

Introduction

Following the extensive addenda and corrigenda published by ICAO and the airline industry, the following changes must be made to AIR Shipper 2011. These amendments reflect the respective corrigenda published as of 10 May 2011.

The AIR Shipper addendum/corrigendum includes the items previously communicated. New items for this third revision are identified by the numeral “3” in the “Rev” (Revision) column. Previously published items are identified by the numerals “1” and “2” respectively in the “Rev” column. Items previously promulgated in the second revision, but subsequently modified in this revision, are identified by the numerals “2/3” in the “Rev” column. The latest additions have been highlighted. For further information, email: aireditor@labelmaster.com.

Chapter 2 - Classification

Section	Amendment	Rev
2.9.2.1	Amend as follows: ... meet the criteria in 2.9.3 of the <i>UN Model Regulations, 15th Edition</i> or...	2

Chapter 3 - Identification

Table 3.1

Page	Amendment	Rev
55	UN 2067, Ammonium nitrate fertilizer column 7(a): replace Forbidden with <u>30 g</u> column 7(b): insert <u>1.0 kg</u>	2
57	Entry following UN 1113, Amyl nitrite tert-Amyl peroxy-3,5,5-trimethylhexanoate ($\leq 42\%$, <u>dilute diluent</u> type B $\leq 58\%$)	2
60	UN 3334, Aviation regulated liquid, n.o.s and UN 3335, Aviation regulated solid, n.o.s. column 5: add <u>III</u> column 6: delete A48	2
64	UN 2782, Bipyridilium pesticide, toxic, liquid, flammable column 4: replace 6.1 (3) with <u>3 (6.1)</u>	3
66	UN 3241, 2-Bromo-2-nitropropane-1,3 diol column 8(b): replace 5 kg with <u>10 kg</u>	2
74	UN 0059, Charges, shaped without detonator column 6: add <u>A2</u>	2
79	ID 8000, Consumer commodity column 8(a): replace Forbidden with <u>Y963</u> column 8(b): replace Forbidden with <u>30 kg G</u>	2
80	UN 0065, Cord, detonating flexible column 6: add <u>A2</u>	2
84	UN 3054, Cyclohexyl mercaptan column 10(a) -- replace 365 with <u>366</u> column 10(b) -- replace 60 L with <u>220 L</u>	2
96	6 th entry following UN 1771, Dodecyltrichlorosilane Drugs, oxidizing, substance, n.o.s. - see Oxidizing <u>Oxidizing liquid or solid n.o.s.</u>	2
100	UN 2363, Ethyl mercaptan column 10(b): replace 2.5 L with <u>30 L</u>	2
103	UN 2926, Flammable solid, toxic, organic, n.o.s. column 9(a) replace 468 with <u>446</u> column 10(a) replace 474 with <u>449</u>	3
104	Entry following UN 1198, Formaldehyde solution, flammable Formaldehyde <u>Formaldehyde solution with $\geq 10\%$ and $< 25\%$ formaldehyde formaldehyde</u> - see Aviation regulated liquid, n.o.s. (UN3334) [XB.3] [<u>XB.17</u>]	2

Page	Amendment	Rev
114	UN 1968, Insecticide gas, n.o.s. (cylinders) column 8(a): replace Y203 with <u>Forbidden</u> column 8(b): replace 30-kgG with <u>Forbidden</u>	2
118	Liquefied gas, toxic etc. entries (UN 3161, 3157, 3162, 3308, 3160, 3309, 3307, 3310) column 11: replace *1/2/3/4 with <u>*11/2/3/4</u>	2
120	2nd entry following UN 2215 Malonic anhydride, molten delete cross-reference entry -- Malonic ethyl ester nitrile -- ethyl cyanoacetate	2
121	UN 3249, Medicine, solid, toxic, n.o.s. , PG III column 8(b): replace 5-kg with <u>10 kg</u>	2
121	UN 1228, Mercaptan mixture, liquid, flammable, toxic, n.o.s. and Mercaptans, liquid flammable, toxic, n.o.s. PG II column 10(a): replace 374 with <u>373</u>	2
124	UN 3208, Metallic substance, water reactive, n.o.s. PG III column 8(a): replace Y476 with <u>Y477</u> column 8(b): replace 5-kg with <u>10 kg</u>	2
125	UN 2398, Methy tert-butyl ether replace Methy with <u>Methyl</u>	2
127	UN 2437, Methylphenyldichlorosilane column 7(a): replace 30-mL with <u>Forbidden</u> column 7(b): replace 0.5-L with <u>Forbidden</u>	2
142	UN 3494, Petroleum sour crude oil, flammable, toxic PG I column 10(a): replace 360 with <u>361</u> column 10(b): replace 2.5-L with <u>30 L</u> PG II column 10(a): replace 363 with <u>364</u> column 10(b): replace 5-L with <u>60 L</u> PG III column 10(a): replace 365 with <u>366</u> column 10(b): replace 60-L with <u>220 L</u>	2
149	UN 2402, Propanethiols column 9(b): replace 4-L with <u>5 L</u> column 10(b) replace 5-L with <u>60 L</u>	2
152	UN 3323, Radioactive material, Type C package non fissile or fissile-excepted column 6: replace A7 with <u>A78</u>	2
152	UN 3330, Radioactive material, Type C package, fissile column 6: replace A7 with <u>A76</u>	2
172	UN 0219, Trinitroresorcino dry or wetted with > 20% water, or mixture of alcohol and water, by mass replace Trinitroresorcino with <u>Trinonitroresorcinol</u>	2

