


<p align="center">INSTRUCTIONAL MATERIAL ON THE TRANSPORTATION OF LITHIUM BATTERIES, EXTERNAL BATTERIES</p>	 <p align="right">AVIATION ADMINISTRATION OF KAZAKHSTAN</p>
<p align="center">Addendum No. 1 dated 27 March 2026 to the «Technical Instructions for the Safe Transport of Dangerous Goods by Air» Doc. 9284 of the International Civil Aviation Organization</p>	
<p>Date: 13.04.2026</p>	<p>№: DGR ADD1 2026-001</p>
<p>Dangerous goods Division</p>	<p>Revision: 00</p>

1. PURPOSE

This guidance material on the transportation of lithium batteries and external batteries has been issued in order to provide civil aviation industry entities with information on the implementation of relevant regulatory legal acts provided for by the legislation of the Republic of Kazakhstan on the use of the airspace of the Republic of Kazakhstan and aviation activities.

2. GENERAL PROVISIONS

2.1. In accordance with Part 2 of paragraph 10 of the Instructions on the Transportation of Dangerous Goods by Air on Civil Aircraft, approved by Order of the Minister of Investment and Development of the Republic of Kazakhstan No. 371 dated June 21, 2017 (hereinafter referred to as Order No. 371), passengers and crew members are not allowed to carry dangerous goods as checked baggage and hand luggage, except in cases stipulated by the ICAO TI.

2.2. Addendum No. 1 to the «Technical Instructions for the Safe Transport of Dangerous Goods by Air» Doc. 9284 ICAO (hereinafter ICAO TI) introduces new requirements regarding the transport of lithium batteries and external accumulators (power banks). These requirements are applicable from 27.03.2026.


2.3. The purpose of the addendum is to ensure the safe transport of lithium batteries, external accumulators (power banks), and electronic devices in accordance with ICAO standards and recommended practices.

3. REQUIREMENTS OF ADDENDUM 1 TO THE «TECHNICAL INSTRUCTIONS FOR THE SAFE TRANSPORT OF DANGEROUS GOODS BY AIR» DOC. 9284 ICAO

When transporting lithium batteries, external accumulators (power banks), and electronic devices, the following must be observed:

3.1. Aerosols, alcoholic beverages, perfumes, colognes, lighters with liquefied gas, and portable electronic devices containing lithium-metal or lithium-ion cells or batteries, transported on board an aircraft by the operator for use or sale on that aircraft during one or more flights, but excluding non-rechargeable gas lighters and lighters subject to leakage under reduced pressure, are permitted for transport provided the provisions of **Paragraph 2.2.2 of the ICAO TI** are observed instead of the previously used Item 1 of Table 8-1 of the ICAO TI.

3.2. Electronic devices such as electronic flight tablets, personal entertainment devices, and credit card readers containing lithium-metal or lithium-ion cells or batteries, as well as spare lithium batteries for such devices or external accumulators (power banks), transported by the operator on board an aircraft for use during a flight or series of flights,

INSTRUCTIONAL MATERIAL ON THE TRANSPORTATION OF LITHIUM BATTERIES, EXTERNAL BATTERIES	 AVIATION ADMINISTRATION OF KAZAKHSTAN
Addendum No. 1 dated 27 March 2026 to the «Technical Instructions for the Safe Transport of Dangerous Goods by Air» Doc. 9284 of the International Civil Aviation Organization	
Date: 13.04.2026	№: DGR_ADD1_2026-001
Dangerous goods Division	Revision: 00

are permitted for transport provided the provisions of **Paragraph 2.2.2 of the ICAO TI** are observed instead of the previously used Item 1 of Table 8-1 of the ICAO TI.

3.3. Spare lithium batteries and external accumulators (power banks):

- must be carried only in hand luggage;
- must be protected against short circuit;
- charging and use on board the aircraft are not permitted;
- no more than two units per passenger are allowed;
- must comply with the restrictions and limits specified below.

3.4. Restrictions and limits:

- Each battery must be of a type that meets the requirements of passing each test set out in subsection 38.3 of Part III of the UN Manual of Tests and Criteria.
- Each battery must comply with the following parameters:
 - for lithium-metal batteries, the lithium content must not exceed 2 g;
 - for lithium-ion batteries, the watt-hour rating must not exceed 100 Wh.
- Lithium-metal batteries for portable medical electronic devices with lithium content exceeding 2 g but not more than 8 g are permitted for transport subject to the operator's approval.
- Lithium-ion batteries with a watt-hour rating exceeding 100 Wh but not more than 160 Wh are permitted for transport subject to the operator's approval..

3.5. Baggage equipped with lithium batteries with lithium content exceeding 0.3 g or a watt-hour rating above 2.7 Wh must be carried as hand luggage, or the batteries must be removed and carried separately in accordance with the requirements for spare batteries. Restrictions and limits for such batteries are specified in Paragraph 3.4.

4. FINAL PROVISIONS

4.1. In accordance with paragraph 14 of Order No. 371, the employer of personnel performing functions aimed at ensuring the transportation of dangerous goods develops and applies a training program for personnel in the field of dangerous goods in accordance with the ICAO TI.

4.2. At the same time, in accordance with paragraph 38 of Order No. 371, civil aircraft operators and airports ensure that information is provided to passengers in such a way that passengers are warned about the types of dangerous goods that they are not allowed to carry on board the aircraft in accordance with the ICAO TI.

4.3. In accordance with Annex 3 to the Rules for Certification and Certification of the Aviation Training Center for Civil Aviation, approved by Order No. 115 of the Acting Minister of Investment and Development of the Republic of Kazakhstan dated February

<p align="center">INSTRUCTIONAL MATERIAL ON THE TRANSPORTATION OF LITHIUM BATTERIES, EXTERNAL BATTERIES</p>	 <p align="right">AVIATION ADMINISTRATION OF KAZAKHSTAN</p>
<p align="center">Addendum No. 1 dated 27 March 2026 to the «Technical Instructions for the Safe Transport of Dangerous Goods by Air» Doc. 9284 of the International Civil Aviation Organization</p>	
<p>Date: 13.04.2026</p>	<p>№: DGR_ADD1 2026-001</p>
<p>Dangerous goods Division</p>	<p>Revision: 00</p>

6, 2015, the content of lectures and practical classes ensures relevance and novelty, as well as compliance with the curriculum, work programs, recommendations and requirements of ICAO.