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# **TTCAA OPERATIONS DIRECTIVE**

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## **Trinidad and Tobago Civil Aviation Authority (TTCAA) Operations Directive TOD-006**

**Date of Issue: 21/08/2019**

**Effective Date: 21/08/2019**

### **SUBJECT**

1. Safety Precautions regarding the Transport by Air of Damaged, Defective or Recalled Lithium Batteries

### **PURPOSE**

2. The purpose of this TTCAA Operations Directive (TOD) is to alert operators to the requirements of the International Civil Aviation Organisation (ICAO) Technical Instructions for Safe Transport of Dangerous Goods (ICAO TI).

### **REGULATORY BASIS**

3. This TOD-006 is issued in accordance with the provisions of TTCAR No. 2:11A. – 11X. of the Civil Aviation [(No. 2) Operations] (Amendment) Regulations, 2016, and TTCAR No. 1:3 (6) (aa) of the Civil Aviation [(No. 1) General Application and Personnel Licensing] Regulations, 2004.

### **APPLICABILITY**

4. This TOD-006 is applicable to Air Operator Certificate (AOC) holders of Trinidad and Tobago, and foreign aircraft operators conducting flight operations to, from and within the Republic of Trinidad and Tobago.

### **BACKGROUND**

5. The ICAO TI prohibits air cargo shipments of lithium batteries and lithium battery powered devices when such items are the subject of a safety recall or when the lithium battery has been identified by the manufacturer as having a safety defect. Passenger carriage of defective/recalled lithium batteries and devices with lithium batteries installed may also be restricted depending on the nature of the risk and the recall safety instructions.

## COMPLIANCE

6. (1) National air operators to which this TOD is applicable shall ensure that –
  - Lithium batteries identified by the manufacturer as being defective for safety reasons, or that have been damaged, that have the potential of producing a dangerous evolution of heat, fire or short circuit are forbidden for transport.
- (2) Failure by an air operator to comply with the directives of this TOD may result in the Authority taking enforcement action against the air operator.

## RECOMMENDED ACTION

7. National Air Operators shall implement the following recommendations:
  - Operator personnel responsible for cargo processing should know and understand that damaged or safety-recalled lithium batteries, including those installed in equipment and devices are forbidden on aircraft as air cargo.
  - Operator personnel responsible for passenger processing and cabin safety should know and understand that damaged or recalled lithium batteries, including those installed in devices may be restricted from carriage or use on the aircraft.
  - Make information available to crews, passengers and staff processing passengers about any restrictions and limitations to carry on board an aircraft damaged, defective or recalled lithium batteries or devices.
  - All crewmembers and ground personnel handling passengers and baggage must understand that they shall report incidents where fire, violent rupture, explosion, or heat sufficient to be dangerous to packaging or personal safety has occurred. This includes charring, melting, or scorching of packaging, or other evidence that may indicate the involvement of a battery or battery-powered device.
  - If a damaged, defective or recalled battery or device is noticed to have been carried inadvertently on board an aircraft, require the passenger concerned, to keep the battery or device turned off, protect it from accidental activation (also disabling any features that may turn it on), keep it on the person, and not charge it at any time.
  - Inform passengers of the need to immediately alert the cabin crew when a device is damaged, hot, produces smoke, is lost, or falls into the seat structure.
  - During ticket purchase and check-in processes, inform passengers that spare lithium batteries are prohibited from checked baggage (including checked baggage at the gate) and refer passengers to ICAO TI.
  - Evaluate training and communication protocols in operations with respect to lithium batteries, personal and medical electronic devices, and mobility aids.
  - Include information about damaged and recalled lithium batteries and devices in the operator's online guidance and other public notices regarding hazardous materials in cargo and baggage.

No information contained in this TOD precludes an air operator from proactively placing its own restrictions on the carriage, onboard use, or onboard charging of specific lithium battery products prior to an official government-facilitated recall or prior to a TTCAA advisory.

**Duly issued under the authority of -**



**Francis Regis**  
**Director General, Civil Aviation**