Special Provisions

Section	Amendment	Rev
A168	Change A168 to <u>A167</u> A168 is "not used".	2

Chapter 4

Section	Amendment	Rev
4.2.1.2	Amend last bullet as follows: Class 9 -- UN 1941, Dibromodifluoromethane; UN 1990, Benzaldehyde; UN 2071, Ammonium nitrate fertilizers; UN 3077, Environmentally hazardous substance, solid, n.o.s.; UN 3082, Environmentally hazardous substance, liquid, n.o.s.; UN 3316, Chemical or First aid kit; UN 3334, Aviation regulated liquid, n.o.s.; UN 3335, Aviation regulated solid, n.o.s.; ID 8000, Consumer commodity.	2

Packing Instructions

Note 1: Users should take specific note of the new requirements of subsection 4.4.1.2 in section 4.4, Specific Requirements for Packagings intended for Liquids. In order to highlight these requirements, in those packing instructions referencing “4.3.3.1”, this should be amended to read “4.3.3.1 and 4.4.1.2”.

Note 2: The packing instruction and UN numbers in the margin of individual packing instructions are intended as a guide only. Users should add any missing UN numbers as required.

Pack. Inst.	Amendment	Rev
114	Amend as follows: replace UN 0448 with <u>UN 0448, Powder, smokeless, UN 0509</u>	2
114	Dry solid, inner packaging table: delete column headed Woven add check-mark to “Bags, plastic, woven siftproof”	2
202	Sub-paragraph (h): amend as follows: h) Open cryogenic receptacles <u>manufactured after 1 January 2012</u> must bear the following marks...	2
370	Permitted outer packagings table: delete Plywood drum 4D	2
Y370	Permitted outer packagings table: delete Plywood drum 4D	2
373	General: amend “section 4.3” to “sections 4.3 and 4.4” Closures: amend “4.3.3.1” to “4.3.3.1 and 4.4.1.2” Permitted outer packagings table: delete ⊕ Wood, Reconstituted drums	2
Y374	Additional Requirements delete “Packagings must meet packing group II performance requirements.”	2
377	Amend as follows: General: The requirements of sections 4.3 and 4.4 must be met.” Closures: Closures must meet the requirements of 4.3.3.1 and 4.4.1.2. Delete the “Additional requirements” Single packagings -- delete row “Boxes”	2
454	Additional Requirements replace second bullet and add a third bullet as follows: <ul style="list-style-type: none"> ○ <u>A maximum of 600 m of film is permitted in each plastic and fibreboard outer packagings (1G, 4G, 1H2, 4H1, 4H2, 3H2).</u> ○ <u>Each reel must be placed in a tightly closed metal can or strong cardboard or fibreboard inner packaging with cover held in place by adhesive tape or paper.</u> 	3
Y454	Additional Requirements Add a second bullet as follows: <ul style="list-style-type: none"> ● <u>A maximum of 600 m or 1 kg of film, whichever is more restrictive, is permitted in each fibreboard or plastic outer packagings.</u> 	3

