



MEMORANDUM

Airport Performance & Standards

REF.	Dangerous Goods and Special Load Manual Section 5 (Table 2.3.A)
TO	Whom it may concern
FROM	David Hiscotte
DATE	Effective 1 <sup>st</sup> January 2017 through 31 <sup>st</sup> December 2017
SUBJECT	Lithium batteries carried by film crews ( <a href="http://www.airnewzealand.co.nz/dangerous-goods">http://www.airnewzealand.co.nz/dangerous-goods</a> )

**Background**

Air New Zealand is a member of the International Air Transport Association (IATA) and therefore adopts the rules set down by IATA for the carriage of Dangerous Goods by passengers. The current IATA Dangerous Goods Regulations (58<sup>th</sup> Edition) applies.

**Conditions of acceptance and carriage**

Whether a lithium battery can be carried by air or not depends on its configuration and either Watt-hour (Wh) rating (for rechargeable) or Lithium Content (LC) (for non-rechargeable). To convert Amp-hours (Ah) to Watt-hours (Wh) multiply Ah by Voltage e.g. 7Ah x 12V=84Wh.

Use the following table to determine if your battery is acceptable:

Watt Hour Rating (Wh) or Lithium Content (LC)	Configuration	Carry-on Baggage	Checked Baggage
Less than or equal to 100 Watt Hours or (2g)	*In equipment	YES	YES
	Spare batteries	YES (†No Limit)	<b>NO</b>
Between 101 and 160 Watt Hours or (no greater than 8g)	*In equipment	YES	YES
	Spare batteries	YES (Maximum 2)	<b>NO</b>
Over 160 Watt Hours	May be presented and carried as cargo in accordance with IATA Dangerous Goods Regulations provided all batteries are contained in equipment.		

\* In equipment is defined as being limited to the device that the battery is intended to power.

† Must be restricted to a “reasonable” amount needed for personal use only.

**Batteries contained in equipment** such as laptop computers, cameras, mobile phones, etc must be switched off and measures taken to ensure that they cannot be accidentally activated when placed in checked baggage.

The terminals of all **spare batteries** must be protected from short circuit by; enclosing them in their original retail packaging or taping over the terminals or separate plastic bags for each battery.

David Hiscotte

**Manager Airport Performance & Standards**