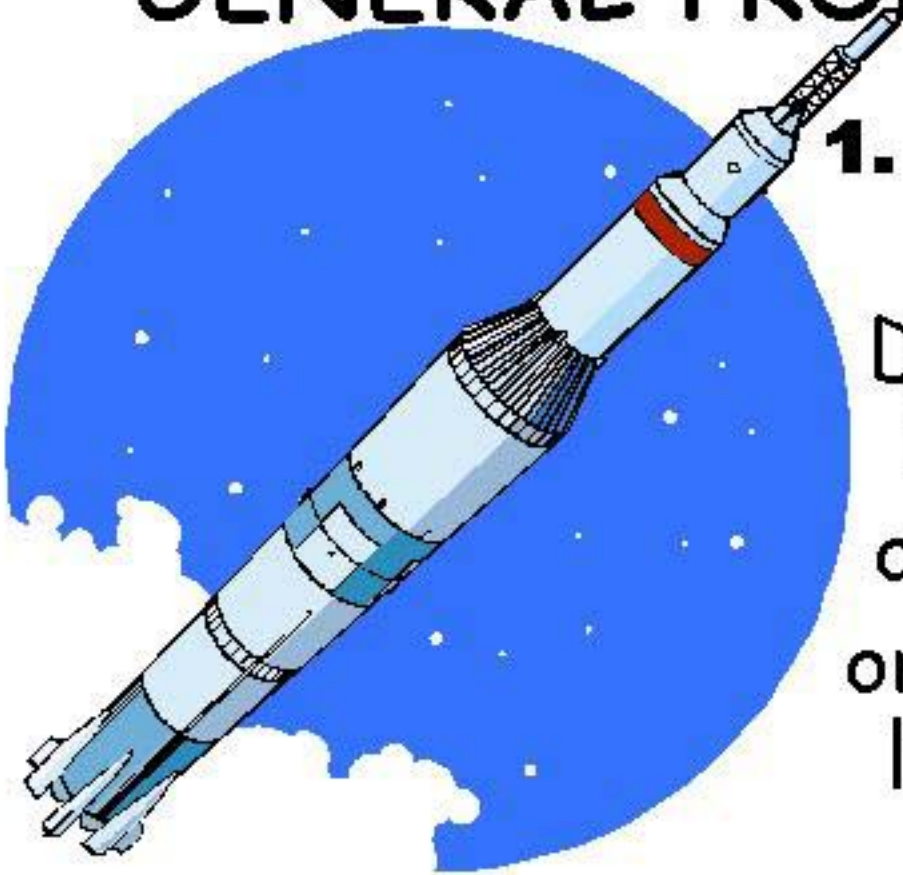


DETERMINING THE GENERAL PROHIBITIONS



1. Classification of the item:

Determine if the
item is listed on,
or controlled by,
one of the various
lists of controlled
items

IS THE ITEM MILITARY RELATED

1. Is specifically designed, developed, configured, adapted or modified for a military application
2. Does not have predominant civil applications
3. Does not have performance equivalent (form, fit & function) to those of an article or service used for civil applications
4. Is specifically designed, developed, configured, adapted, or Modified for a military application and has significant military or intelligence applicability
5. The Intended use of the article or service is not relevant



EXPORT ADMINISTRATION REGULATIONS

15CFR Parts 730-774

COMMODITY CONTROL LIST

(15CFR Part 774)

CATEGORY 0 - NUCLEAR MATERIALS, FACILITIES, AND EQUIPMENT AND
MISCELLANEOUS ITEMS

CATEGORY 1 - MATERIALS, CHEMICALS, "MICROORGANISMS," AND TOXINS

CATEGORY 2 - MATERIALS PROCESSING

CATEGORY 3 - ELECTRONICS

CATEGORY 4 - COMPUTERS

CATEGORY 5 (PART 1) - TELECOMMUNICATIONS AND "INFORMATION
SECURITY"

CATEGORY 5 (PART 2) - INFORMATION SECURITY

CATEGORY 6 - SENSORS AND LASERS

CATEGORY 7 - NAVIGATION AND AVIONICS

CATEGORY 8 - MARINE

CATEGORY 9 - PROPULSION SYSTEMS, SPACE VEHICLES AND RELATED
EQUIPMENT

INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR) 22CFR Parts 120-130

MUNITIONS LIST (22CFR Part 121)

Category II--Artillery Projectors

Category III--Ammunition

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

Category V--Explosives, Propellants, Incendiary Agents, and Their Constituents

Category VI--Vessels of War and Special Naval Equipment.

