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2021-2022 Edition
ADDENDUM NO. 1
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INTERNATIONAL CIVIL AVIATION ORGANIZATION

**TECHNICAL INSTRUCTIONS FOR THE SAFE TRANSPORT
OF DANGEROUS GOODS BY AIR**

2021-2022 EDITION

ADDENDUM NO. 1

The attached addendum should be incorporated into the 2021-2022 Edition of the Technical Instructions (Doc 9284) and is applicable from 1 January 2021.

(2 pages)

**TECHNICAL INSTRUCTIONS FOR THE SAFE TRANSPORT
OF DANGEROUS GOODS BY AIR**

The following amendments are approved and published by decision of the Council of ICAO and should be incorporated into the 2021-2022 Edition of the Technical Instructions (Doc 9284) with an applicability date of 1 January 2021:

In Part 1, Chapter 2, page 1-2-1, paragraph 2.2.1, *insert* the following new sub-paragraph d) and *renumber* subsequent sub-paragraph as follows:

- d) alcohol-based hand sanitizers and alcohol-based cleaning products carried aboard an aircraft by the operator for use on the aircraft during the flight or series of flights for the purposes of passenger and crew hygiene;
- e) electronic devices, such as electronic flight bags, personal entertainment devices, and credit card readers, containing lithium metal or lithium ion cells or batteries and spare lithium batteries for such devices carried aboard an aircraft by the operator for use on the aircraft during the flight or series of flights, provided that the batteries meet the provisions of Table 8-1, Item 1). Spare lithium batteries must be individually protected so as to prevent short circuits when not in use. Conditions for the carriage and use of these electronic devices and for the carriage of spare batteries must be provided in the operations manual and/or other appropriate manuals as will enable flight crew, cabin crew and other employees to carry out the functions for which they are responsible.

In Part 1, Chapter 2, page 1-2-1, paragraph 2.2.3, *amend* the reference to read: 2.2.1 b), c) and d).

In Part 1, Chapter 2, page 1-2-1, paragraph 2.2.4, *amend* the reference to read: 2.2.1 e).

In Part 2, Chapter 9, page 2-9-2, Table 2-16, under the “Notes” column for “Genetically modified micro-organisms (GMMOs) and genetically modified organisms (GMOs)”, *add* the following paragraph:

COVID-19 vaccines containing GMOs or GMMOs, including those in clinical trials, are not subject to these Instructions.

In Part 3, Chapter 2, page 3-2-132, “**Lithium ion batteries contained in equipment** (including lithium ion polymer batteries)”, UN 3481, column 7, *add* “A220”.

In Part 3, Chapter 2, page 3-2-132, “**Lithium metal batteries contained in equipment** (including lithium alloy batteries)”, UN 3091, column 7, *add* “A220”.

In Part 3, Chapter 3, page 3-3-28, *add* the following new special provision:

A220 Packages containing COVID-19 vaccines accompanied by data loggers and/or cargo tracking devices containing lithium batteries are not subject to the marking and documentation requirements of Section II of Packing Instruction 967 or 970, as applicable.