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ADDENDUM NO. 3  
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**INTERNATIONAL CIVIL AVIATION ORGANIZATION**

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

**2015-2016 EDITION**

**ADDENDUM NO. 3**

The attached addendum should be incorporated into the 2015-2016 Edition of the Technical Instructions (Doc 9284).

(3 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 2015-2016 Edition of the Technical Instructions (Doc 9284) for immediate applicability:

In Part 3, Chapter 2, Table 3-1, *add* the following new lightface type entries:

| Name<br>1              | UN No.<br>2 | Class or division<br>3 | Subsidiary risk<br>4 | Labels<br>5 | State variations<br>6 | Special provisions<br>7 | UN packing group<br>8 | Excepted quantity<br>9 | Passenger and cargo aircraft |                                     | Cargo aircraft only       |                                     |
|------------------------|-------------|------------------------|----------------------|-------------|-----------------------|-------------------------|-----------------------|------------------------|------------------------------|-------------------------------------|---------------------------|-------------------------------------|
|                        |             |                        |                      |             |                       |                         |                       |                        | Packing instruction<br>10    | Max. net quantity per package<br>11 | Packing instruction<br>12 | Max. net quantity per package<br>13 |
| Catecholborane         |             |                        |                      |             |                       | A210                    |                       |                        |                              |                                     |                           |                                     |
| 1,3,2-Benzodioxaborole |             |                        |                      |             |                       | A210                    |                       |                        |                              |                                     |                           |                                     |

In Part 3, Chapter 3, page 3-3-23, *add* the following new special provision:

A210 This substance is forbidden for transport by air. It may be transported on cargo aircraft only with the prior approval of the appropriate authority of the State of Origin and the State of the Operator under the written conditions established by those authorities.

The following amendments are approved and published by decision of the Council of ICAO and should be incorporated into the 2015-2016 Edition of the Technical Instructions (Doc 9284) with an applicability date of 1 April 2016:

In Part 4, Chapter 11, page 4-11-23, Packing Instruction 965, Section IA, *replace* "1A.1" with "IA.1".

In Part 4, Chapter 11, page 4-11-23, Packing Instruction 965, Section IA.1, General requirements, *amend* the first requirement to read:

- Part 4;1 requirements must be met.

In Part 4, Chapter 11, page 4-11-23, Packing Instruction 965, Section IA.1, General requirements, *insert* the following new requirement and note before Table 965-IA:

- Lithium ion cells and batteries must be offered for transport at a state of charge not exceeding 30 per cent of their rated capacity. Cells and/or batteries at a state of charge greater than 30 per cent of their rated capacity may only be shipped with the approval of the State of Origin and the State of the Operator under the written conditions established by those authorities.

*Note.*— *Guidance and methodology for determining the rated capacity can be found in sub-section 38.3.2.3 of the UN Manual of Tests and Criteria.*

In Part 4, Chapter 11, page 4-11-24, Packing Instruction 965, Section IB.1, General requirements, *amend* the first requirement to read:

- Cells and batteries must be packed in strong outer packagings that conform to Part 4;1.1.1, 1.1.3.1 and 1.1.10 (except 1.1.10.1).

In Part 4, Chapter 11, page 4-11-24, Packing Instruction 965, Section IB.1, General requirements, *insert* the following new requirement and note before Table 965-IB:

- Lithium ion cells and batteries must be offered for transport at a state of charge not exceeding 30 per cent of their rated capacity. Cells and/or batteries at a state of charge greater than 30 per cent of their rated capacity may only be shipped with the approval of the State of Origin and the State of the Operator under the written conditions established by those authorities.

*Note.*— *Guidance and methodology for determining the rated capacity can be found in sub-section 38.3.2.3 of the UN Manual of Tests and Criteria.*

In Part 4, Chapter 11, page 4-11-25, Packing Instruction 965, Section II, first paragraph, *insert* “, 5;1.1 g), 5.1.1 j) (Shipper's responsibilities — General requirements)” after “With the exception of Part 1;2.3 (General — Transport of dangerous goods by post)”.

