



Safety Information Bulletin

CAAS SIB No.	2016-04
Issued	09 September 2016
Subject	Carriage of Samsung Galaxy Note 7 mobile phones by passengers and in the cargo hold.
Ref. Publications	<ol style="list-style-type: none"> 1) Singapore Air Navigation Order (ANO) 2) Singapore Air Operator Certificate Requirements (AOCR) 3) ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air (ICAO TI)
Purpose	To raise awareness among crew and ground staff the potential fire hazard of the Samsung Galaxy Note 7 mobile phone.
Applicability	All Singapore Air Operator Certificate (AOC) Holders
Cancellation	N/A
Background	<p>Recently, there had been several news reports of the Samsung Galaxy Note 7 mobile phone exploding or catching fire. The probability of exploding is higher when the phone is being charged. Initial investigation by Samsung suggests that the events had resulted from defective lithium batteries installed in these handsets and Samsung has recalled some 2.5 million phones globally.</p>
Regulatory Obligation	<p>Regulations on the use of portable electronic devices on board an aircraft are specified in AOCR Chapter 7, Paragraph 2.8.</p> <p>ANO Part VB, Paragraph 50E(1) read with the Nineteenth Schedule Part II, Paragraph 1, specifies that air operators must verify that dangerous goods consignments comply with the requirements of ICAO TI prior to accepting them for carriage by air as cargo.</p> <p>ICAO TI Special Provision A154 specifies 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</p>

forbidden for transport (e.g. those being returned to the manufacturer for safety reasons).

Recommendation(s) Taking into consideration the fire risk posed by Samsung Note 7 phones onboard an aircraft, air operators are recommended to:

1. advise passengers carrying the Samsung Galaxy Note 7 to refrain from using or charging the device onboard the aircraft;
2. raise awareness among crew members of the risk involved.
3. refresh crew members with the knowledge on the application of emergency procedures¹ to deal with battery or PED fire / smoke in the cabin;
4. take necessary action to ensure that cargo consignments containing recalled Samsung Galaxy Note 7 handsets installed with potentially defective batteries are not offered for transportation by air.

Contact(s) For further information, contact respective POIs or CAAS A/FO Division Infocenter at 6595 6764 or CAAS_AFO_Infocenter@caas.gov.sg

¹ Procedures on dealing with a battery or PED fire / smoke in the cabin can be found in the ICAO Emergency Response Guidance for Aircraft Incidents Involving Dangerous Goods (ICAO Doc 9481)