Pack. Inst.	Amendment	Rev																																																																																								
Y454 cntd	Maximum Quantity/Packaging replace as follows: Maximum Quantities (see also additional requirements) Inner packaging Outer packaging Gross 1 kg 10 kg 30 kg	3																																																																																								
459	General: amend "section 4.3" to "sections 4.3 and 4.4" Closures: amend "4.3.3.1" to "4.3.3.1 and 4.4.1.2" Permitted Inner Packagings: add new rows for "Plastic bag" <table border="1" data-bbox="315 583 1406 997"> <thead> <tr> <th colspan="2" rowspan="2">Inner Packaging</th> <th colspan="4">Liquids – UN number</th> <th colspan="4">Solids – UN number</th> </tr> <tr> <th>3223</th> <th>3225</th> <th>3227</th> <th>3229</th> <th>3224</th> <th>3226</th> <th>3228</th> <th>3230</th> </tr> </thead> <tbody> <tr> <td>Pass.</td> <td>Plastic</td> <td>0.5 L</td> <td>0.5 L</td> <td>1.0 L</td> <td>1.0 L</td> <td>0.5 kg</td> <td>0.5 kg</td> <td>1.0 kg</td> <td>1.0 kg</td> </tr> <tr> <td></td> <td>Plastic Bag</td> <td>Fbdn</td> <td>Fbdn</td> <td>Fbdn</td> <td>Fbdn</td> <td>0.5 kg</td> <td>0.5 kg</td> <td>1.0 kg</td> <td>1.0 kg</td> </tr> <tr> <td>Cargo</td> <td>Plastic</td> <td>1.0 L</td> <td>1.0 L</td> <td>2.5 L</td> <td>2.5 L</td> <td>1.0 kg</td> <td>1.0 kg</td> <td>2.5 kg</td> <td>2.5 kg</td> </tr> <tr> <td></td> <td>Plastic Bag</td> <td>Fbdn</td> <td>Fbdn</td> <td>Fbdn</td> <td>Fbdn</td> <td>1.0 kg</td> <td>1.0 kg</td> <td>2.5 kg</td> <td>2.5 kg</td> </tr> <tr> <td colspan="10">Maximum Quantity/Package</td> </tr> <tr> <td></td> <td>Passenger</td> <td>5.0 L</td> <td>5.0 L</td> <td>10 L</td> <td>10 L</td> <td>5 kg</td> <td>5 kg</td> <td>10 kg</td> <td>10 kg</td> </tr> <tr> <td></td> <td>Cargo</td> <td>10 L</td> <td>10 L</td> <td>25 L</td> <td>25 L</td> <td>10 kg</td> <td>10 kg</td> <td>25 kg</td> <td>25 kg</td> </tr> </tbody> </table>	Inner Packaging		Liquids – UN number				Solids – UN number				3223	3225	3227	3229	3224	3226	3228	3230	Pass.	Plastic	0.5 L	0.5 L	1.0 L	1.0 L	0.5 kg	0.5 kg	1.0 kg	1.0 kg		Plastic Bag	Fbdn	Fbdn	Fbdn	Fbdn	0.5 kg	0.5 kg	1.0 kg	1.0 kg	Cargo	Plastic	1.0 L	1.0 L	2.5 L	2.5 L	1.0 kg	1.0 kg	2.5 kg	2.5 kg		Plastic Bag	Fbdn	Fbdn	Fbdn	Fbdn	1.0 kg	1.0 kg	2.5 kg	2.5 kg	Maximum Quantity/Package											Passenger	5.0 L	5.0 L	10 L	10 L	5 kg	5 kg	10 kg	10 kg		Cargo	10 L	10 L	25 L	25 L	10 kg	10 kg	25 kg	25 kg	2/3
Inner Packaging				Liquids – UN number				Solids – UN number																																																																																		
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462-463	General: amend "section 4.3" to "sections 4.3 and 4.4" Closures: amend "4.3.3.1" to "4.3.3.1 and 4.4.1.2"	2																																																																																								
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485	Permitted Inner Packagings PI 485 (III) - plastic bag replace 25 kg with " <u>Forbidden</u> "	3																																																																																								
487-491	Permitted Single Packagings Add the following packaging types: Drums 1A1 <u>1A2</u> 1B1 <u>1B2</u> 1N1 <u>1N2</u> 1H1 <u>1H2</u> Jerricans 3A1 <u>3A2</u> 3B1 <u>3B2</u> 3H1 <u>3H2</u>	3																																																																																								
492	Maximum Quantity/Package -- amend as follows: Cells Passenger replace 25 kg with <u>25 kg Gross</u> Cargo replace 25 kg with <u>No Limit</u>	2																																																																																								
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550-551	General: amend "section 4.3" to "sections 4.3 and 4.4" Closures: amend "4.3.1.4" to "4.3.3.1 and 4.4.1.2"	2																																																																																								
553-555	General: amend "section 4.3" to "sections 4.3 and 4.4" Closures: amend "4.3.1.4" to "4.3.3.1 and 4.4.1.2"	2																																																																																								
550-570	Compatibility requirements: amend "4.3.3.1" to "4.3.2.4 to 4.3.2.8"	3																																																																																								

