

**9B105** Wind tunnels for speeds of Mach 0.9 or more, usable for "missiles" and their subsystems.

**License Requirements**

*Reason for Control:* MT, AT

<i>Control(s)</i>	<i>Country Chart</i>
MT applies to entire entry	MT Column 1
AT applies to entire entry	AT Column 1

**License Exceptions**

LVS: N/A

GBS: N/A

CIV: N/A

**List of Items Controlled**

*Unit:* \$ value

*Related Controls:* See also 9B005

*Related Definitions:* N/A

*Items:* The list of items controlled is contained in the ECCN heading

**9B106** Environmental chambers and anechoic chambers, as follows (see List of Items Controlled).

**License Requirements**

*Reason for Control:* MT, AT

<i>Control(s)</i>	<i>Country Chart</i>
MT applies to entire entry	MT Column 1
AT applies to entire entry	AT Column 1

**License Exceptions**

LVS: N/A

GBS: N/A

CIV: N/A

**List of Items Controlled**

*Unit:* \$ value

*Related Controls:* N/A

*Related Definitions:* N/A

*Items:* a. Environmental chambers capable of simulating the following flight conditions:

a.1. Altitudes of 15,000 m or greater; or  
a.2. Temperature of at least 223 K (-50° C) to 398 K (+125° C) and vibration environments of 10 g rms or greater between 20 Hz and 2,000 Hz and imparting forces of 5 Kn or greater.

b. Anechoic chambers capable of simulating the following flight conditions:

b.1. Altitudes of 15,000 m or greater; or  
b.2. Temperature of at least 223 K (50° C) to 398 K (+125° C) and acoustic environments at an overall sound pressure level of 140 Db or greater (referenced to 20 microPa) or with a rated power output of 4 kW or greater.

**9B115** Specially designed "production equipment" for the systems, sub-systems and components controlled by 9A005 to 9A009, 9A011, 9A101, 9A105 to 9A109, 9A111, 9A116 to 9A119. (These items are subject to the export licensing authority of the U.S. Department of State, Office of Defense Trade Controls. See 22 CFR part 121.)

**9B116** Specially designed "production facilities" for the systems, sub-systems, and components controlled by 9A004 to 9A009, 9A011, 9A101, 9A104 to 9A109, 9A111, 9A116 to 9A119. (These items are

subject to the export licensing authority of the U.S. Department of State, Office of Defense Trade Controls. See 22 CFR part 121.)

**9B117** Test benches and test stands for solid or liquid propellant rockets or rocket motors, having either of the following characteristics (see List of Items Controlled).

**License Requirements**

*Reason for Control:* MT, AT

<i>Control(s)</i>	<i>Country Chart</i>
MT applies to entire entry	MT Column 1
AT applies to entire entry	AT Column 1

**License Exceptions**

LVS: N/A

GBS: N/A

CIV: N/A

**List of Items Controlled**

*Unit:* \$ value

*Related Controls:* See also 9B990

*Related Definitions:* N/A

*Items:* a. The capacity to handle more than 90 Kn of thrust; or  
b. Capable of simultaneously measuring the three axial thrust components.

**9B990** Vibration test equipment and specially designed parts and components, n.e.s.

**License Requirements**

*Reason for Control:* AT

<i>Control(s)</i>	<i>Country Chart</i>
AT applies to entire entry	AT Column 1

**License Exceptions**

LVS: N/A

GBS: N/A

CIV: N/A

**List of Items Controlled**

*Unit:* \$ value

*Related Controls:* N/A

*Related Definitions:* N/A

*Items:* The list of items controlled is contained in the ECCN heading

**9B991** Specially designed equipment, tooling or fixtures, not controlled by 9B001, as described in the List of Items Controlled, for manufacturing or measuring gas turbine blades, vanes or tip shroud castings.

**License Requirements**

*Reason for Control:* AT

<i>Control(s)</i>	<i>Country Chart</i>
AT applies to entire entry	AT Column 1

**License Exceptions**

LVS: N/A

GBS: N/A

CIV: N/A

**List of Items Controlled**

*Unit:* \$ value

*Related Controls:* N/A

*Related Definitions:* N/A

*Items:* a. Automated equipment using non-mechanical methods for measuring airfoil wall thickness;

b. Tooling, fixtures or measuring equipment for the "laser", water jet or ECM/EDM hole drilling processes controlled by 9E003.c;

c. Ceramic core leaching equipment;

d. Ceramic shell burn out or firing equipment.

