

DANGEROUS GOODS PANEL (DGP)

NINETEENTH MEETING

Montreal, 27 October to 7 November 2003

**EXCERPT FROM THE CANADIAN TRANSPORTATION OF
DANGEROUS GOODS REGULATIONS
SECTION 12.14 - MEDICAL AID
SECTION 12.15 - AIR AMBULANCE**

(Presented by J. Code)

12.14 Medical Aid

Section 1.1.3 of Chapter 1, Scope and applicability, of Part 1, General, of the ICAO Technical Instructions states that the Instructions do not apply to dangerous goods carried on board an aircraft when the dangerous goods are to provide, during flight, medical aid to a patient. This section is intended to cover the transport of dangerous goods before or after a person requiring the dangerous goods for medical aid during flight is on board the aircraft.

- (1) A person may handle, offer for transport or transport by aircraft within Canada dangerous goods, other than Class 2, Gases, if
- (a) the dangerous goods will be used or part of the dangerous goods have been used for a person who will require or who has required medical aid during flight;
 - (b) the transport of the dangerous goods is not forbidden by Schedule 1 or Schedule 3 of these Regulations or the ICAO Technical Instructions;
 - (c) before the dangerous goods are loaded, the person who offers them for transport receives the agreement of the air carrier to transport the dangerous goods on board the aircraft;
 - (d) the air carrier

- (i) directly supervises the loading and securing of the **dangerous goods** on board the **aircraft** so that they do not move during transport,
 - (ii) complies with section 3.1, Inspection for damage or leakage, of Chapter 3, Inspection and decontamination, of Part 7, Operator's Responsibilities, of the **ICAO Technical Instructions**, and
 - (iii) provides to the pilot-in-command, in writing, the **shipping name**, the **UN number** and the **class** of the **dangerous goods** and their location on board the **aircraft**;
- (e) [Repealed]
- (f) in the event of a change of **aircraft** or flight crew, the pilot-in-command communicates the information required by subparagraph (d)(iii) to the next pilot-in-command;
 - (g) the air **carrier's** employees are trained, or work under the direct supervision of a **person** who is trained, in accordance with Part 6, Training, of these Regulations and Chapter 4, Training, of Part 1, General, of the **ICAO Technical Instructions**; and
 - (h) the air **carrier** complies with Part 8, **accidental release** and **Imminent Accidental Release** Report Requirements, of these Regulations.
- (2) The air **carrier** and the **person** who offers the **dangerous goods** for transport must ensure that
- (a) the **dangerous goods** are contained in a **means of containment** that is designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including **handling**, there will be no accidental release of **dangerous goods** that could endanger **public safety**; and
 - (b) the **means of containment** has displayed on it the package markings and labels required by Chapter 2, Package markings, and Chapter 3, Labelling, of Part 5, Shipper's Responsibilities, of the **ICAO Technical Instructions**.
- (3) A **person** may handle, **offer for transport** or transport by **aircraft** within Canada UN1072, OXYGEN, COMPRESSED, if
- (a) the air **carrier** and the **person** who offers the **dangerous goods** for transport comply with the requirements of subsection (1) and paragraph (2)(b);
 - (b) the **dangerous goods** are in a **cylinder** that is in compliance with section 5.10 of Part 5, **Means of Containment**, of these Regulations;
 - (c) each **cylinder** contains a quantity of UN1072, OXYGEN, COMPRESSED, that is less than or equal to 850 L or 30 ft³ ;

- (d) the number of **cylinders** containing UN1072, OXYGEN, COMPRESSED, does not exceed 6 owned by the air **carrier** and one additional **cylinder** for each **passenger** who needs the oxygen at destination;
- (e) the pilot-in-command is advised of the number of **cylinders** loaded on board the **aircraft**; and
- (f) the **cylinders** are transported in the cabin of the **aircraft** and
 - (i) are secured in accordance with the **Aircraft** Certification or Certificate of Airworthiness requirements of the "Canadian Aviation Regulations"; and
 - (ii) are in an overpack or outer **means of containment** that is in compliance with **special provision** A52 in section 172.102 of 49 CFR.

12.15 Air Ambulance

A **person** may handle or transport dangerous goods within Canada by an air ambulance dedicated to and configured for the transport of patients, of **persons** who are accompanying or who have accompanied a patient or of medical **personnel** if

- (a) the transport of the **dangerous goods** is not forbidden by Schedule 1 or Schedule 3 of these Regulations or the **ICAO Technical Instructions**;
- (b) the **dangerous goods** are contained in a **means of containment** that
 - (i) has displayed on it the package markings and labels required by Chapter 2, Package Markings, and Chapter 3, Labelling, of Part 5, Shipper's Responsibilities, of the **ICAO Technical Instructions**,
 - (ii) for a **cylinder**, is in compliance with section 5.10 of Part 5, **Means of Containment**, of these Regulations, and
 - (iii) is secured to prevent movement during transport;
- (c) the air **carrier's** employees are trained, or work under the direct supervision of a **person** who is trained, in accordance with Part 6, Training, of these Regulations and Chapter 4, Training, of Part 1, General, of the **ICAO Technical Instructions**;
- (d) the pilot-in-command complies with section 4.3, Information by pilot-in-command in case of in-flight **emergency**, of Chapter 4, Provision of information, of Part 7, Operator's Responsibilities, of the **ICAO Technical Instructions**;
- (e) a document that includes the **shipping name**, the **UN number** and the **class** of the dangerous goods that are likely to be transported on board the air ambulance at any one time is kept in the cockpit with the pilot-in-command in a plastic see-through or laminated cover; and

- (f) the air carrier complies with Part 8, **accidental release** and **Imminent Accidental Release** Report Requirements, of these Regulations.

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