



WORKING PAPER

DANGEROUS GOODS PANEL (DGP)

TWENTY-EIGHTH MEETING

Virtual, 15 to 19 November 2021

Agenda Item 2: Managing air-specific safety risks and identifying anomalies

2.2: Develop proposals, if necessary, for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284)* for incorporation in the 2023-2024 Edition

REVISION TO PACKING INSTRUCTION Y960

(Presented by P. Guo)

SUMMARY

This working paper proposes an amendment to Packing Instruction Y960 to include aluminium and steel boxes to the list of outer packagings of combination packagings and to add a column for maximum quantity of dangerous goods per package to the quantity limit table.

Action by the DGP: The DGP is invited to consider amending Packing Instruction Y960 by adding:

- a) steel and aluminium boxes to the list of outer packagings of combination packagings; and
- b) a column for “Maximum quantity of dangerous goods per package” to the quantity limit table;

as shown in the appendix to this working paper.

1. INTRODUCTION

1.1 Packing Instruction Y960 is assigned to UN 3316 — **Chemical kit** and **First aid kit**. It lists fibreboard, natural wood, other metal, plastics, plywood, and reconstituted wood boxes as permitted outer packagings of combination packagings, but excludes steel and aluminium.

1.2 The Twenty-Third Meeting of the Dangerous Goods Panel (DGP/23, 11 to 21 October 2011) recommended adding other metal box to the list of outer packagings in Packing Instruction Y960 for incorporation in the 2013-2014 Edition of the Technical Instructions for the sake of alignment with the UN Model Regulations.

1.3 The outer packagings in packing instruction P901 of the UN Model Regulations include steel and aluminium boxes in addition to other metal boxes.

1.4 Packing Instruction Y960 of the IATA Dangerous Goods Regulations allows the use of steel boxes, aluminium boxes, and other metal boxes as metal outer packaging.

1.5 Therefore, it is recommended that steel and aluminium boxes be allowed to be used in accordance with Packing Instruction Y960 of the Technical Instructions.

1.6 In addition, Packing Instruction Y960 stipulates that the maximum quantity of dangerous goods per kit is 1 kg. The maximum quantity of each package for UN 3316 transported by passenger aircraft is 1 kg. The kit is not a package, which is easy to cause misunderstanding.

2. ACTION BY THE DGP

2.1 The DGP is invited to consider amending Packing Instruction Y960 by adding:

- a) steel and aluminium boxes to the list of outer packagings of combination packagings;
and
- b) a column for “Maximum quantity of dangerous goods per package” to the quantity limit table;

as shown in the appendix to this working paper.

APPENDIX A

PROPOSED AMENDMENT TO PACKING INSTRUCTION Y960 OF THE TECHNICAL INSTRUCTIONS

Part 4

PACKING INSTRUCTIONS

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Packing Instruction Y960						
Limited quantities						
Passenger and cargo aircraft for UN 3316 only						
...						
<i>UN number and proper shipping name</i>	<i>State</i>	<i>Inner packaging* (see 6;3.2)</i>	<i>Maximum quantity of dangerous goods per kit</i>	<i>Maximum quantity of dangerous goods per package</i>	<i>Total gross mass per package</i>	SINGLE PACKAGINGS
UN 3316 Chemical kit or First aid kit	Liquid	30 mL	1 kg	<u>1 kg</u>	30 kg	No
	Solid	100 g				
*Containing dangerous goods.						
...						
OUTER PACKAGINGS OF COMBINATION PACKAGINGS (see 6;3.1)						
<i>Boxes</i>						
<u>Aluminium</u>						
Fibreboard						
Natural wood						
Other metal						
Plastics						
Plywood						
Reconstituted wood						
<u>Steel</u>						