**C. Materials [Reserved]**

**D. Software**

**9D001** "Software" required for the "development" of equipment or "technology" controlled by 9A (except 9A018, 9A990 or 9A991), 9B (except 9B990 or 9B991) or 9E003.

**License Requirements**

*Reason for Control:* NS, MT, AT

<i>Control(s)</i>	<i>Country Chart</i>
NS applies to "software" for items controlled by 9A001 to 9A003, 9B001 to 9B009, 9E003.	NS Column 1
MT applies to "software" for equipment controlled by 9A001, 9A101, 9A106, 9A110, 9A120, 9B001, 9B002, 9B003, 9B004, 9B005, 9B007, 9B105, 9B106, 9B116, and 9B117 for MT reasons.	MT Column 1
AT applies to entire entry	AT Column 1

**License Requirement Notes:** See § 743.1 of the EAR for reporting requirements for exports under License Exceptions.

**License Exceptions**

CIV: N/A

TSR: N/A

**List of Items Controlled**

*Unit:* \$ value

*Related Controls:* (1) See also 9D101. (2)

"Software" "required" for the "development" of items controlled by 9A004 is subject to the export licensing authority of the U.S. Department of State, Office of Defense Trade Controls. (See 22 CFR part 121.) (3) "Software" "required" for the "development" of equipment or "technology" subject to the export licensing authority of the U.S. Department of State, Office of Defense Trade Controls is also subject to the same licensing jurisdiction. (See 22 CFR part 121.)

*Related Definitions:* N/A

*Items:* The list of items controlled is contained in the ECCN heading

**9D002** "Software" required for the "production" of equipment controlled by 9A (except 9A018, 9A990 or 9A991) or 9B (except 9B990 or 9B991).

**License Requirements**

*Reason for Control:* NS, MT, AT

<i>Control(s)</i>	<i>Country Chart</i>
NS applies to "software" for equipment controlled by 9A001 to 9A003 or 9B001 to 9B009.	NS Column 1
MT applies to "software" for equipment controlled by 9A001, 9A101, 9A106, 9A110, 9A120, 9B001, 9B002, 9B003, 9B004, 9B005, 9B007 9B105, 9B106, 9B116, and 9B117 for MT reasons.	MT Column 1
AT applies to entire entry	AT Column 1

**License Requirement Notes:** See § 743.1 of the EAR for reporting requirements for exports under License Exceptions.

**License Exceptions**

CIV: N/A  
TSR: N/A

**List of Items Controlled**

*Unit:* \$ value  
*Related Controls:* (1) "Software" "required" for the "production" of items controlled by 9A004 is subject to the export licensing authority of the U.S. Department of State, Office of Defense Trade Controls. (See 22 CFR part 121.) (2) "Software" "required" for the "production" of equipment or "technology" subject to the export licensing authority of the U.S. Department of State, Office of Defense Trade Controls is also subject to the same licensing jurisdiction. (See 22 CFR part 121.)  
*Related Definitions:* N/A  
*Items:* The list of items controlled is contained in the ECCN heading

**9D003 "Software" required for the "use" of full authority digital electronic engine controls (FADEC) for propulsion systems controlled by 9A (except 9A018, 9A990 or 9A991) or equipment controlled by 9B (except 9B990 or 9B991), as follows (see List of Items Controlled).**

**License Requirements**

*Reason for Control:* NS, MT, AT

<i>Control(s)</i>	<i>Country Chart</i>
NS applies to "software" for "use" of FADEC for equipment controlled by 9A001 to 9A003.	NS Column 1
MT applies to "software" required for the "use" of FADEC for gas turbine engines controlled by 9A101, 9A106, or 9A110.	MT Column 1
AT applies to entire entry	AT Column 1

**License Exceptions**

CIV: Yes, except N/A for MT  
TSR: Yes, except N/A for MT

**List of Items Controlled**

*Unit:* \$ value  
*Related Controls:* (1) See also 9D103. (2) "Software" "required" for the "use" of items controlled by 9A004 is subject to the export licensing authority of the U.S.

