



# EMBASSY OF THE REPUBLIC OF THE PHILIPPINES

سفارة جمهورية الفلبين

MANAMA

INFORMATION BULLETIN NO.- AAV-014-2016

13 March 2016

To All Filipinos in Bahrain,

The Philippine Embassy would like to inform you of the following restrictions being implemented in the transport of small lithium battery-powered personal devices such as hover boards, self-balancing single or multi-wheels, and mini segways on Passenger Aircrafts:

- a. When carried by passengers or crew, devices containing lithium ion batteries having a Watt-hour rating of 100 Wh or less may be permitted under the provisions for portable electronic devices containing lithium metal or lithium ion cells or batteries contained in Part 8 of Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9248), provided all applicable criteria listed in the restrictions column of Table 8-1 are met. Devices containing lithium ion batteries having a Watt-hour rating exceeding 100 Wh but not more than 160 Wh may be carried subject to an approval by the operator. Those exceeding 160 Wh are not permitted to be carried by passengers or crew.
- b. When transported as cargo, devices containing batteries must be assigned to UN 3171 — Battery-powered vehicle and are subject to all applicable requirements of the Technical Instructions. Batteries not contained in the device must be consigned as UN 3480 — Lithium ion batteries.

Enclosed, for information and reference, is Memorandum Circular No 08-16 dated 16 February 2016 from the Civil Aviation Authority of the Philippines.

  
**ALFONSO A. VER**  
Ambassador





Republic of the Philippines  
Department of Transportation and Communications  
**CIVIL AVIATION AUTHORITY OF THE PHILIPPINES**  
*Office of the Director General*

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MEMORANDUM CIRCULAR NO: 08-16

TO : ALL CONCERNED

FROM : THE DIRECTOR GENERAL

SUBJECT : DANGEROUS GOODS CARRIED BY PASSENGER AND CREW – SMALL LITHIUM BATTERY POWERED PERSONAL TRANSPORTATION DEVICES INCLUDING HOVER BOARDS

DATE : FEB 16 2016

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REFERENCE:

1. ICAO Electronic Bulletin 2016/01 - AN 11/2.1 dated 5 January 2016

Small lithium battery-powered personal transportation devices are being carried as cargo and by passengers in checked and/or carry-on baggage. Examples of these devices include hover boards, self-balancing single or multi-wheels, and mini segways. Reports received by this Authority that some of the devices are catching fire.

Pursuant to the powers vested on the Director General of the Civil Aviation Authority of the Philippines under Republic Act 9497 and in the interest of aviation safety, the said devices are required to be carried by the passenger in the cabin, where an incident can be immediately mitigated. The following provisions shall apply when they are carried by passengers or crew and when they are transported as cargo:

- (a) When carried by passengers or crew, devices containing lithium ion batteries having a Watt-hour rating of 100 Wh or less may be permitted under the provisions for portable electronic devices containing lithium metal or lithium ion cells or batteries contained in Part 8 of Doc 9284, provided all applicable criteria listed in the restrictions column of Table 8-1 are met. Devices containing lithium ion batteries having a Watt-hour rating exceeding 100 Wh but not more than 160 Wh may be carried subject to an approval by the operator. Those exceeding 160 Wh are not permitted to be carried by passengers or crew.
- (b) When transported as cargo, devices containing batteries must be assigned to UN 3171 – Battery-powered vehicle and are subject to all applicable requirements of the Technical Instructions. Batteries not contained in the devices must be consigned as UN 3481 – Lithium ion Batteries.

*SSP Ag. haly 02/17/16*

*"The Future is in the Skies"*

**EFFECTIVITY:**

Fifteen (15) days after publication in a requisite single newspaper of general circulation and a copy filed with the U.P. Law Center - Office of the National Administrative Register (ONAR), this Memorandum Circular shall take effect and supersedes any orders and/or memoranda in conflict herewith.



**LT GEN WILLIAM K HOTCHKISS III AFP (RET)**  
Director General

CHIEF OF STAFF  
MAY 19 1976  
*ESP/whaling 02/17/76*



International Civil Aviation Organization

## ELECTRONIC BULLETIN

For information only

EB 2016/01  
AN 11/2.1

5 January 2016

### **DANGEROUS GOODS CARRIED BY PASSENGER AND CREW — SMALL LITHIUM BATTERY POWERED PERSONAL TRANSPORTATION DEVICES INCLUDING HOVER BOARDS**

1. Small lithium battery-powered personal transportation devices are being carried by air as cargo and by passengers in checked and/or carry-on baggage in increasing numbers. Examples of these devices include hover boards, self-balancing single or multi-wheels, and mini segways. Some operators have banned carriage of them by passengers and crew because of safety concerns prompted by media reports of some devices catching fire. While the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) currently allow these devices to be carried provided certain conditions are met, States are encouraged to recommend to operators that they require passengers to carry such devices in the cabin, where an incident can be immediately mitigated, and not in checked baggage.

2. Several States have reported a level of confusion amongst air operators who continue to allow carriage of the devices with respect to which provisions of Doc 9284 apply when they are carried by passengers or crew and when they are transported as cargo. The following outlines which provisions apply:

- a) When carried by passengers or crew, devices containing lithium ion batteries having a Watt-hour rating of 100 Wh or less may be permitted under the provisions for portable electronic devices containing lithium metal or lithium ion cells or batteries contained in Part 8 of Doc 9284, provided all applicable criteria listed in the restrictions column of Table 8-1 are met. Devices containing lithium ion batteries having a Watt-hour rating exceeding 100 Wh but not more than 160 Wh may be carried subject to an approval by the operator. Those exceeding 160 Wh are not permitted to be carried by passengers or crew.
- b) When transported as cargo, devices containing batteries must be assigned to UN 3171 — **Battery-powered vehicle** and are subject to all applicable requirements of the Technical Instructions. Batteries not contained in the device must be consigned as UN 3480 — **Lithium ion batteries**.

3. States are encouraged to provide the information in this bulletin to operators and to emphasize the need to ensure all staff handling such devices are aware of the restrictions that apply. States are also encouraged to emphasize the need for operators to ensure that passengers are aware of the restrictions that apply.

Issued under the authority of the Secretary General