



WORKING PAPER

DANGEROUS GOODS PANEL (DGP)

TWENTY-THIRD MEETING

Montréal, 11 to 21 October 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

LOCATION OF TABLE 7-1 SEGREGATION BETWEEN PACKAGES

(Presented by M. Paquette)

SUMMARY

This paper proposes moving Table 7-1 (Segregation between packages) from Part 7, Chapter 1 (Acceptance Procedures) to Part 7, Chapter 2 (Storage and Loading) of the Technical Instructions.

Action by the DGP: The DGP is invited to consider relocating Table 7-1 (Segregation between packages) to Part 7, Chapter 2 between sub-paragraphs 2.2.1 and 2.2.2 as presented in the appendix to this working paper.

1. INTRODUCTION

1.1 Users of the Technical Instructions have indicated having difficulties locating Table 7-1 (Segregation between packages) as their first instinct is to refer to Part 7;2, Storage and Loading.

1.2 There is a reference to Table 7-1 in Chapter 1 (Acceptance Procedures) for the acceptance of packages containing different dangerous goods packed together. However, we believe that the table is most often used when ensuring that incompatible packages are not stored or loaded next to each other. Also, Note 1 in the table makes reference to sub-paragraphs 2.2.2.2 through 2.2.2.5, thus moving the table to Chapter 2 may simplify matters for the users.

1.3 We, therefore, recommend that Table 7-1 — Segregation between packages — be moved from its present location to Part 7;2 after sub-paragraph 2.2.1.

APPENDIX

PROPOSED AMENDMENT TO THE TECHNICAL INSTRUCTIONS

Part 7

OPERATOR'S RESPONSIBILITIES

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2.2 INCOMPATIBLE DANGEROUS GOODS

2.2.1 Segregation

Packages containing dangerous goods which might react dangerously one with another must not be stowed on an aircraft next to each other or in a position that would allow interaction between them in the event of leakage. As a minimum, the segregation scheme shown in Table 7-1 must be followed in order to maintain acceptable segregation between packages containing dangerous goods having different hazards. The scheme applies irrespective of whether the hazard is the primary or subsidiary risk.

Table 7-1 below is moved from Part 7;1

Table 7-1. Segregation between packages

<u>Hazard label</u>	<u>Class or division</u>							
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4.2</u>	<u>4.3</u>	<u>5.1</u>	<u>5.2</u>	<u>8</u>
<u>1</u>	<u>Note 1</u>	<u>Note 2</u>	<u>Note 2</u>	<u>Note 2</u>	<u>Note 2</u>	<u>Note 2</u>	<u>Note 2</u>	<u>Note 2</u>
<u>2</u>	<u>Note 2</u>	=	=	=	=	=	=	=
<u>3</u>	<u>Note 2</u>	=	=	=	=	x	=	=
<u>4.2</u>	<u>Note 2</u>	=	=	=	=	x	=	=
<u>4.3</u>	<u>Note 2</u>	=	=	=	=	=	=	x
<u>5.1</u>	<u>Note 2</u>	=	x	x	=	=	=	=
<u>5.2</u>	<u>Note 2</u>	=	=	=	=	=	=	=
<u>8</u>	<u>Note 2</u>	=	=	=	x	=	=	=

An "x" at the intersection of a row and column indicates that packages containing these classes of dangerous goods may not be stowed next to or in contact with each other, or in a position which would allow interaction in the event of leakage of the contents. Thus, a package containing Class 3 dangerous goods may not be stowed next to or in contact with a package containing Division 5.1 dangerous goods.

Note 1.— See 2.2.2.2 through 2.2.2.5.

Note 2.— This class or division must not be stowed together with explosives other than those in Division 1.4, Compatibility Group S.

Note 3.— Packages containing dangerous goods with multiple hazards in the class or divisions which require segregation in accordance with Table 7-1 need not be segregated from other packages bearing the same UN number.

2.2.2 Separation of explosive substances and articles

2.2.2.1 Only explosives in Division 1.4, Compatibility Group S, are permitted to be transported on passenger aircraft. Only the following explosives may be transported on a cargo aircraft:

Division 1.3: Compatibility Groups C, G

Division 1.4: Compatibility Groups B, C, D, E, G, S.

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