



WORKING PAPER

**DANGEROUS GOODS PANEL (DGP)
WORKING GROUP MEETING (DGP-WG/15)**

Montreal, 27 April to 1 May 2015

Agenda Item 2: Development of recommendations for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) for incorporation in the 2017-2018 Edition

2.8: Part 8 — Provisions Concerning Passengers and Crew

**PROPOSAL TO ADD SOME EXAMPLES
OF “PORTABLE ELECTRONIC DEVICES” IN TABLE 8-1**

(Presented by H. Sugimoto)

SUMMARY

This paper proposes to add some more examples of portable electronic devices to Table 8-1 of the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284).

Action by the DGP: The DGP is invited to consider revisions to the provisions of Table 8-1, item 19) as shown in the appendix to this working paper.

1. INTRODUCTION

1.1 Table 8-1 contains the provisions for dangerous goods carried by passengers or crew. Item 19 to Table 8-1 provides an exemption for portable electronic devices. The name of the article provided in the first column of Table 8-1 is “Portable electronic devices (such as watches, calculating machines, cameras, cellular phones, laptop computers, camcorders)”. However, we are afraid that the word “Portable” causes confusion, since there are a wide variety of items containing lithium batteries or non-spillable batteries nowadays which can be easily held not only by one hand but also by both hands.

1.2 Small battery-powered toy vehicles for children, electronic scooters and unicycles are examples of devices that are powered by lithium batteries or non-spillable batteries. These items are not small like laptop computers or cellular phones but they meet the requirements on batteries.

1.3 We propose to add some bigger items such as toy vehicles for children and electronic scooters and unicycles to the list with watches, calculating machines, cameras, cellular phones, laptop computers and camcorders so as to avoid unnecessary confusion among operators as well as passengers.

2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to consider revising Item 19 to Table 8-1 as shown in the appendix to this working paper.

APPENDIX

PROPOSED AMENDMENT TO PART 8 OF THE TECHNICAL INSTRUCTIONS

Part 8

PROVISIONS CONCERNING
PASSENGERS AND CREW

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Table 8-1. Provisions for dangerous goods carried by passengers or crew

Items or articles	Location			Approval of the operator(s) is required	The pilot-in-command must be informed	Restrictions
	Checked baggage	Carry-on baggage	On the person			
...						
Consumer articles						
...						
19) Portable electronic devices (such as watches, calculating machines, cameras, cellular phones, laptop computers, camcorders, <u>toy vehicles</u> , <u>electronic scooters and unicycles</u>)						
≠ Portable electronic devices (including medical devices) containing lithium metal or lithium ion cells or batteries (articles containing lithium metal or lithium ion cells or batteries the primary purpose of which is to provide power to another device must be carried as spare batteries in accordance with the item below)	Yes	Yes	Yes	No	No	a) carried by passengers or crew for personal use; b) should be carried as carry-on baggage; c) each battery must not exceed the following: <ul style="list-style-type: none"> — for lithium metal batteries, a lithium content of not more than 2 grams; or — for lithium ion batteries, a Watt-hour rating of not more than 100 Wh; d) if devices are carried in checked baggage, measures must be taken to prevent unintentional activation; and e) batteries and cells must be of a type which meets the requirements of each test in the <i>UN Manual of Tests and Criteria</i> , Part III, subsection 38.3.

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