



**WORKING PAPER**

**DANGEROUS GOODS PANEL (DGP)**

**TWENTY-FIRST MEETING**

**Montréal, 5 to 16 November 2007**

**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 2009-2010 Edition**

**SECURING OF DANGEROUS GOODS**

(Presented by M. Rogers)

**SUMMARY**

This paper proposes to amend the requirements for the securing of dangerous goods, specifying that packages are not to change position during flight.

Action by the DGP is in paragraph 2.

**1. INTRODUCTION**

1.1 Part 7;2.4.2 requires dangerous goods to be secured “in a manner that will prevent any movement in flight which would change the orientation of the packages”.

1.2 Movement causing a change of orientation is certainly a threat to the integrity of a package. The movement of a package without change of orientation followed by sudden contact with a surface of a cargo compartment, or with other freight, is another threat that should be avoided. Current regulations do not require the avoidance of any movement that does not include a change in orientation of the package.

**2. ACTION BY THE DGP**

2.1 The DGP is invited to *amend* 7;2.4.2 as follows:

**2.4.2 Securing of dangerous goods**

The operator must secure dangerous goods in the aircraft in a manner that will prevent any movement in flight which would change the orientation of the packages or any movement which would change the position of the packages within the cargo compartment. For packages or overpacks containing radioactive material, the securing must be adequate to ensure that the separation requirements of 2.9.3 are met at all times.

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