

**TABLE 2.3.A**  
**Provisions for Dangerous Goods Carried by Passengers or Crew**  
**(Subsection 2.3)**

*Dangerous goods must not be carried in or as passengers or crew, checked or carry-on baggage, except as otherwise provided below. Dangerous goods permitted in carry-on baggage are also permitted "on one's person", except where otherwise specified.*

2  
2.3

The pilot-in-command must be informed of the location				
Permitted in or as carry-on baggage				
Permitted in or as checked baggage				
The approval of the operator is required				
<b>Alcoholic beverages</b> , when in retail packagings, containing more than 24% but not more than 70% alcohol by volume, in receptacles not exceeding 5 L, with a total net quantity per person of 5 L.	NO	YES	YES	NO
<b>Ammunition (cartridges for weapons), securely packaged</b> (in Div. 1.4S, UN 0012 or UN 0014 only), in quantities not exceeding 5 kg gross weight per person for that person's own use. Allowances for more than one person must not be combined into one or more packages.	YES	YES	NO	NO
<b>Avalanche rescue backpack</b> , one (1) per person, containing a cartridge of compressed gas in Div. 2.2. May also be equipped with a pyrotechnic trigger mechanism containing no more than 200 mg net of Div. 1.4S. The backpack must be packed in such a manner that it cannot be accidentally activated. The airbags within the backpacks must be fitted with pressure relief valves.	YES	YES	YES	NO
<b>Batteries, spare/loose, including lithium metal or lithium ion cells or batteries</b> , for portable electronic devices must be carried in carry-on baggage only. For lithium metal batteries the lithium metal content must not exceed 2 g and for lithium ion batteries the Watt-hour rating must not exceed 100 Wh. Articles which have the primary purpose as a power source, e.g. power banks are considered as spare batteries. These batteries must be individually protected to prevent short circuits. Each person is limited to a maximum of 20 spare batteries. *The operator may approve the carriage of more than 20 batteries.	NO*	NO	YES	NO
<b>Camping stoves and fuel containers that have contained a flammable liquid fuel</b> , with empty fuel tank and/or fuel container (see 2.3.2.5 for details).	YES	YES	NO	NO
<b>Chemical Agent Monitoring Equipment</b> , when carried by staff members of the Organization for the Prohibition of Chemical Weapons on official travel (see 2.3.4.4).	YES	YES	YES	NO
<b>Disabling devices</b> such as mace, pepper spray, etc. containing an irritant or incapacitating substance are forbidden on the person, in checked and carry-on baggage.	FORBIDDEN			
<b>Dry ice (carbon dioxide, solid)</b> , in quantities not exceeding 2.5 kg per person when used to pack perishables not subject to these Regulations in checked or carry-on baggage, provided the baggage (package) permits the release of carbon dioxide gas. Checked baggage must be marked "dry ice" or "carbon dioxide, solid" and with the net weight of dry ice or an indication that there is 2.5 kg or less dry ice.	YES	YES	YES	NO
<b>e-cigarettes</b> (including e-cigars, e-pipes, other personal vaporizers) containing batteries must be individually protected to prevent accidental activation.	NO	NO	YES	NO
<b>Electro shock weapons</b> (e.g. Tasers) containing dangerous goods such as explosives, compressed gases, lithium batteries, etc. are forbidden in carry-on baggage or checked baggage or on the person.	FORBIDDEN			
<b>Fuel cells</b> containing fuel, powering portable electronic devices (e.g. cameras, cellular phones, laptop computers and camcorders), see 2.3.5.10 for details.	NO	NO	YES	NO
<b>Fuel cell cartridges, spare</b> for portable electronic devices, see 2.3.5.10 for details.	NO	YES	YES	NO
<b>Gas cartridges, small, non-flammable</b> containing carbon dioxide or other suitable gas in Division 2.2. Up to two (2) small cartridges fitted into a <b>self-inflating safety device</b> such as a life jacket or vest. Not more than one (1) device per passenger and up to two (2) spare small cartridges per person, not more than four (4) cartridges up to 50 mL water capacity for other devices (see 2.3.4.2).	YES	YES	YES	NO
<b>Gas cylinders, non-flammable, non-toxic</b> worn for the <b>operation of mechanical limbs</b> . Also, spare cylinders of a similar size if required to ensure an adequate supply for the duration of the journey.	NO	YES	YES	NO
<b>Hair curlers containing hydrocarbon gas</b> , up to one (1) per passenger or crew-member, provided that the safety cover is securely fitted over the heating element. These hair curlers must not be used on board the aircraft at any time. Gas refills for such curlers are not permitted in checked or carry-on baggage.	NO	YES	YES	NO
<b>Heat producing articles</b> such as underwater torches (diving lamps) and soldering irons (See 2.3.4.6 for details).	YES	YES	YES	NO
<b>Insulated packagings containing refrigerated liquid nitrogen</b> (dry shipper), fully absorbed in a porous material containing only non-dangerous goods.	NO	YES	YES	NO
<b>Internal combustion or fuel cell engines</b> , must meet A70 (see 2.3.5.15 for details).	NO	YES	NO	NO
<b>Lamps, energy efficient</b> when in retail packaging intended for personal or home use.	NO	YES	YES	NO
<b>Lithium Batteries: Security-type equipment containing lithium batteries</b> (see 2.3.2.6 for details).	YES	YES	NO	NO

