

DANGEROUS GOODS PANEL (DGP)

NINETEENTH MEETING

Montreal, 27 October to 7 November 2003

Agenda Item 3: Resolution, where possible, of the non-recurrent work items identified by the Commission or the panel

3.3 Dangerous goods guidance material for security personnel

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**EMERGENCY RESPONSE GUIDANCE FOR AIRCRAFT INCIDENTS
INVOLVING DANGEROUS GOODS (DOC 9481)**

(Presented by the Secretary)

SUMMARY

Below are the amendments to Sections 2, 3 and 4 arising from the meeting of the Working Group of the Whole (Montreal, 5 to 9 May 2003).

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Section 2

GENERAL CONSIDERATION

2.1 GENERAL

The following are considerations which may need to be taken into account in assessing an appropriate course of action to take in the event of an incident involving dangerous goods. These considerations apply whether the aircraft involved is carrying passengers, cargo or both.

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- 9) Care should always be taken when mopping up any spillage or leakage to ensure there will be no reaction between what is to be used for mopping up and the dangerous goods. If it appears there could be a reaction, mopping up should not be attempted but the spillage should be covered with polyethylene bags. If polyethylene bags are not available, care should be

taken to ensure there will be no reaction between whatever is used to contain the item and the item itself.

- 10) In case of a spill of known or suspected dangerous goods in powder form, everything affected should be left undisturbed. This type of spill should not be covered with a fire agent or diluted with water. Passengers should be moved away from the area. Switching off re-circulation fans should be considered. The area of the spillage should be covered using polyethylene or other plastic bags and blankets. After this the area should be kept isolated, after landing only specialists are supposed to deal with the situation.

Editorial Note.— other paragraphs need to be renumbered.

Secretarial Note: See WG/03-WP/45

Section 3

EXAMPLES OF DANGEROUS GOODS INCIDENTS CHECKLISTS

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3.4 AMPLIFIED CABIN CREW CHECKLIST FOR DANGEROUS GOODS INCIDENTS IN THE PASSENGER CABIN DURING FLIGHT

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PLACE DANGEROUS GOODS ITEM IN POLYETHYLENE BAGS

Note — In the case of a spill of known or suspected dangerous goods in powder form

- leave everything undisturbed
- do not use fire agent or water
- cover area with polyethylene or other plastic bags and blankets
- keep area isolated until after landing

With emergency response kit

If it is absolutely certain that the item will not create a problem the decision may be made not to move it. In most circumstances, however, it will be better to move the item and this should be done as suggested below. Place the item in a polyethylene bag as follows:

- prepare two bags by rolling up the sides and placing them on the floor;
- place the item inside the first bag with the closure of the item, or the point from which it is leaking from its container, at the top;

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Secretarial Note: See WG/03-WP/45

Section 4

CHART OF DRILLS AND LIST OF DANGEROUS GOODS WITH DRILL REFERENCE NUMBERS

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4.1 AIRCRAFT EMERGENCY RESPONSE DRILLS

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Table 4.1 Aircraft Emergency Response Drills

- 1. COMPLETE APPROPRIATE AIRCRAFT EMERGENCY PROCEDURES.**
- 2. CONSIDER LANDING AS SOON AS PRACTICABLE.**
- 3. USE DRILL FROM THE CHART BELOW.**

| Drill No. | Inherent Risk | Risk to Aircraft | Risk to Occupants | Spill or Leak Procedure | Fire-Fighting Procedure | Additional Considerations |
|--------------|---|--|---|---|--|--|
| ... | | | | | | |
| 11 | Infectious substances may affect humans or animals if inhaled, ingested or absorbed through the mucous membrane or an open wound. | Contamination with Infectious Substances | Delayed infection to humans or animals only. | Do not touch. Minimum recirculation and ventilation in affected area. | All agents according to availability. No water on 'Y' drill letter | Call for a qualified person to meet the aircraft |
| DRILL LETTER | ADDITIONAL RISK | DRILL LETTER | ADDITIONAL RISK | | | |
| A | ANAESTHETIC | P | TOXIC* (POISON) | | | |
| C | CORROSIVE | S | SPONTANEOUSLY COMBUSTIBLE OR | | | |
| E | EXPLOSIVE | W | PYROPHORIC | | | |
| F | FLAMMABLE | X | IF WET GIVES OFF POISONOUS OR | | | |
| H | HIGHLY IGNITABLE | | FLAMMABLE GAS | | | |
| I | IRRITANT / TEAR | | OXIDIZER | | | |
| L | PRODUCING OTHER RISK LOW OR NONE | Y | DEPENDENT ON THE TYPE OF INFECTIOUS SUBSTANCE THE APPROPRIATE NATIONAL AUTHORITY MAY BE REQUIRED TO QUARANTINE INDIVIDUALS, ANIMALS , CARGO AND THE AIRCRAFT. | | | |
| M | MAGNETIC | | | | | |
| N | NOXIOUS | | | | | |

* Toxic has the same meaning as poison.

Secretarial Note: *See WG/03-WP/36*

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Table 4.2 Alphabetical list of dangerous goods with drill codes

| UN No. | Drill Code | Proper Shipping Name |
|---------------|-------------------|--|
| ... | | |
| 2900 | 11Y | Infectious substance, affecting animals |
| 2814 | 11Y | Infectious substance, affecting humans |

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