Pack. Inst.	Amendment	Rev
565	<p>Additional Requirements replace third bullet with:</p> <p>When a generator is equipped with an actuating device, it must have at least 2 positive means of preventing unintentional activation. These must be:</p> <p>a. in the case of mechanically actuated devices:</p> <ol style="list-style-type: none"> 1. two pins, installed so that each is independently capable of preventing the actuator from striking the primer; 2. one pin and one retaining ring, each installed so that each is independently capable of preventing the actuator from striking the primer; or 3. a cover securely installed over the primer and a pin installed so as to prevent the actuator from striking the primer and cover. <p>b. in the case of electrically actuated devices, the electrical leads must be mechanically shorted and the mechanical short must be shielded in metal foil.</p> <p>c. in the case of protective breathing equipment (PBE):</p> <ol style="list-style-type: none"> 1. a pin so as to prevent the actuator from striking the primer; and 2. placed in protective packaging such as a vacuum-sealed bag. 	2
570	<p>General: amend “section 4.3” to “sections 4.3 and 4.4” Closures: amend “4.3.1.4” to “4.3.3.1 and “4.4.1.2”</p>	2
Y640-Y642	<p>General: amend “sections 4.2 and 4.3” to “sections 4.2, 4.3 and 4.4” Closures: amend “4.3.3.1” to “4.3.3.1 and “4.4.1.2”</p>	2
872	Compatibility requirements: amend “4.3.3.1” to “4.3.2.4 to 4.3.2.8”	3
956	Permitted Inner Packagings, column 1, “Plastic” first entry. Replace with “Fibreboard”.	3
Y956	Permitted Inner Packagings: replace heading UN 1841 with UN 3077	3
Y958	Permitted Inner Packagings: replace heading UN 1841 with UN 2071	3
959	Page 378, 1st paragraph: Amend as: “and must be clearly visible and legible. <u>The class 9, miscellaneous dangerous goods label is not required</u> ”.	2
961	Permitted outer packagings: add Jerricans 3N2, delete Boxes 3N2.	3
Y963	Amend (m) as follows: ...with the mark shown in Figure 4.1 <u>Figure 4.2</u> .	2
964	<p>General: amend “section 4.3” to “sections 4.3 and 4.4” Closures: amend “4.3.3.1” to “4.3.3.1 and “4.4.1.2” Maximum Quantity/Package : amend UN 3334 Combination: Passenger <u>100 L</u>; Cargo <u>220 L</u>; Single: Passenger <u>100 L</u>; Cargo <u>220 L</u> Permitted Single Packagings: delete “1G”; “1D” delete row “Boxes”</p>	2/3

Pack. Inst.	Amendment	Rev																																								
Y964	Add to Margin note “UN 3334 Add the following bullet point to “ Testing ”: ■ The pressure differential test for inner packagings containing liquids (4.4.1). Amend Permitted Inner Packagings table as follows: Permitted Inner Packagings <table border="1" data-bbox="360 480 1157 814"> <thead> <tr> <th>Inner Packaging</th> <th>UN 1941</th> <th>UN 1990</th> <th>UN 3082</th> <th>UN 3334</th> </tr> </thead> <tbody> <tr> <td>Glass</td> <td>5 L</td> <td>5 L</td> <td>5 L</td> <td>5 L</td> </tr> <tr> <td>Plastic</td> <td>5 L</td> <td>5 L</td> <td>5 L</td> <td>5 L</td> </tr> <tr> <td>Metal</td> <td>5 L</td> <td>5 L</td> <td>5 L</td> <td>5 L</td> </tr> <tr> <td colspan="5">Maximum Quantity/Package</td> </tr> <tr> <td>Combination</td> <td>30 kg</td> <td>30 kg</td> <td>30 kg</td> <td>30 kg</td> </tr> <tr> <td>Single</td> <td>Forbidden</td> <td>Forbidden</td> <td>Forbidden</td> <td>Forbidden</td> </tr> <tr> <td>Gross</td> <td>30 kg</td> <td>30 kg</td> <td>30 kg</td> <td>30 kg</td> </tr> </tbody> </table>	Inner Packaging	UN 1941	UN 1990	UN 3082	UN 3334	Glass	5 L	5 L	5 L	5 L	Plastic	5 L	5 L	5 L	5 L	Metal	5 L	5 L	5 L	5 L	Maximum Quantity/Package					Combination	30 kg	30 kg	30 kg	30 kg	Single	Forbidden	Forbidden	Forbidden	Forbidden	Gross	30 kg	30 kg	30 kg	30 kg	2/3
Inner Packaging	UN 1941	UN 1990	UN 3082	UN 3334																																						
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968 to 970	Amend the title of 2 tables Maximum Quantity of Lithium ion ion Metal Cells and Batteries Amend Section I Maximum quantity of lithium ion cells and batteries, per package, Cargo: Amend as follows: 2.5 kg gross with <u>35 kg gross</u> Documentation: first bullet, amend to read: ...Lithium ion ion metal cells or batteries...	3																																								