Department of State, Office of Defense Trade Controls. (See 22 CFR part 121.) (3) "Software" "required" for the "use" of equipment or "technology" subject to the export licensing authority of the U.S. Department of State, Office of Defense Trade Controls is also subject to the same licensing jurisdiction. (See 22 CFR part 121.)  
*Related Definitions:* N/A  
*Items:* a. "Software" in digital electronic controls for propulsion systems, aerospace test facilities or air breathing aero-engine test facilities;  
b. Fault-tolerant "software" used in "FADEC" systems for propulsion systems and associated test facilities.

**9D004 Other "software", as follows (see List of Items Controlled).**

**License Requirements**

*Reason for Control:* NS, MT, AT

<i>Control(s)</i>	<i>Country Chart</i>
NS applies to entire entry	NS Column 1
MT applies to entire entry	MT Column 1
AT applies to entire entry	AT Column 1

**License Exceptions**

CIV: N/A  
TSR: N/A

**List of Items Controlled**

*Unit:* \$ value  
*Related Controls:* N/A  
*Related Definitions:* N/A  
*Items:* a. 2D or 3D viscous "software" validated with wind tunnel or flight test data required for detailed engine flow modelling;  
b. "Software" for testing aero gas turbine engines, assemblies or components, specially designed to collect, reduce and analyze data in real time, and capable of feedback control, including the dynamic adjustment of test articles or test conditions, as the test is in progress;  
c. "Software" specially designed to control directional solidification or single crystal casting;  
d. "Software" in "source code", "object code" or machine code required for the "use" of active compensating systems for rotor blade tip clearance control.

**Note:** 9D004.d does not control "software" embedded in uncontrolled equipment or required for maintenance activities associated with the calibration or repair or updates to the active compensating clearance control system.

**9D018 "Software" for the "use" of equipment controlled by 9A018.**

**License Requirements**

*Reason for Control:* NS, RS, AT

<i>Control(s)</i>	<i>Country Chart</i>
NS applies to entire entry	NS Column 1
RS applies to 9A018.a and .b.	RS Column 2
AT applies to entire entry	AT Column 1

**License Exceptions**

CIV: N/A  
TSR: Yes for Australia, Japan, New Zealand, and NATO only

**List of Items Controlled**

*Unit:* \$ value  
*Related Controls:* N/A  
*Related Definitions:* N/A  
*Items:* The list of items controlled is contained in the ECCN heading

**9D101 "Software" specially designed for the "use" of goods controlled by 9B105, 9B106, 9B116 or 9B117.**

**License Requirements**

*Reason for Control:* MT, AT

<i>Control(s)</i>	<i>Country Chart</i>
MT applies to entire entry	MT Column 1
AT applies to entire entry	AT Column 1

**License Exceptions**

CIV: N/A  
TSR: N/A

**List of Items Controlled**

*Unit:* \$ value  
*Related Controls:* N/A  
*Related Definitions:* N/A  
*Items:* The list of items controlled is contained in the ECCN heading

**9D102 "Software" specially designed for the "use" of items controlled by 9A101, 9A106, 9A110, and 9A120.**

**License Requirements**

*Reason for Control:* MT, AT

<i>Control(s)</i>	<i>Country Chart</i>
MT applies to entire entry	MT Column 1
AT applies to entire entry	AT Column 1

**License Exceptions**

CIV: N/A  
TSR: N/A

**List of Items Controlled**

*Unit:* \$ value  
*Related Controls:* "Software" for items controlled by 9A115 are subject to the export licensing authority of the U.S. Department of State, Office of Defense Trade Controls (see 22 CFR part 121)  
*Related Definitions:* N/A  
*Items:* The list of items controlled is contained in the ECCN heading

**9D103 "Software" specially designed for modelling, simulation or design integration of "missiles", or the subsystems controlled by 9A005, 9A007, 9A105.a, 9A106, 9A108, 9A116 or 9A119. (This entry is subject to the export licensing authority of the U.S. Department of State, Office of Defense Trade Controls. See 22 CFR part 121.)**

**9D990 "Software", n.e.s., for the "development" or "production" of equipment controlled by 9A990 or 9B990.**

**License Requirements**

*Reason for Control:* AT

<i>Control(s)</i>	<i>Country Chart</i>
AT applies to "software" for equipment under 9A990 except 9A990.a.	AT Column 1

*Control(s)*                      *Country Chart*  
 AT applies to "software" for equipment under 9A990.a only.

