



**WORKING PAPER**

**DANGEROUS GOODS PANEL (DGP)  
WORKING GROUP MEETING (DGP-WG/16)**

**Montreal, 17 to 21 October 2016**

**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 2019-2020 Edition**

**2.4: Part 4 — Packing Instructions**

**REVISION TO PACKING INSTRUCTION Y963**

(Presented by D. Brennan)

**SUMMARY**

This working paper proposes revision to Packing Instruction Y963 to include the exceptions that are included in Part 4;1.1.13.1 under which orientation arrows are not required on packages containing liquid dangerous goods.

**Action by the DGP-WG:** The DGP-WG is invited to revise Packing Instruction Y963 as shown in the appendix to this working paper.

**1. INTRODUCTION**

1.1 The Technical Instructions make allowance for certain dangerous goods, which are in a form intended or suitable for retail sale for the purposes of personal care or household use, to be assigned to ID 8000, **Consumer commodity**. ID 8000 is assigned to Packing Instruction Y963. Packing Instruction Y963 is written in a form that is designed to be “stand alone” and includes detailed requirements for packing consumer commodities and specifically excludes Part 4;1 and Part 6 of the Technical Instructions as being applicable.

1.2 While Packing Instruction Y963 specifically excludes Part 4;1 as being applicable, there are certain provisions from Part 4;1 that have been brought into Packing Instruction Y963. One of these provisions is the requirement that inner packagings containing liquid dangerous goods must be packed with closures upward and, with some exceptions, packages of ID 8000 containing liquid dangerous goods must bear orientation arrows.

1.3            However, the provisions of Packing Instruction Y963 relating to the requirements for orientation arrows, subparagraph f) is not in alignment with the provisions of Part 4;1.1.13.1, which includes exceptions for liquid dangerous goods not exceeding 500 mL in gas tight inner packagings such as tubes, bags or vials bags which are opened by breaking or puncturing. Part 4;1.1.13.1 also no longer limits the 120 mL exception to just flammable liquids, which is what is reflected in Packing Instruction 963.

1.4            To address these misalignments with part 4;1.1.13.1 it is proposed that subparagraph f) of Packing Instruction Y963 be revised to reflect the exceptions from the application of orientation arrows for these types of inner packagings as provided for in Part 4;1.1.13.1.

## 2.            **ACTION BY THE DGP-WG**

2.1            The DGP-WG is invited to revise Packing Instruction Y963 as shown in the appendix to this working paper.

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APPENDIX

PROPOSED AMENDMENT TO PART 4 OF THE TECHNICAL INSTRUCTIONS

PART 4  
PACKING INSTRUCTIONS

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Chapter 11

CLASS 9 — MISCELLANEOUS DANGEROUS GOODS

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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.

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- f) Inner packagings containing liquids, excluding flammable liquids in inner packagings of 120 mL or less, must be packed with their closures upward and the upright position of the package must be indicated by "Package orientation" labels (Figure 5-29). These labels, or pre-printed package orientation labels meeting the same specification as either Figure 5-29 or ISO Standard 780-1997, must be affixed to, or printed on, at least two opposite vertical sides of the package with the arrows pointing in the correct direction. These requirements do not apply to:

- 1) dangerous goods in inner packagings each containing not more than 120 mL with sufficient absorbent material between the inner and outer packagings to completely absorb the liquid contents; or
- 2) dangerous goods in gas tight inner packagings such as tubes, bags or vials which are opened by breaking or puncturing.

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