Chapter 5 - Consignment Procedures

Section	Amendment	Rev
5.3.2.9	Add new sub-section as follows: 5.3.2.9 The class 9, miscellaneous dangerous goods label is not required for UN 3245, Genetically modified organisms and micro-organisms. Refer to packing instruction 959 for marking requirements.	2
5.3.5.1(a)	Add the following: In the case where transport on cargo aircraft only is required by state variation, and the package is otherwise permitted on passenger aircraft, the cargo aircraft only label must be removed prior to loading on passenger aircraft not subject to the State of the variation.	2
5.4.2.6(c)	Add margin note: Note: This is achieved by marking the appropriate box on the DGD form. See A.2.3.1.1.	2
5.4.2.6	Add new sub-paragraph (k): k) In the case where transport on cargo aircraft only is required by state variation, IATA member airlines recommend that the following statement be included as additional handling information: “This shipment may be carried on passenger aircraft outside the jurisdiction of “STATE”, where “STATE” is the name of the state whose variation requires cargo aircraft transport”.	2

Chapter 6 - Packaging

Section	Amendment	Rev
Table 6.2	Replace IP:8 with <u>6.4.8</u>	2
6.6.2.1.5	The subsection following 6.6.2.1.5: replace sub-section number 6.6.2.1.3 with <u>6.6.2.1.6</u>	2

Chapter 7 - Transport Operations

Section	Amendment	Rev
7.5.1.1	Replace with: Airlines must ensure that information on the types of dangerous goods a passenger is forbidden from transporting on aircraft is provided at the point of ticket purchase. In the case where tickets are purchased over the internet, the purchase must not be completed until the passenger or a person acting on their behalf has indicated that they have understood the restrictions on dangerous goods in baggage. Information provided via the internet may be in text or pictorial form.	2
7.5.1.3	Replace with: Airlines operating passenger aircraft should ensure that information on those dangerous goods which passengers are permitted to carry according to section 7.6 is made available prior to check-in. (e.g. on websites and other sources of information.)	2
7.5.1.4	Renumber 7.5.1.4 to 7.5.1.5.	2
7.5.1.4	Insert new 7.5.1.4: When provision is made for passengers to check-in without the involvement of another person (over the internet, automated check-in facilities etc), airlines and airport operators should ensure that information on the types of dangerous goods a passenger is forbidden from transporting on aircraft is provided to the passenger. Check-in must not be completed until the passenger or person acting on their behalf, has indicated they have understood the restrictions of dangerous goods in baggage. Information should be in a pictorial format or alternatively, in the case of the internet, in text format. This requirement will become mandatory from 1 January 2013.	2
7.6.0.2	Amend as follows: except for the incident reporting provisions of 7.4.4 <u>7.4.5</u> and <u>7.4.6</u> , the provisions of...	3
7.6.2.2.(c)	Replace 065 with <u>965</u>	3
Table 7.4	Table 7.4 - Summary of Passenger Restrictions was moved to the end material to facilitate ready reference but due to a printing error was not included. The revised table is shown on on the last page of this corrigendum.	2