**License Exceptions**

CIV: N/A  
 TSR: N/A

**List of Items Controlled**

*Unit:* \$ value  
*Related Controls:* N/A  
*Related Definitions:* N/A  
*Items:* The list of items controlled is contained in the ECCN heading

**9D991 "Software", for the "development" or "production" of equipment controlled by 9A991 or 9B991.**

**License Requirements**

*Reason for Control:* AT

*Control(s)*                      *Country Chart*  
 AT applies to entire entry      AT Column 1

**License Exceptions**

CIV: N/A  
 TSR: N/A

**List of Items Controlled**

*Unit:* \$ value  
*Related Controls:* N/A  
*Related Definitions:* N/A  
*Items:* The list of items controlled is contained in the ECCN heading

**E. Technology**

**Note:** "Development" or "production" "technology" controlled by 9E001 to 9E003 for gas turbine engines remains controlled when used as "use" "technology" for repair, rebuild and overhaul. Excluded from control are: technical data, drawings or documentation for maintenance activities directly associated with calibration, removal or replacement of damaged or unserviceable line replaceable units, including replacement of whole engines or engine modules.

**9E001 "Technology" according to the General Technology Note for the "development" of equipment or "software" controlled by 9A001.c, 9A004 to 9A011, 9B (except 9B990 or 9B991), or 9D (except 9D990 or 9D991).**

**License Requirements**

*Reason for Control:* NS, MT, AT

*Control(s)*                      *Country Chart*  
 NS applies to "technology" for items controlled by 9A001.c, 9B001 to 9B009, 9D001 to 9D004.                      NS Column 1  
 MT applies to "technology" for items controlled by 9B001, 9B002, 9B003, 9B004, 9B005, 9B007, 9B105, 9B106, 9B116, 9B117, 9D001, 9D002, 9D003, and 9D004 for MT reasons.                      MT Column 1  
 AT applies to entire entry      AT Column 1

**License Requirement Notes:** See § 743.1 of the EAR for reporting requirements for exports under License Exceptions.

**License Exceptions**

CIV: N/A  
 TSR: N/A

**List of Items Controlled**

*Unit:* N/A  
*Related Controls:* (1) See also 9E101 and 1E002.f (for controls on "technology" for the repair of controlled structures, laminates or materials). (2) The "technology" required for the "development" of equipment controlled by 9A004 is subject to the export licensing authority of the U.S. Department of State, Office of Defense Trade Controls. (See 22 CFR part 121.) (3) "Technology", required for the "development" of equipment or "software" subject to the export licensing authority of the U.S. Department of State, Office of Defense Trade Controls, is also subject to the same licensing jurisdiction. (See 22 CFR part 121)

*Related Definitions:* "Development" or "production" "technology" controlled by 9E for gas turbine engines remains controlled when used as "use" "technology" for repair, rebuild and overhaul. Excluded from control are: technology, drawings or documentation for maintenance activities directly associated with calibration, removal or replacement of damaged or unserviceable line replaceable units, including replacement of whole engines or engine modules

*Items:* The list of items controlled is contained in the ECCN heading

**9E002 "Technology" according to the General Technology Note for the "production" of equipment controlled by 9A001.c, 9A004 to 9A011 or 9B (except 9B990 or 9B991).**

**License Requirements**

*Reason for Control:* NS, MT, AT

*Control(s)*                      *Country Chart*  
 NS applies to entire entry      NS Column 1  
 MT applies to "technology" for equipment controlled by 9B001, 9B002, 9B003, 9B004, 9B005, 9B007, 9B105, 9B106, 9B116, and 9B117 for MT reasons.      MT Column 1  
 AT applies to entire entry      AT Column 1

