

## Safety Information Bulletin

<b>CAAS SIB No.</b>	2018-05
<b>Issued</b>	09 November 2018
<b>Subject</b>	Operations of Unmanned Aircraft using DJI Battery TB50 and TB55
<b>Ref. Publications</b>	Da-Jiang Innovations Science and Technology Co. Ltd (DJI)'s official information: <a href="https://www.dji.com/newsroom/news/dji-advises-customers-to-fly-with-caution-when-using-tb50- and-tb55-batteries-in-drones">https://www.dji.com/newsroom/news/dji-advises-customers-to-fly-with-caution-when-using-tb50- and-tb55-batteries-in-drones</a>
<b>Applicability</b>	All operators of Unmanned Aircraft (UA) in Singapore using UA equipped with DJI Battery model TB50 or TB55, including all DJI Matrice 200 Series (200, 210 and 210 RTK platforms) and the DJI Inspire 2.
<b>Description</b>	<p>DJI issued an official advisory on 31 October 2018 advising all customers to fly with caution when operating their UA equipped with TB50 and TB55 batteries. This is following reports received stating that a number of TB50 and TB55 batteries were displaying incorrect power levels, leading to loss of power mid-flight.</p> <p>The purpose of this safety information bulletin (SIB) is to highlight the requirements under Paragraph 72E of the Air Navigation Order, which states:</p> <p><i>72E.—(1) A person must not operate an unmanned aircraft —</i> <i>(a) outdoors within the boundaries of any prohibited area; or</i> <i>(b) indoor or outdoors anywhere in Singapore in a manner likely to endanger the safety of any person, aircraft or property.</i> <i>(2) To avoid doubt, a UA operator permit and an activity permit do not authorise the holder of the permit to act in contravention of this paragraph.</i></p>
<b>Recommendation(s)</b>	<p><b>Operators of affected UA types are reminded to abide by the guidelines for safe and responsible operation of unmanned aircraft.</b></p> <p>When operating an unmanned aircraft, the operator should adhere to these guidelines:</p> <p>(a) Know the characteristics of the aircraft and how to fly it safely;</p>

- (b) Ensure that the aircraft is safe for flight before operating it;
- (c) Fly only in good visibility and weather conditions;
- (d) Keep the aircraft within visual sight at all times;
- (e) Ensure the operation of transmitting devices of the unmanned aircraft system complies with IMDA requirements;
- (f) Keep sufficient distance from people, property and other aircraft (manned or unmanned);
- (g) Not fly an unmanned aircraft over any person;
- (h) Not suspend, carry or attach any item to the unmanned aircraft, unless it is manufactured to do so; and
- (i) Not fly where the unmanned aircraft may interfere with emergency service providers; or over moving vehicles where it might endanger or distract drivers.

**Operators of affected UA types are also strongly encouraged to abide by the safety instructions as recommended by the manufacturer in the official released information.**

**This safety notice will be subject to regular review. CAAS will issue a further update as soon as there is more information obtained from the manufacturer.**

**Contact(s)**

Further queries can be addressed to [CAAS\\_AFO\\_UAS@caas.gov.sg](mailto:CAAS_AFO_UAS@caas.gov.sg).