Chapter RAM - Radioactive Material

Section	Amendment	Rev
1.6.1.5	Insert new paragraph (b) as follows; renumber subsequent paragraphs. b) a person who has been subject to accidental or deliberate intake of or contamination from radioactive material and is to be transported for medical treatment, taking into account the necessary radiological protection measures with respect to other passengers and crew, subject to approval by the operator. (Note: Guidance material may be obtained at www.icao.int/anb/fla/dangerousgoods);	3
2.7.7.1.5	Delete, renumber subsequent sub-sections accordingly.	2
7.3.4.4.1	Amend as follows: ...which shows a radiation level in excess of 5 Sv/h <u>5 µSv/h</u> at the surface,...	3

**Appendix A.1 Variations
State Variations**

Variation	Amendment	Rev
ROM	Add new State - ROM - Romania with the following variations.	3
ROM.1	<p>In order to perform flights with civil aircraft registered in another State for the carriage of dangerous goods, an authorization is required. This authorization may be given either by the Ministry of Transport and Infrastructure, or by the Romanian Civil Aeronautical Authority (RCAA), as the case may be, upon receipt of the advice of the Romanian Ministry of Defence. The application to obtain the flight authorization and advice provided for must be submitted to the RCAA at least ten (10) working days before the date of flight and it must contain all relevant information and documents mentioned in the form shown in the Romanian AIP page GEN 1.2-12.</p> <p>Upon request, a copy of the certificate issued by the appropriate authority of the State of Registry of the air operator proving that it is entitled to carry dangerous goods must also be attached to the application.</p>	3
ROM.2	<p>Provided the period of submission of an application in accordance with ROM.1 above is met, the passenger and/or cargo scheduled air operators may be granted, upon request, a flight authorization (including Ministry of Defence advice) for the carriage of dangerous goods included in Class 2, 3 (except liquid desensitized explosives, UN Nos.1204, 2059, 3064, 3343, 3357 and 3379), 4, 5, 6 (except infectious substances, Division 6.2, compatibility group A, UN No. 2814, 2900), 8 or 9. The flight authorization/advice must be valid for limited periods of time and/or the schedule of operation, provided the following requirements are met:</p> <p>a) submission by the air operator, before starting the respective schedule of operation, of the following documents edited either in the English language or in the Romanian language:</p> <ul style="list-style-type: none"> • copy of the AOC and its operating specifications; • copy of the certificate issued by the competent authority of the State of Registry of the air operator proving that it is entitled to carry dangerous goods; • copy of Chapter 9 — “Dangerous goods” of the Operations Manual, Part A; • copy of the training programme for dangerous goods in the Operations Manual, Part D, or any other similar document referring to training, as approved by the aeronautical authority of the State of Registry of the air operator. <p>b) submission to RCAA of a notification twelve (12) hours before departure of aircraft of the details about the dangerous goods to be carried: class or division, UN number, proper shipping name, applicable packing instructions, type of package, weight of package, number of packages.</p>	3
ROM.3	<p>Civil aircraft involved in the carriage of dangerous goods that are forbidden for air transport under normal circumstances, in accordance with the ICAO documents, are not allowed to perform flights within the Romanian air space.</p> <p>Waivers from the provisions may be granted by the Romanian Civil Aeronautical Authority only if the respective transport is justified by a major public interest. Such a waiver must be granted with the approval of the Ministry of Transport and Infrastructure.</p>	3
ROM.4	<p>In case the consignment contains radioactive materials, the air operator must provide to the Romanian Civil Aeronautical Authority a copy of the authorization issued by the National Commission for Nuclear Activities Control (CNCAN).</p> <p>The contact information of the National Commission for Nuclear Activities Control is as follows :</p> <p>B-dul. Libertatii, Nr. 14, Sector 5 Bucuresti, Romania Tel. : + 40 21 316 05 72 Fax : + 40 21 317 38 87</p>	3
SAU.3	<p>Amend as follows:</p> <p>... must be written in full on the air waybill as well as on the package of accompanying dangerous goods being shipped...</p>	1

Variation	Amendment	Rev
SAU.5	Add new variation: The final destination for radioactive material must be Jeddah, Riyadh or Damman only, except those intended for medical purposes which may be shipped anywhere in Saudi Arabia as long as this intent is indicated on the transport document.	1
SAU.6	Add new variation: The name, address and telephone number of the consignee must be written in full on each package of dangerous goods consigned to a destination in Saudi Arabia.	1

