

DANGEROUS GOODS

The following articles are not allowed to be carried into security restricted areas and on board an aircraft (not allowed in hold baggage, carry-on baggage and on one's person):

- Disabling devices
- Electro shock weapons

Articles of daily use

- Security-type attaché cases, cash boxes, cash bags, etc.
- Briefcases and diplomat's cases with built in alarm devices.
- Primary non rechargeable lithium batteries and cells. Rechargeable batteries for mobile phones and laptops are exempted.

Inflammable materials

- Flammable solid items such as matches and other flammable and combustible materials
- Flammable, non -flammable, deep frozen and toxic propellants
- Lighter gas
- Camping gas
- Camping stove
- Combustible paste (e.g. for a fondue)
- Flammable liquids such as lacquers, thinners, petrol or solvents
- Flammable and non-flammable paints
- Objects that release flammable gases on contact with water.

Gases

- Irritant gases such as pepper spray, KO sprays etc.
- Gas for lighters, camping stoves and burners
- Butane gas bottles
- Gas cylinders
- Blue flame lighters or cigar lighters
- Carbon cartridges for mineral water preparation

Goods that pose a risk to health

- Radioactive material
- Toxic and infectious substances (viruses, bacteria)

Other dangerous goods

- Explosives, ammunition, fireworks and signal rockets
- Non-rechargeable lithium batteries and cells from 2 g lithium per battery
- Oxidizing substances such as bleach and peroxide
- Corrosive substances such as acids, mercury, alkaline and cell battery liquids
- Magnetic objects and other substances that are classified as dangerous
- Electric shock weapons (e.g. tasers) with explosives, compressed gases or lithium batteries
- E-bikes
- Self-balancing electronic devices (e.g. hover boards, balance wheels)
- Combustion engines (e.g. lawnmower, powered saws)



Additional information is found on the following table 2.3.A. You are kindly requested to read it carefully:

DID YOU KNOW...

facts on lithium batteries

that your phone,



laptop,



and other
electronic devices



contain
lithium
batteries?



that
lithium batteries



and e-cigarettes



are
dangerous
goods?



that if
lithium batteries
are damaged
or short circuited



they can
start a **fire?**



Do not
put them
in your checked-in
luggage



**Carry them
with you**



*Your safety depends on **You** too*

To learn more, please check your airline's information on dangerous goods



ECAST
Component of ESSI



European Commercial Aviation Safety Team

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 | | | | |
| Alcoholic beverages , 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 |
| Ammunition (cartridges for weapons), securely packaged (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 |
| Avalanche rescue backpack , 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 |
| Batteries, spare/loose, including lithium metal or lithium ion cells or batteries , for portable electronic devices must be carried in carry-on baggage only. 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. | NO | NO | YES | NO |
| Camping stoves and fuel containers that have contained a flammable liquid fuel , with empty fuel tank and/or fuel container (see 2.3.2.5 for details). | YES | YES | NO | NO |
| Chemical Agent Monitoring Equipment , 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 |
| Disabling devices such as mace, pepper spray, etc. containing an irritant or incapacitating substance are forbidden on the person, in checked and carry-on baggage. | FORBIDDEN | | | |
| Dry ice (carbon dioxide, solid) , 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 |
| e-cigarettes (including e-cigars, e-pipes, other personal vaporizers) containing batteries must be individually protected to prevent accidental activation. | NO | NO | YES | NO |
| Electro shock weapons (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 | | | |
| △ Fuel cells 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 |
| Fuel cell cartridges, spare for portable electronic devices, see 2.3.5.10 for details. | NO | YES | YES | NO |
| Gas cartridges, small, non-flammable containing carbon dioxide or other suitable gas in Division 2.2. Up to two (2) small cartridges fitted into a self-inflating safety device 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 |
| Gas cylinders, non-flammable, non-toxic worn for the operation of mechanical limbs . Also, spare cylinders of a similar size if required to ensure an adequate supply for the duration of the journey. | NO | YES | YES | NO |
| Hair curlers containing hydrocarbon gas , 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 |
| Heat producing articles such as underwater torches (diving lamps) and soldering irons (See 2.3.4.6 for details). | YES | YES | YES | NO |
| Insulated packagings containing refrigerated liquid nitrogen (dry shipper), fully absorbed in a porous material containing only non-dangerous goods. | NO | YES | YES | NO |
| Internal combustion or fuel cell engines , must meet A70 (see 2.3.5.15 for details). | NO | YES | NO | NO |
| Lamps, energy efficient when in retail packaging intended for personal or home use. | NO | YES | YES | NO |
| Lithium Batteries: Security-type equipment containing lithium batteries (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)

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 | | | | |
| △ Lithium Batteries: Portable electronic devices containing lithium metal or lithium ion cells or batteries , 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. | NO | YES | YES | NO |
| Lithium batteries, spare/loose 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. | YES | NO | YES | NO |
| Lithium battery-powered electronic devices. 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. | YES | YES | YES | NO |
| Matches, safety (one small packet) or a small cigarette lighter 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. | NO | ON ONE'S PERSON | | NO |
| <i>Note: "Strike anywhere" matches, "Blue flame" or "Cigar" lighters are forbidden.</i> | | | | |
| Mobility Aids: Battery-powered wheelchairs or other similar mobility devices with non-spillable wet batteries or with batteries which comply with Special Provision A123 or A199 , (see 2.3.2.2). | YES | YES | NO | NO |
| Mobility Aids: Battery-powered wheelchairs or other similar mobility devices with spillable batteries or with lithium batteries (see 2.3.2.3 and 2.3.2.4 for details). | YES | YES | NO | YES |
| Mobility Aids: Battery-powered mobility aids with lithium ion batteries (collapsible) , lithium-ion battery must be removed and carried in the cabin (see 2.3.2.4(d) for details). | YES | NO | YES | YES |
| Non-radioactive medicinal or toiletry articles (including aerosols) such as hair sprays, perfumes, colognes and medicines containing alcohol; and | NO | YES | YES | NO |
| △ Non-flammable, non-toxic aerosols in Division 2.2 , with no subsidiary risk, for sporting or home use. The total 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. | NO | YES | NO | NO |
| Oxygen or air, gaseous, cylinders required for medical use . The cylinder must not exceed 5 kg gross weight. | YES | YES | YES | YES |
| <i>Note: Liquid oxygen systems are forbidden for transport.</i> | | | | |
| Permeation devices , must meet A41 (see 2.3.5.16 for details). | NO | YES | NO | NO |
| Portable electronic devices containing non-spillable batteries , 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). | NO | YES | YES | NO |
| Radioisotopic cardiac pacemakers 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. | NO | ON ONE'S PERSON | | NO |
| Security-type attaché cases, cash boxes, cash bags , 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. | | FORBIDDEN | | |
| Specimens, non-infectious packed with small quantities of flammable liquid, must meet A180 (see 2.3.5.14 for details). | NO | YES | YES | NO |
| △ Thermometer, medical or clinical , which contains mercury, one (1) per person for personal use, when in its protective case. | NO | YES | NO | NO |
| Thermometer or barometer, mercury filled carried by a representative of a government weather bureau or similar official agency (see 2.3.3.1 for details). | 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.