XI	$	15,670,000
	IV	$	50,000
	IV & XI	$	300,000
	VI	$	17,440,000
	VI, VII & VIII	$	100,000
	VII	$	3,085,000
	VII & XII	$	1,300,000
	VIII	$	1,709,093,426
	VIII & IX	$	30,204,000
	IX	$	2,237,613
	XI	$	87,069,226
	XII	$	12,387,000
	XII & XIII	$	9,000,000
	XIII	$	400,000
	XV	$	37,918,960
	Netherlands Total Services	***$***	***1,926,595,325***
Netherlands Antilles			
	II	$	250,000
	X	$	75,000
	Netherlands Antilles Total Services	***$***	***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
	New Zealand Total Services	***$***	***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

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

Poland			
	III, VII, XII & XIII	$	320,000
	VII	$	5,065,000
	VIII	$	259,010,000
	XI	$	8,000,000
	XII	$	540,000
	Poland Total Services	***$***	***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
	Portugal Total Services	***$***	***152,580,900***
Qatar			
	VIII	$	613,883,000
	Qatar Total Services	***$***	***613,883,000***
Romania			
	XI	$	3,150,000
	XII	$	25,200,000
	Romania Total Services	***$***	***28,350,000***
Russia			
	IV	$	3,750,000
	VI	$	600,000
	XI	$	1,300,000
	XV	$	5,090,000
	Russia Total Services	***$***	***10,740,000***
Saudi Arabia			
	VII & IX	$	133,065,111
	VII & XI	$	19,580,529
	VIII	$	255,684,501
	VIII, IX, XI, XII, XIII & XVII	$	21,900,000

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

	Slovakia Total Services	***$***	***700,000***
Slovenia			
	XI	$	2,000,000
	Slovenia Total Services	***$***	***2,000,000***
South Africa			
	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
	South Africa Total Services	***$***	***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
	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

	South Korea Total Services	***$***	***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
	Spain Total Services	***$***	***538,817,316***
Sri Lanka			
	XI	$	4,000,000
	Sri Lanka Total Services	***$***	***4,000,000***
Sweden			
	I & II	$	800,000
	I & XII	$	1,000,000
	II, III, VII, XI & XII	$	956,000
	III	$	22,015,000
	III & V	$	200,000
	IV	$	12,755,000
	IV & XV	$	51,648,640
	V & XV	$	2,580,000
	VI	$	4,050,000
	VII	$	41,938,058
	VIII	$	150,540,000
	VIII & XI	$	600,000
	IX	$	3,547,630
	X	$	99,000,000
	XI	$	71,088,603
	XI & XV	$	2,200,000
	XII	$	12,410,000
	XIII	$	4,847,000

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

	VII & XI	$	10,000
	VIII	$	114,815,000
	VIII, XI & XII	$	10,000
	XI	$	3,450,000
	XV	$	4,000,000
	Thailand Total Services	***$***	***131,990,000***
Trinidad and Tobago			
	IX, X & XII	$	790,000
	XI	$	100,000
	XII	$	1,957,500
	Trinidad and Tobago Total Services	***$***	***2,847,500***
Tunisia			
	XI	$	100,000
	Tunisia Total Services	***$***	***100,000***
Turkey			
	II, III & XII	$	22,000,000
	II & VII	$	121,000,000
	III	$	200,000
	IV	$	140,750,000
	VII	$	10,165,000
	VIII	$	3,486,153,967
	VIII & XI	$	200,820,000
	IX	$	500,000
	XI	$	340,966,611
	XII	$	19,800,000
	XII & XV	$	2,000,000
	Turkey Total Services	***$***	***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
XXI	$	727,000
United Arab Emirates Total Services	***$***	***804,273,006***

United Kingdom

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

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

	XII	$	557,139,176
	XIII	$	85,334,887
	XIV	$	92,754,200
	XV	$	71,895,522
	XVI	$	300,000
	XVIII	$	18,200,000
	XX	$	5,600,000
	XXI	$	640,000
	United Kingdom Total Services	***$***	***7,424,409,075***
Uruguay			
	VIII	$	10,182,000
	VIII & IX	$	352,250
	Uruguay Total Services	***$***	***10,534,250***
Various Countries			
	I	$	5,100,000
	I & II	$	200,000
	I, II, III, IV, VII, VIII, IX, X, XI, XII, XIII & XIV	$	13,400,000
	I, II, III, IV, VII, IX, X, XI XII, XIII & XIV	$	20,200,000
	I, II, III, IV, VII, IX & XXI	$	47,577,162
	I, II, III, IV, IX & XXI	$	650,000
	I, III, IV, VIII, X, XI & XII	$	16,740,000
	I, III, VII & XXI	$	40,300,000
	I, III & X	$	5,280,000
	I, IV, VIII, XI, XII & XIII	$	4,000,000
	II	$	11,125,000
	II & III	$	66,000,000
	II, III, IV, VII & XII	$	200,000
	II, III & VII	$	1,367,000
	II, III, VII & XII	$	1,000,000
	II, IV, VII, IX, XI & XII	$	17,000,000
	II, IV, VIII, XI, XII & XIII	$	8,001,000
	II & VII	$	6,144,500
	II, VII, XI & XII	$	840,000
	II, VII & XII	$	1,000,000
	II & XI	$	5,000,000
	II & XII	$	2,232,000
	III	$	81,629,420
	III, IV, V, VIII, IX, X, XI, XII & XIII	$	500,000

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

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