Category VII--Tanks and Military Vehicles

Category VIII--Aircraft and Associated Equipment

Category IX--Military Training Equipment

Category X--Protective Personnel Equipment

Category XI--Military Electronics

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

Category XIII--Auxiliary Military Equipment

Category XIV--Toxicological Agents and Equipment and Radiological Equipment

Category XV--Spacecraft Systems and Associated Equipment

Category XVI--Nuclear Weapons Design and Test Equipment

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

Category XX--Submersible Vessels, Oceanographic and Associated Equipment

Category XXI--Miscellaneous Articles

EAR CONTROLLED INFRARED DETECTORS

6A002: Optical detectors, as follows:

Note: 6A002.a does not control germanium or silicon photodevices.

a.1. "Space-qualified" solid-state detectors, as follows:

a.1.a. "Space-qualified" solid-state detectors, having all of the following:

a.1.a.1. A peak response in the wavelength range exceeding 10 nm but not exceeding 300 nm; *and*

a.1.a.2. A response of less than 0.1% relative to the peak response at a wavelength exceeding 400 nm;

a.1.b. "Space-qualified" solid-state detectors, having all of the following:

a.1.b.1. A peak response in the wavelength range exceeding 900 nm but not exceeding 1,200 nm; *and*

a.1.b.2. A response "time constant" of 95 ns or less;

a.1.c. "Space-qualified" solid-state detectors having a peak response in the wavelength range exceeding 1,200 nm but not exceeding 30,000 nm;

a.2. Image intensifier tubes and specially designed components therefor, as follows:

a.2.a. Image intensifier tubes having all of the following:

a.2.a.1. A peak response in the wavelength range exceeding 400 nm but not exceeding 1,050 nm;

a.2.a.2. A microchannel plate for electron image amplification with a hole pitch (center-to-center spacing) of 15 μm or less; *and*

a.2.a.3. Photocathodes, as follows:

a.2.a.3.a. S-20, S-25 or multialkali photocathodes with a luminous sensitivity exceeding 240 $\mu\text{A}/\text{lm}$;

a.2.a.3.b. GaAs or GaInAs photocathodes; *or*

a.2.a.3.c. Other III-V compound semiconductor photocathodes;

Note: 6A002.a.2.a.3.c does not control compound semiconductor photocathodes with a maximum radiant sensitivity of 10 mA/W or less.

a.2.b. Specially designed components, as follows:

a.2.b.1. Microchannel plates having a hole pitch (center-to-center spacing) of 15 μm or less;

a.2.b.2. GaAs or GaInAs photocathodes;

a.2.b.3. Other III-V compound semiconductor photocathodes;

ITAR CONTROLLED INFRARED DETECTORS

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

- * (c) Infrared focal plane array detectors specifically designed, modified or configured for military use;** image intensification and other night sighting equipment or systems specifically designed, modified, or configured for military use; second generation and above military image intensification tubes (defined below) specifically designed, developed, modified or configured for military use, and infrared, visible and ultraviolet devices specifically designed, developed, modified, or configured for military application. Military second and third generation image intensification tubes and military infrared focal plane arrays identified in this subparagraph are licensed by the Department of Commerce (ECCN 6A02A and 6A03A) when a part of a commercial system (i.e. those systems originally designed for commercial use). This does not include any military system comprised of non-military specification components. Replacement tubes or focal plane arrays identified in this paragraph being exported for commercial systems are subject to the controls of the ITAR.

Note: Special Definition. For purposes of this subparagraph, second and third generation image intensification tubes are defined as having:

- 1) A peak response within the 0.4 to 1.05 micron wavelength range and
- 2) incorporating a microchannel plate for electron image amplification
- 3) having a hold pitch (center-to-center spacing) of less than 25 microns and having either:
 - i) An S-20, S-25 or multialkali photocathode; or
 - ii) A GaAs, GaInAs, or other compound semiconductor photocathode.