



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

Agenda Item 5: Resolution, where possible, of the non-recurrent work items identified by the Air Navigation Commission or the panel

5.4: Review of provisions for dangerous goods relating to lithium batteries

CARRIAGE BY PASSENGERS OF LITHIUM BATTERIES IN CARRY ON BAGGAGE

(Presented by G.A. Leach)

SUMMARY

This paper proposes the Dangerous Goods Panel amend the Technical Instructions to recommend all lithium batteries/battery powered equipment permitted for carriage by passengers be carried in carry-on baggage only.

Action by the DGP is in paragraph 2.

1. INTRODUCTION

1.1 At the Ad Hoc Working Group Meeting on Lithium Batteries (Montreal 4 to 5 October 2007), DGP/21-WP/52 invited discussion on whether lithium batteries permitted for carriage by passengers should be restricted to carry-on baggage only; it was suggested that following a number of incidents involving these items, there may be just cause for the Technical Instructions to treat them in a similar way to safety matches and lighters (not on the person but at least in the cabin).

1.2 The general view of the ad hoc working group was that to require carriage in the cabin would be problematic for a number of reasons, e.g:

- a) carry-on baggage is not always carried in the cabin;
- b) operator staff would have difficulty in differentiating between lithium and other types of batteries which would not be so restricted;
- c) the risk of an incident had to be balanced against the potential delay/disruption at check-in;

d) compliance would depend on an enormous passenger education programme.

1.3 Consequently, it was decided more realistic for carriage in the cabin to be a recommended practice.

2. ACTION BY THE DGP

2.1 The DGP is invited to *amend* 8;1.1.2 q) as follows:

q) consumer electronic devices (watches, calculating machines, cameras, cellular phones, laptop computers, camcorders, etc.) containing lithium or lithium ion cells or batteries when carried by passengers or crew for personal use, which should be carried in carry-on baggage. Spare batteries must be individually protected so as to prevent short circuits and carried in carry-on baggage only. In addition, each spare battery must not exceed the following quantities:

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