



International
Civil Aviation
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Международная
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منظمة الطيران
المدني الدولي

国际民用
航空组织

Eastern and Southern African Regional Office/Bureau régional Afrique orientale et australe

Ref: ES AN 9/8 - 0127

26 February 2016

Subject: Lithium Battery Workshop (Nairobi, Kenya, 18-19 April 2016)

Action required: Reply not later than 24 March 2016

Dear Sir/Madam,

I wish to invite your State Administration/Organization to participate in the Lithium Battery Workshop to be held at the ICAO Regional Office for Eastern and Southern Africa in Nairobi, Kenya from 18 to 19 April 2016.

The risk posed by lithium batteries to the aviation system has been the focus of several discussions by the ICAO Council and the Air Navigation Commission (ANC), and the need for a global strategy to deal with these risks has been identified.

Following recommendations from the 25th meeting of the Dangerous Goods Panel (DGP/25), Montréal, 19 to 30 October 2015, the ICAO Council has approved amendments to the 2015-2016 edition of the Technical Instructions for lithium ion batteries to be transported at a reduced state of charge (30%), and there will be limits on the number of packages of batteries excepted from full requirements in any one consignment. These changes will be effective from 1 April 2016. There has been extensive discussion on the risks associated with the carriage of lithium ion batteries as cargo, with particular emphasis on cargo on passenger aircraft. These risks include:

- a) the inability of cargo compartment fire protection systems to suppress or extinguish a fire involving significant quantities of lithium batteries;
- b) the inability to establish an absolute safe quantity limit for lithium ion batteries because of the number of variables that contribute to the degree of risk posed by different battery or cell chemistries, sizes, design types and quantities being transported;
- c) the lack of a mechanism to identify and communicate the specific hazards and safety risks associated with each battery and cell type offered for transport to the operator;
- d) the lack of transparency with regard to batteries excepted from full regulation making it impossible or impractical for operators to accurately determine the quantities of batteries carried as cargo; and
- e) the absence of a packaging standard to mitigate the risks.

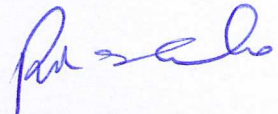
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The Workshop will be of considerable benefit to those Civil Aviation Authority (CAA) personnel delegated oversight authority for dangerous goods (either as dangerous goods or operations inspectors), as well as those delegated authority to prevent the introduction of hazards into the aviation system. It is also of interest to accidents investigation agencies, air operators, ground handling agencies, shippers, freight forwarders, security staff and dangerous goods training organizations. The Workshop will also include a review of the discussion in the DGP, the Flight Operations Panel (FLTOPSP), the Airworthiness Panel (AIRP) and the recommendations by the ANC to the Council.

The Provisional Agenda of the Workshop is at **Attachment A**. The Bulletin describing the administrative arrangements for the Workshop, along with other useful information for the participants, including information related to the entry visa to Kenya and the Hotel List is at **Attachment B**.

I would appreciate if you could, as soon as possible, preferably not later than 24 March 2016, confirm the participation of your Administration/Organization by submitting the Nomination Form at **Attachment C** to the following email address (icaoesaf@icao.int) with a copy to (PMbengue@icao.int).

Yours sincerely,



Barry Kashambo
Regional Director

Attachments:

- A- Information Bulletin
- B- Agenda
- C- Nomination Form