In Part 4, Chapter 11, page 4-11-26, Packing Instruction 965, Section II, paragraph II.1, General requirements, *amend* the first requirement to read:

- Cells and batteries must be packed in strong outer packagings that conform to Part 4;1.1.1, 1.1.3.1 and 1.1.10 (except 1.1.10.1).

In Part 4, Chapter 11, page 4-11-26, Packing Instruction 965, Section II, paragraph II.1, General requirements, *insert* the following new requirement and note before Table 965-II:

- Lithium ion cells and batteries must be offered for transport at a state of charge not exceeding 30 per cent of their rated capacity.

*Note.— Guidance and methodology for determining the rated capacity can be found in sub-section 38.3.2.3 of the UN Manual of Tests and Criteria.*

In Part 4, Chapter 11, page 4-11-26, Packing Instruction 965, Section II, paragraph II.2, Additional requirements, *insert* the following new requirement before the sixth major bullet point:

- A shipper is not permitted to offer for transport more than one package prepared according to this section in any single consignment.

In Part 4, Chapter 11, page 4-11-26, Packing Instruction 965, Section II, paragraph II.2, Additional requirements, *insert* the following new requirement before the last major bullet point:

- Packages and overpacks of lithium ion batteries prepared in accordance with the provisions of Section II must be offered to the operator separately from cargo which is not subject to these Instructions and must not be loaded into a unit load device before being offered to the operator.

In Part 4, Chapter 11, page 4-11-26, Packing Instruction 965, Section II, paragraph II.4, Overpacks, *insert* “Not more than one package prepared in accordance with this section may be placed into an overpack.” as a new first sentence.

In Part 4, Chapter 11, page 4-11-26, Packing Instruction 965, Section II, paragraph II.4, Overpacks, *amend* “When packages are placed in an overpack, ...” to read “When the package is placed in an overpack, ...”.

In Part 4, Chapter 11, page 4-11-26, Packing Instruction 965, Section II, paragraph II.4, Overpacks, *add* the following note below the paragraph:

*Note.— For the purpose of Section II, an overpack is an enclosure used by a single shipper that contains no more than one package prepared in accordance with this section. For shipments prepared in accordance with Section IA and/or IB, this limit of one package of Section II batteries per overpack still applies.*

In Part 4, Chapter 11, page 4-11-35, Packing Instruction 968, Section II, paragraph II.2, Additional requirements, *insert* the following new requirement before the sixth major bullet point:

- A shipper is not permitted to offer for transport more than one package prepared according to this section in any single consignment.

In Part 4, Chapter 11, page 4-11-35, Packing Instruction 968, Section II, paragraph II.2, Additional requirements, *amend* the penultimate bullet point to read:

- Packages and overpacks of lithium metal batteries prepared in accordance with the provisions of Section II must be offered to the operator separately from cargo which is not subject to these Instructions and must not be loaded into a unit load device before being offered to the operator.

In Part 4, Chapter 11, page 4-11-35, Packing Instruction 968, Section II, paragraph II.4, Overpacks, *insert* “Not more than one package prepared in accordance with this section may be placed into an overpack.” as a new first sentence.

In Part 4, Chapter 11, page 4-11-35, Packing Instruction 968, Section II, paragraph II.4, Overpacks, *amend* “When packages are placed in an overpack, ...” to read “When the package is placed in an overpack, ...”.

In Part 4, Chapter 11, page 4-11-35, Packing Instruction 968, Section II, paragraph II.4, Overpacks, *add* the following note below the paragraph:

*Note.— For the purpose of Section II, an overpack is an enclosure used by a single shipper that contains no more than one package prepared in accordance with this section. For shipments prepared in accordance with Section IA and/or IB, this limit of one package of Section II batteries per overpack still applies.*