

from the United States or an export, reexport, or transfer by a U.S. person to a person identified in paragraph (a) of this section, no separate authorization from BIS is necessary.

(3) U.S. persons must seek authorization from BIS for the export, reexport, or transfer to a person identified in paragraph (a) of this section of any item subject to the EAR (except for agricultural commodities, medicine, or medical devices, classified as EAR99 and destined for entities whose property and interests in property are blocked pursuant to Executive Orders 13310, 13448 or 13464) but not subject to regulations maintained by OFAC.

(4) Non-U.S. persons must seek authorization from BIS for the export from abroad, reexport, or transfer to a person identified in paragraph (a) of this section of any item subject to the EAR (except for agricultural commodities, medicine, or medical devices, classified as EAR99 and destined for entities whose property and interests in property are blocked pursuant to Executive Orders 13310, 13448 or 13464).

(5) Any export, reexport, or transfer to a person identified in paragraph (a) of this section by a U.S. person of any item subject both to the EAR and regulations maintained by OFAC and not authorized by OFAC is a violation of the EAR.

(6) Any export, reexport, or transfer by a U.S. person to a person identified in paragraph (a) of this section of any item subject to the EAR (except for agricultural commodities, medicine, or medical devices, classified as EAR99 and destined for entities whose property and interests in property are blocked pursuant to Executive Orders 13310, 13448 or 13464) that is not subject to regulations maintained by OFAC and not authorized by BIS is a violation of the EAR. Any export from abroad, reexport, or transfer by a non-U.S. person to a person identified in paragraph (a) of this section of any item subject to the EAR (except for agricultural commodities, medicine, or medical devices, classified as EAR99 and destined for entities whose property and interests in property are blocked pursuant to Executive Orders 13310, 13448 or 13464) and not authorized by BIS is a violation of the EAR.

(7) These licensing requirements supplement any other requirements set forth elsewhere in the EAR.

(b) *Exceptions.* No License Exceptions or other BIS authorizations are available for export, reexport, or transfer to a person identified in paragraph (a) of this section of any item subject to the EAR (except for agricultural commodities, medicine, or medical devices, classified as EAR99 and destined for entities whose property and interests in property are blocked pursuant to Executive Orders 13310, 13448 or 13464).

(c) *Licensing policy.* Applications for licenses for the export, reexport, or transfer to a person identified in paragraph (a) of this section of any item subject to the EAR (except for agricultural commodities, medicine, or medical devices, classified as EAR99 and destined for entities whose property and interests in property are blocked pursuant to Executive Orders 13310, 13448 or 13464) will generally be denied. You should consult with OFAC concerning transactions subject to OFAC licensing requirements.

(d) *Contract sanctity.* Contract sanctity provisions are not available for license applications reviewed under this section, except as available under 31 CFR 537.210(c).

[74 FR 771, Jan. 8, 2009]

SUPPLEMENT NO. 1 TO PART 744—MILITARY END-USE EXAMPLES FOR §744.17

(a) *Examples of military end-uses (as described in §744.17 (d) of this part) of general-purpose microprocessors classified as ECCN 3A991.a.1 includes employing such microprocessors in the "use", "development", "production", or deployment of:*

- (1) Cruise missiles;
- (2) Electronic suites of military aircraft and helicopters;
- (3) Radar for searching, targeting, or tracking systems;
- (4) Command/control/communications or navigation systems;
- (5) Unmanned aerial vehicles capable of performing military reconnaissance, surveillance, or combat support;
- (6) Rocket or missile systems;
- (7) Electronic or information warfare systems; or
- (8) Intelligence, reconnaissance, or surveillance systems suitable for supporting military operations.

(b) [Reserved]  
[68 FR 1797, Jan. 14, 2003]

SUPPLEMENT NO. 2 TO PART 744—LIST OF ITEMS SUBJECT TO THE MILITARY END-USE LICENSE REQUIREMENT OF § 744.21

The following items, as described, are subject to the military end-use license requirement in § 744.21.

