

SAFETY NOTICE

SUBJECT: Transport of Lithium Batteries Shipments

GENERAL: Safety Notices (SNs) are issued by the Civil Aviation Authority – Macao, China to convey advisory information to Macao aviation entities to enhance safety. SNs contain safety-related recommendations, guidance and/or industrial best practices to specific subjects which may or may not have been addressed by established requirements and regulations.

RELATED REGULATIONS: Twentieth Schedule of the Air Navigation Regulation of Macao (ANRM)

AC/OPS/005 – Transport of Dangerous Goods by Air

APPLICABILITY: This SN applies to air operators who transport lithium batteries shipments by air into/out of Macao International Airport.

CANCELLATION: This SN is the first SN issued on this subject.

REFERENCES: The following material was referred to for the development of this SN:

- ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284)

1. Introduction

- 1.1 This Safety Notice is issued to emphasize that lithium batteries shipments packed in compliance with Section II of Packing Instruction (PI) 967 or PI970 are “**Dangerous Goods**” and these lithium batteries shipments shall not be handled in a similar way as general cargo.

2. Background

- 2.1 Twentieth Schedule to the Air Navigation Regulation of Macao (ANRM) states that dangerous goods shall not be carried or have loaded in an aircraft without the written permission of the AACM and Macao Aeronautical Circular AC/OPS/005 – Transport of Dangerous Goods by Air was published to introduce air operators the application details and procedures for obtaining the dangerous goods permit.
- 2.2 Recently, the AACM observed that some air operators mistakenly perceived lithium batteries shipments packed in compliance with Section II of PI967 or PI970 as “non-Dangerous Goods” and neglected to timely apply for the dangerous goods permit granted by the AACM for the transport of relevant lithium batteries shipments into/out of Macao International Airport.

3. Clarification

- 3.1 Although shipments declared as “Lithium Ion Batteries in compliance with Section II of PI967” or “Lithium Metal Batteries in compliance with Section II of PI970” are not subject to certain provisions of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284), such as submission of Shipper’s Declaration for Dangerous Goods, these lithium batteries shipments are still classified as **“Dangerous Goods”** under UN3481 Lithium ion batteries contained in equipment or UN3091 Lithium metal batteries contained in equipment. Therefore, air operators who transport these lithium batteries shipments into/out of Macao International Airport shall have the dangerous goods permit granted by the AACM.

4. Recommended Actions

- 4.1 Air operators are encouraged to note the information contained in this Safety Notice to properly handle the abovementioned lithium batteries shipments in accordance with the ICAO Technical Instructions and timely apply for the permit granted by the AACM for the transport of dangerous goods into/out of Macao International Airport.

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