



WORKING PAPER

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

Atlantic City, United States, 4 to 8 April 2011

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 2013-2014 Edition

2.4: Part 4 — Packing Instructions

**PACKING GROUP AND QUANTITY LIMITS:
UN 3334 AVIATION REGULATED LIQUID, N.O.S.
UN 3335 AVIATION REGULATED SOLID, N.O.S.**

(Presented by Adrian Tušek)

SUMMARY

This paper proposes amendments to Part 4:

1. Packing Instruction Y956 requires a consequential amendment to include UN 3335 in the heading.
2. Packing Instruction Y964 requires a consequential amendment to include UN3334 in the heading.
3. Packing Instruction 964 for UN 3334 imposes 'No limit' for a quantity per package. For safety reasons a limit should be imposed.

The above amendments relate to omissions that were not identified during the inclusion of UN 3334 and UN 3335 as being permitted for transport in limited quantities and their assignment to applicable Packing Instructions.

Action by the DGP-WG is in paragraph 2.

1. INTRODUCTION

1.1 Part 3;4.1.2 of the Technical Instructions contains details of those dangerous goods permitted to be transported in limited quantities.

1.2 Provisions for the carriage of UN 3334 Aviation regulated liquid, n.o.s. and UN 3335 Aviation regulated solid, n.o.s. in limited quantities were added to the 2011-2012 Edition of the Instructions and reflected in Part 3; Table 3-1. A consequential amendment to reflect this in Part 3;4.1.2 was made in Corrigendum No. 1 to the 2011-2012 Edition.

1.3 A consequential amendment to the headings of Packing Instruction Y956 and Packing Instruction Y964 did not occur to include UN 3334 and UN 3335, as applicable.

1.4 Packing Instruction 964 applicable to UN 3335 does not impose a quantity limit (see also Table 3-1) for passenger or cargo aircraft. This is inconsistent with other Class 9 dangerous goods that are permitted for transport in limited quantities.

1.5 The types of substances that might be regarded as Aviation regulated liquids could have effects similar to UN 1990 Benzaldehyde and UN 1941 Dibromodifluoromethane and be transported without limit. For safety reasons this seems inappropriate for a generic n.o.s. entry.

2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to:

- a) amend Packing Instruction Y964 to include text for UN 3334 in the heading.
- b) amend Packing Instruction Y956 to include text for UN 3335 in the heading.
- c) include a quantity limit in Packing Instruction 964 for UN 3334.

Proposed changes are shown in 'red'

<p>Packing Instruction Y956 Limited quantities Passenger and cargo aircraft for UN 3077 <u>and UN 3335</u> only</p>
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<p>Packing Instruction Y964 Limited quantities Passenger and cargo aircraft for UN 1941, UN 1990 and UN 3082 <u>and UN 3334</u> only</p>
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Packing Instruction 964

Passenger and cargo aircraft for UN 1941, UN 1990, UN 2315, UN 3151, UN 3082 and UN 3334 only

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COMBINATION PACKAGINGS					SINGLE PACKAGINGS	
<i>UN number and proper shipping name</i>	<i>Inner packaging (see 6.3.2)</i>	<i>Inner packaging quantity (per receptacle)</i>	<i>Total quantity per package — passenger</i>	<i>Total quantity per package — cargo</i>	<i>Passenger</i>	<i>Cargo</i>
...						
UN 3334 Aviation regulated liquid, n.o.s.	Glass	10.0 L	No Limit	No Limit	No Limit	No Limit
	Plastics	30.0 L	<u>100L</u>	<u>220L</u>	<u>100L</u>	<u>220L</u>
	Metal	40.0 L				

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