



**WORKING PAPER**

**DANGEROUS GOODS PANEL (DGP)  
MEETING OF THE WORKING GROUP OF THE WHOLE**

**Montréal, 15 to 19 October 2012**

**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 2015-2016 Edition**

**2.4: Part 4 — Packing Instructions**

**REVIEW OF PACKING INSTRUCTION Y963**

(Presented by D. Brennan)

**SUMMARY**

This working paper proposes a revision to Packing Instruction Y963 to more closely align to the requirements for limited quantity packagings.

Action by the DGP-WG is in paragraph 2.

**1. INTRODUCTION**

1.1 Packing Instruction Y963, which applies to ID 8000, Consumer commodity, is a long-standing packing instruction and one that contains detailed packing requirements for substances assigned to ID 8000. Packing Instruction Y963 has minimal references to other parts of the Technical Instructions as it is intended that the packing instruction is effectively a self-contained work instruction for users of the packing instruction.

1.2 In the development of the reformatted packing instructions for the 2011-2012 Edition of the Technical Instructions, Packing Instruction 910, which applied to ID 8000, was renumbered as limited quantity Packing Instruction Y963 and provision for the stack test from Part 3;4.4.2 was added to paragraph b) in the packing instruction.

1.3 However, other parts of paragraph b) were not revised and there have been some questions regarding the inconsistency of the paragraph compared to the requirements of Part 3;4.4.1 for the drop test for limited quantity packages.

1.4 Paragraph b) in Packing Instruction Y963 only requires that completed packages containing breakable inner packagings are required to be capable of withstanding a 1.2 m drop test.

Part 3;4.4.1 requires that this capability be applied to all packages prepared under the limited quantity provisions and also specifies the criteria for passing the capability test, which is missing from Packing Instruction Y963.

1.5 It is also believed that the use of “completed packagings” in the second sentence of paragraph b) is not correct and instead the text should refer to “packages”.

## 2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to consider a revision to paragraph b) of Packing Instruction Y963, as presented in the appendix to this working paper.

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## APPENDIX

### PROPOSED AMENDMENT TO THE TECHNICAL INSTRUCTIONS

#### Packing Instruction Y963

Passenger and cargo aircraft for ID 8000 only

Consumer commodities are materials that are packaged and distributed in a form intended or suitable for retail sale for the purposes of personal care or household use. These include items administered or sold to patients by doctors or medical administrations. Except as otherwise provided below, dangerous goods packed in accordance with this packing instruction do not need to comply with 4;1 or Part 6 of these Instructions; they must, however, comply with all other applicable requirements.

- a) Each packaging must be designed and constructed to prevent leakage that may be caused by changes in altitude and temperature during air transport.
- b) Inner packagings that are breakable (such as earthenware, glass or brittle plastic) must be packed to prevent breakage and leakage under conditions normally incident to transport. ~~These completed packagings~~ Each package offered for transport must be capable of withstanding a 1.2 m drop on solid concrete in the position most likely to cause damage. The criteria for passing the test is that the outer packaging must not exhibit any damage liable to affect safety during transport and there must be no leakage from the inner packaging(s). Each package offered for transport must be capable of withstanding, without breakage or leakage of any inner packaging and without significant reduction of effectiveness, a force applied to the top surface for a duration of 24 hours equivalent to the total weight of identical packages if stacked to a height of 3 m (including the test sample).

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