**TABLE 2.3.A**  
**Provisions for Dangerous Goods Carried by Passengers or Crew**  
**(Subsection 2.3) (continued)**

The pilot-in-command must be informed of the location				
Permitted in or as carry-on baggage				
Permitted in or as checked baggage				
The approval of the operator is required				
<p>△ <b>Lithium Batteries: Portable electronic devices (PED) containing lithium metal or lithium ion cells or batteries</b>, including medical devices such as portable oxygen concentrators (POC) and consumer electronics such as cameras, mobile phones, laptops and tablets, when carried by passengers or crew for personal use (see 2.3.5.9). For lithium metal batteries the lithium metal content must not exceed 2 g and for lithium ion batteries the Watt-hour rating must not exceed 100 Wh. Devices in checked baggage must be completely switched off and must be protected from damage. Each person is limited to a maximum of 15 PED. Baggage equipped with a lithium battery, other than lithium button cells, the battery must be removable. If offered as checked baggage the battery must be removed and carried in the cabin.            *The operator may approve the carriage of more than 15 PED.</p> <p><b>Lithium batteries, spare/loose, including power banks</b>, see <b>Batteries, spare/loose</b></p> <p><b>Lithium battery-powered electronic devices</b>. Lithium ion batteries for portable (including medical) electronic devices, a Wh rating exceeding 100 Wh but not exceeding 160 Wh. For portable medical electronic devices only, lithium metal batteries with a lithium metal content exceeding 2 g but not exceeding 8 g. Devices in checked baggage must be completely switched off and must be protected from damage.</p> <p><b>Lithium batteries, spare/loose</b> with a Watt-hour rating exceeding 100 Wh but not exceeding 160 Wh for consumer electronic devices and PMED or with a lithium metal content exceeding 2 g but not exceeding 8 g for PMED only. Maximum of two spare batteries in carry-on baggage only. These batteries must be individually protected to prevent short circuits.</p> <p><b>Matches, safety (one small packet) or a small cigarette lighter</b> that does not contain unabsorbed liquid fuel, other than liquefied gas, intended for use by an individual when carried on the person. Lighter fuel and lighter refills are not permitted on one's person or in checked or carry-on baggage.</p> <p><i>Note: "Strike anywhere" matches, "Blue flame" or "Cigar" lighters are forbidden.</i></p> <p><b>Mobility Aids:</b> Battery-powered wheelchairs or other similar mobility devices with <b>non-spillable wet batteries or with batteries which comply with Special Provision A123 or A199</b>, (see 2.3.2.2).</p> <p><b>Mobility Aids:</b> Battery-powered wheelchairs or other similar mobility devices with <b>spillable batteries or with lithium batteries</b> (see 2.3.2.3 and 2.3.2.4 for details).</p> <p><b>Mobility Aids:</b> Battery-powered wheelchairs or other similar mobility devices with <b>lithium ion batteries (collapsible)</b>, lithium-ion battery must be removed and carried in the cabin (see 2.3.2.4(d) for details).</p> <p><b>Non-radioactive medicinal or toiletry articles</b> (including aerosols) such as hair sprays, perfumes, colognes and medicines containing alcohol; and</p> <p><b>Non-flammable, non-toxic aerosols in Division 2.2</b>, with no subsidiary risk, for sporting or home use.</p> <p>The <u>total</u> net quantity of non-radioactive medicinal or toiletry articles and non-flammable, non-toxic aerosols in Division 2.2 must not exceed 2 kg or 2 L and the net quantity of each single article must not exceed 0.5 kg or 0.5 L. Release valves on aerosols must be protected by a cap or other suitable means to prevent inadvertent release of the contents.</p> <p><b>Oxygen or air, gaseous, cylinders required for medical use</b>. The cylinder must not exceed 5 kg gross weight.</p> <p><i>Note: Liquid oxygen systems are forbidden for transport.</i></p> <p><b>Permeation devices</b>, must meet A41 (see 2.3.5.16 for details).</p> <p><b>Portable electronic devices containing non-spillable batteries</b>, batteries must meet A67 and must be 12 V or less and 100 Wh or less. A maximum of 2 spare batteries may be carried (see 2.3.5.13 for details).</p> <p><b>Radioisotopic cardiac pacemakers</b> or other devices, including those powered by lithium batteries, implanted into a person or fitted externally, or radiopharmaceuticals contained within the body of a person as the result of medical treatment.</p> <p><b>Security-type attaché cases, cash boxes, cash bags</b>, etc. incorporating dangerous goods, such as lithium batteries and/or pyrotechnic material, except as provided in 2.3.2.6 are totally forbidden. See entry in 4.2-List of Dangerous Goods.</p> <p><b>Specimens, non-infectious</b> packed with small quantities of flammable liquid, must meet A180 (see 2.3.5.14 for details).</p> <p><b>Thermometer, medical or clinical</b>, which contains mercury, one (1) per person for personal use, when in its protective case.</p> <p><b>Thermometer or barometer, mercury filled</b> carried by a representative of a government weather bureau or similar official agency (see 2.3.3.1 for details).</p>	NO*	YES	YES	NO
	YES	YES	YES	NO
	YES	NO	YES	NO
	NO	ON ONE'S PERSON		NO
	YES	YES	NO	NO
	YES	YES	NO	YES
	YES	NO	YES	YES
	NO	YES	YES	NO
	NO	YES	NO	NO
	NO	YES	NO	NO
	NO	YES	YES	NO
	NO	ON ONE'S PERSON		NO
		FORBIDDEN		
	NO	YES	YES	NO
	NO	YES	NO	NO
	YES	NO	YES	YES

**Note:**  
 The provisions of 2.3 and Table 2.3.A may be limited by State or operator variations. Passengers should check with their airline for the current provisions.