



MEMORANDUM

Ground Operations Standards

REF.	Dangerous Goods and Special Load Manual Section 5 (Table 2.3.A)
TO	Whom it may concern
FROM	Shane Constable
DATE	Effective 1 st January 2018 through 31 st December 2018 <i>These conditions of carriage may be subject to change via IATA Addendum during this period</i>
SUBJECT	Lithium batteries carried by film crews (http://www.airnewzealand.co.nz/dangerous-goods)

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 (59th 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 (Maximum 20)	NO
Between 101 and 160 Watt Hours or (no greater than 8g)	* In equipment	YES	YES
	Spare batteries	YES (Maximum 2)	NO
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. A **maximum of 15 electronic devices** may be carried per person, this allowance cannot be transferred.

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.

Shane Constable
Manager Ground Operations Standards