(1) *Category 1—Materials, Chemicals, Microorganisms, and Toxins*

(i) 1A290 Depleted uranium (any uranium containing less than 0.711% of the isotope U-235) in shipments of more than 1,000 kilograms in the form of shielding contained in X-ray units, radiographic exposure or teletherapy devices, radioactive thermoelectric generators, or packaging for the transportation of radioactive materials.

(ii) 1C990 Limited to fibrous and filamentary materials other than glass, aramid or polyethylene not controlled by 1C010 or 1C210, for use in “composite” structures and with a specific modulus of  $3.18 \times 10^6$ m or greater and a specific tensile strength of  $7.62 \times 10^4$ m or greater.

(iii) 1C996 Hydraulic fluids containing synthetic hydrocarbon oils, having all the characteristics in the List of Items Controlled.

(iv) 1D993 “Software” specially designed for the “development”, “production”, or “use” of equipment or materials controlled by 1C210.b, or 1C990.

(v) 1D999 Limited to specific software controlled by 1D999.b for equipment controlled by 1B999.e that is specially designed for the production of prepregs controlled in Category 1, n.e.s.

(vi) 1E994 Limited to “technology” for the “development”, “production”, or “use” of fibrous and filamentary materials other than glass, aramid or polyethylene controlled by 1C990.

(2) *Category 2—Materials Processing*

(i) 2A991 Limited to bearings and bearing systems not controlled by 2A001 and with operating temperatures above 573K (300 °C).

(ii) 2B991 Limited to “numerically-controlled” machine tools having “positioning accuracies”, with all compensations available, less (better) than  $9\mu$  along any linear axis; and machine tools controlled under 2B991.d.1.a.

(iii) 2B992 Non-“numerically controlled” machine tools for generating optical quality surfaces, and specially designed components therefor.

(iv) 2B996 Limited to dimensional inspection or measuring systems or equipment not controlled by 2B006 with measurement uncertainty equal to or less (better) than  $(1.7 +$

$L/1000)$  micrometers in any axes (L measured Length in mm).

(3) *Category 3—Electronics Design, Development and Production*

(i) 3A292.d Limited to digital oscilloscopes and transient recorders, using analog-to-digital conversion techniques, capable of storing transients by sequentially sampling single-shot inputs at greater than 2.5 giga-samples per second.

(iii) 3A999.c All flash x-ray machines, and components of pulsed power systems designed thereof, including Marx generators, high power pulse shaping networks, high voltage capacitors, and triggers.

(ii) 3E292 Limited to “technology” according to the General Technology Note for the “development”, “production”, or “use” of digital oscilloscopes and transient recorders with sampling rates greater than 2.5 giga-samples per second, which are controlled by 3A292.d.

(4) *Category 4—Computers*

(i) 4A994 Limited to computers not controlled by 4A001 or 4A003, with an Adjusted Peak Performance (“APP”) exceeding 0.5 Weighted TeraFLOPS (WT).

(ii) 4D993 “Program” proof and validation “software”, “software” allowing the automatic generation of “source codes”, and operating system “software” not controlled by 4D003 that are specially designed for real time processing equipment.

(iii) 4D994 Limited to “software” specially designed or modified for the “development”, “production”, or “use” of equipment controlled by 4A101.

(5) *Category 5—(Part 1) Telecommunications*

(i) 5A991 Limited to telecommunications equipment designed to operate outside the temperature range from 219K (–54 °C) to 397K (124 °C), which is controlled by 5A991.a., radio equipment using Quadrature-amplitude-modulation (QAM) techniques, which is controlled by 5A991.b.7., and phased array antennae, operating above 10.5 Ghz, except landing systems meeting ICAO standards (MLS), which are controlled by 5A991.f.

(ii) 5D991 Limited to “software” specially designed or modified for the “development”, “production”, or “use” of equipment controlled by 5A991.a., 5A991.b.7., and 5A991.f., or of “software” specially designed or modified for the “development”, “production”, or “use” of equipment controlled by 5A991.a., 5A991.b.7., and 5A991.f.

(iii) 5E991 Limited to “technology” for the “development”, “production” or “use” of equipment controlled by 5A991.a., 5A991.b.7., or 5A991.f., or of “software” specially designed or modified for the “development”, “production”, or “use” of equipment controlled by 5A991.a., 5A991.b.7., and 5A991.f.