**License Requirement Notes:** See § 743.1 of the EAR for reporting requirements for exports under License Exceptions.

**License Exceptions**

CIV: N/A  
 TSR: N/A

**List of Items Controlled**

*Unit:* N/A  
*Related Controls:* (1) See also 9E102. (2) The "technology" required for the "development" of equipment controlled by 9A004 is subject to the export licensing authority of the U.S. Department of State, Office of Defense Trade Controls. (See 22 CFR part 121.) (3) "Technology", required for the "development" of equipment or

"software" subject to the export licensing authority of the U.S. Department of State, Office of Defense Trade Controls, is also subject to the same licensing jurisdiction. (See 22 CFR part 121)

*Related Definitions:* N/A

*Items:* The list of items controlled is contained in the ECCN heading

**9E003 Other "technology", as follows (see List of Items Controlled).**

**License Requirements**

*Reason for Control:* NS, SI, AT

*Control(s)*                      *Country Chart*

NS applies to entire entry      NS Column 1  
 SI applies to 9E003.a.1 through a.12 and f. See § 742.14 of the EAR for additional information.  
 AT applies to entire entry      AT Column 1

**License Requirement Notes:** See § 743.1 of the EAR for reporting requirements for exports under License Exceptions

**License Exceptions**

CIV: N/A  
 TSR: N/A

**List of Items Controlled**

*Unit:* N/A  
*Related Controls:* (1) Hot section "technology" specifically designed, modified, or equipped for military uses or purposes, or developed principally with U.S. Department of Defense funding, is subject to the licensing authority of the U.S. Department of State. (2) "Technology" is subject to the EAR when actually applied to a commercial aircraft engine program. Exporters may seek to establish commercial application either on a case-by-case basis through submission of documentation demonstrating application to a commercial program in requesting an export license from the Department Commerce in respect to a specific export, or in the case of use for broad categories of aircraft, engines, or components, a commodity jurisdiction determination from the Department of State.

*Related Definitions:* N/A

*Items:* a. "Technology" "required" for the "development", "production", or overhaul of the following commercial aircraft engines, components or systems:

a.1. Gas turbine blades, vanes or tip shrouds made from directionally solidified (DS) or single crystal (SC) alloys having (in the 001 Miller Index Direction) a stress-rupture life exceeding 400 hours at 1,273 K (1,000° C) at a stress of 200 MPa, based on the average property values;

a.2. Multiple domed combustors operating at average burner outlet temperatures exceeding 1,643 K (1,370° C) or combustors incorporating thermally decoupled combustion liners, non-metallic liners or non-metallic shells;

a.3. Components manufactured from organic "composite" materials designed to operate above 588 K (315° C), or from metal "matrix" "composite", ceramic "matrix", intermetallic or intermetallic reinforced materials controlled by 1A002 or 1C007;

a.4. Uncooled turbine blades, vanes, tip-shrouds or other components designed to

operate at gas path temperatures of 1,323 K (1,050° C) or more;

a.5. Cooled turbine blades, vanes or tip-shrouds, other than those described in 9E003.a.1, exposed to gas path temperatures of 1,643 K (1,370° C) or more;

a.6. Airfoil-to-disk blade combinations using solid state joining;

a.7. Gas turbine engine components using "diffusion bonding" "technology" controlled by 2E003.b;

a.8. Damage tolerant gas turbine engine rotating components using powder metallurgy materials controlled by 1C002.b;

a.9. Full authority digital electronic engine control (FADEC) for gas turbine and combined cycle engines and their related diagnostic components, sensors and specially designed components;

a.10. Adjustable flow path geometry and associated control systems for:

a.10.a. Gas generator turbines;

a.10.b. Fan or power turbines;

a.10.c. Propelling nozzles;

**Notes:** 1. Adjustable flow path geometry and associated control systems do not include inlet guide vanes, variable pitch fans, variable stators or bleed valves for compressors.

2. 9E003.a.10 does not control "development" or "production" "technology" for adjustable flow path geometry for reverse thrust.

a.11. Rotor blade tip clearance control systems employing active compensating casing "technology" limited to a design and development data base; or

a.12 Gas bearing for gas turbine engine rotor assemblies;

a.13. Wide chord hollow fan blades without part-span support;

b. "Technology" "required" for the "development" or "production" of any of the following:

b.1. Wind tunnel aero-models equipped with non-intrusive sensors capable of transmitting data from the sensors to the data acquisition system; or

b.2. "Composite" propeller blades or propfans capable of absorbing more than 2,000 kW at flight speeds exceeding Mach 0.55;

c. "Technology" "required" for the "development" or "production" of gas turbine engine components using "laser", water jet, ECM or EDM hole drilling processes to produce holes having any of the following sets of characteristics:

c.1. All of the following:

c.1.a. Depths more than four times their diameter;

c.1.b. Diameters less than 0.76 mm; and

c.1.c. Incidence angles equal to or less than 25°; or

c.2. All of the following:

c.2.a. Depths more than five times their diameter;

c.2.b. Diameters less than 0.4 mm; and

c.2.c. Incidence angles of more than 25°;

**Technical Note:** For the purposes of 9E003.c, incidence angle is measured from a plane tangential to the airfoil surface at the point where the hole axis enters the airfoil surface.

d. "Technology" "required" for the "development" or "production" of helicopter

power transfer systems or tilt rotor or tilt wing "aircraft" power transfer systems:

d.1. Capable of loss-of-lubrication operation for 30 minutes or more; or

d.2. Having an input power-to-weight ratio equal to or more than 8.87 kW/kg;

e.1. "Technology" for the "development" or "production" of reciprocating diesel engine ground vehicle propulsion systems having all of the following:

e.1.a. A box volume of 1.2 m<sup>3</sup> or less;

e.1.b. An overall power output of more than 750 kW based on 80/1269/EEC, ISO 2534 or national equivalents; and

e.1.c. A power density of more than 700 kW/m<sup>3</sup> of box volume;

**Technical Note:** Box volume: the product of three perpendicular dimensions measured in the following way:

Length: The length of the crankshaft from front flange to flywheel face;

Width: The widest of the following:

a. The outside dimension from valve cover to valve cover;

b. The dimensions of the outside edges of the cylinder heads; or

c. The diameter of the flywheel housing;

Height: The largest of the following:

a. The dimension of the crankshaft center-line to the top plane of the valve cover (or cylinder head) plus twice the stroke; or

b. The diameter of the flywheel housing.

e.2. "Technology" "required" for the "production" of specially designed components, as follows, for high output diesel engines:

e.2.a. "Technology" "required" for the "production" of engine systems having all of the following components employing ceramics materials controlled by 1C007:

e.2.a.1. Cylinder liners;

e.2.a.2. Pistons;

e.2.a.3. Cylinder heads; and

e.2.a.4. One or more other components (including exhaust ports, turbochargers, valve guides, valve assemblies or insulated fuel injectors);

e.2.b. "Technology" "required" for the "production" of turbocharger systems, with single-stage compressors having all of the following:

e.2.b.1. Operating at pressure ratios of 4:1 or higher;

e.2.b.2. A mass flow in the range from 30 to 130 kg per minute; and

e.2.b.3. Variable flow area capability within the compressor or turbine sections;

e.2.c. "Technology" "required" for the "production" of fuel injection systems with a specially designed multifuel (e.g., diesel or jet fuel) capability covering a viscosity range from diesel fuel (2.5 cSt at 310.8 K (37.8° C)) down to gasoline fuel (0.5 cSt at 310.8 K (37.8° C)), having both of the following:

e.2.c.1. Injection amount in excess of 230 mm<sup>3</sup> per injection per cylinder; and

e.2.c.2. Specially designed electronic control features for switching governor characteristics automatically depending on fuel property to provide the same torque characteristics by using the appropriate sensors;

e.3. "Technology" "required" for the "development" or "production" of high output diesel engines for solid, gas phase or liquid film (or combinations thereof) cylinder

wall lubrication, permitting operation to temperatures exceeding 723 K (450° C), measured on the cylinder wall at the top limit of travel of the top ring of the piston.

f. "Technology" not otherwise controlled in 9E003.a.1 through a.12 and currently used in the "development", "production", or overhaul of hot section parts and components of civil derivatives of military engines controlled on the U.S. Munitions List.

#### 9E018 "Technology" for the "development", "production", or "use" of equipment controlled by 9A018.

##### License Requirements

*Reason for Control:* NS, RS, AT

<i>Control(s)</i>	<i>Country Chart</i>
NS applies to entire entry	NS Column 1
RS applies to 9A018.a and .b.	RS Column 2
AT applies to entire entry	AT Column 1

##### License Exceptions

CIV: N/A

TSR: Yes for Australia, Japan, New Zealand, and NATO only

##### List of Items Controlled

*Unit:* N/A

*Related Controls:* N/A

*Related Definitions:* N/A

*Items:* The list of items controlled is contained in the ECCN heading

#### 9E101 "Technology" according to the General Technology Note for the "development" or "production" of goods controlled by 9A101, 9A104 to 9A111 or 9A115 to 9A120.

##### License Requirements

*Reason for Control:* MT, AT

<i>Control(s)</i>	<i>Country Chart</i>
MT applies to entire entry	MT Column 1
AT applies to entire entry	AT Column 1

##### License Exceptions

CIV: N/A

TSR: N/A

##### List of Items Controlled

*Unit:* N/A

*Related Controls:* "Technology" controlled by 9E101 for items in 9A101.b, 9A104, 9A105, to 9A109, 9A110 that are specially designed for use in missile systems and subsystems, 9A111, 9A115, and 9A116 to 9A120 are subject to the export licensing authority of the U.S. Department of State, Office of Defense Trade Controls (see 22 CFR part 121)

*Related Definitions:* N/A

*Items:* The list of items controlled is contained in the ECCN heading

#### 9E102 "Technology" according to the General Technology Note for the "use" of goods controlled by 9A004 to 9A011, 9A101, 9A104 to 9A111, 9A115 to 9A120, 9B105, 9B106, 9B115, 9B116, 9B117, 9D101 or 9D103.

##### License Requirements

*Reason for Control:* MT, AT

<i>Control(s)</i>	<i>Country Chart</i>	<b>9E990 “Technology”, n.e.s., for the “development” or “production” or “use” of equipment controlled by 9A990 or 9B990.</b>	<i>Reason for Control: AT</i>
MT applies to entire entry AT applies to entire entry	MT Column 1 AT Column 1	<b>License Requirements</b> <i>Reason for Control: AT</i>	<i>Control(s)</i> <i>Country Chart</i> AT applies to entire entry    AT Column 1
<b>License Exceptions</b> CIV: N/A TSR: N/A		<i>Control(s)</i> <i>Country Chart</i> AT applies to “tech- nology” for equipment under 9A990 and 9B990 except 9A990.a. AT applies to “tech- nology” for equipment under 9A990.a only.	<b>License Exceptions</b> CIV: N/A TSR: N/A
<b>List of Items Controlled</b> <i>Unit: N/A</i> <i>Related Controls:</i> (1) For the purpose of this entry, “use” “technology” is limited to items controlled for MT reasons. (2) “Technology” controlled by 9E102 for items subject to the export licensing jurisdiction of the Department of State in 9A004 to 9A011, 9A101.b, 9A104 to 9A109, 9A110 that are specially designed for use in missile systems and subsystems, 9A111, 9A115, 9A116 to 9A120, and 9D103 are subject to the export licensing authority of the U.S. Department of State, Office of Defense Trade Controls (see 22 CFR part 121) <i>Related Definitions: N/A</i> <i>Items:</i> The list of items controlled is contained in the ECCN heading		<b>License Exceptions</b> CIV: N/A TSR: N/A <b>List of Items Controlled</b> <i>Unit: \$ value</i> <i>Related Controls: N/A</i> <i>Related Definitions: N/A</i> <i>Items:</i> The list of items controlled is contained in the ECCN heading	<b>List of Items Controlled</b> <i>Unit: \$ value</i> <i>Related Controls: N/A</i> <i>Related Definitions: N/A</i> <i>Items:</i> The list of items controlled is contained in the ECCN heading
		<b>9E991 “Technology”, for the “development”, “production” or “use” of equipment controlled by 9A991 or 9B991.</b> <b>License Requirements</b>	<b>EAR99 Items subject to the EAR that are not elsewhere specified in this CCL Category or in any other category in the CCL are designated by the number EAR99.</b> Dated: December 23, 1997. <b>R. Roger Majak,</b> <i>Assistant Secretary for Export Administration.</i> [FR Doc. 98–1 Filed 1–14–98; 8:45 am] BILLING CODE 3510–33–P