Airline Variations

Var	Action	Rev
5X.1	Add 2 new bullets to the second list: <ul style="list-style-type: none"> • <u>Intermediate bulk containers</u> • <u>Magnetized material with a field strength exceeding 0.00525 at a distance of 4.6 m from any surface of the package.</u> 	3
5X.2	Add new paragraphs (d) and (e) as follows: <u>d) consignments of refurbished batteries, batteries contained in or packed with equipment must be specifically approved by the UPS Air Dangerous Goods Department (SDF).</u> <u>e) Genetically modified organisms and micro-organisms, UN 3245 with an origin or destination outside the United States are subject to prior approval and the requirements of the UPS international special commodity programme.</u>	3
5X.7	Add a new variation as follows: <u>Consignments of Magnetized material, UN 2807 will only be carried to, from and within the countries identified at:</u> <u>http://www.ups.com/content/us/en/resources/ship/idg/information/acl.html.</u> <u>The consignment must comply with requirements of packing instruction 953 and be identified as follows:</u> <ul style="list-style-type: none"> • <u>a package reference field of the UPS shipping label contains “Magnetized material”; or</u> • <u>a written document, affixed to the outside of the package identifies the contents as “Magnetized material”.</u> 	3
9S.1	Delete variation and replace with not used.	1
AA.1	Add new 3 rd bullet point: <ul style="list-style-type: none"> • <u>Infectious substances (Division 6.2)</u> 	1
AB.1	Add new Airline with the following variation: <u>AB (Air Berlin) Germany</u> <u>AB.1 The following dangerous goods will not be accepted:</u> <ul style="list-style-type: none"> • <u>Class 7 (including fissile material and excepted packages);</u> • <u>Packages prepared for “Cargo aircraft only”.</u> 	1
AC.1	Change identification of first variation: Replace <u>AF.1</u> with <u>AC.1</u>	1
CI.1	Add fourth bullet as follows: <ul style="list-style-type: none"> • <u>Those consigned under State exemption or approval (Special provisions A1, A2, A106 etc).</u> 	3

Var	Action	Rev
FX.3	Amend subparagraph (c) as follows: <p>c) FedEx Express will only accept Oxygen, compressed (UN 1072) when packed in an ATA Specification 300 Category I outer packaging. Packaging must be marked in accordance with the marking criteria of Air Transportation Association (ATA) specification No. 300. <u>The outer package must have the specification mark DOT31FP. This mark is also required for all packages containing UN numbers specified in USA.18.</u></p>	1
FX.4	Add subparagraph (b) as follows: <p><u>Dry Shippers/Dry Dewars meeting the definition in packing instruction 202 must have an indication on the outer package both that the shipment is “not restricted” or “non-hazardous” and “dry dewar” or “dry shipper”.</u></p>	1
FX.5	Amend subparagraph (c) by adding the sentence: <p>c) FedEx branded packagings including “brown boxes” must not be used to ship dangerous goods or dry ice except in the case of UN 3373, Biological substance, Category B in the “FedEx UN 3373 Pak” <u>and in addition, consignments of section II compliant lithium batteries on FedEx Express and in FedEx Express white or brown boxes and tubes.</u></p>	2/3
FX.6	Amend 2 nd paragraph as follows: <p>Handwritten forms will not be accepted. Hand-written alterations/amendments are permitted if they are legible and signed with the same signature used to sign the shipper’s declaration. <u>From 10 Jan 2011, shipments originating in the USA, excluding 023 air waybill shipments, must be prepared using FedEx Express automated shipping solutions with dangerous goods error checking, a FedEx approved vendor software application or shipper proprietary software which has been pre-approved by FedEx.</u></p> <p>Note: In this revision to the specific documentation requirements, Federal Express is notifying its customers that as of 10-Jan-2011, shipment documentation must be prepared using FX approved computer software such as the Labelmaster Masterform program. Users are urged to contact FX for further information. The IATA designation for this requirement is FX-18.</p>	1
GA.1	Change 1 st bullet: <ul style="list-style-type: none"> Limited quantities, <u>except Consumer commodities, ID 8000.</u> 	1
HP	Delete: HP (America West Airlines) and HP.1 and HP.7	1
IT	Insert new airline IT (Kingfisher Airlines) - India	1
IT.1	Insert new variation: <u>The following dangerous goods consignments will not be accepted:</u> <ul style="list-style-type: none"> <u>Explosives, except UN 0012 and UN 0014;</u> <u>Toxic gases, division 2.3;</u> <u>Flammable solids, division 4.1;</u> <u>Radioactive material, class 7;</u> <u>Mercury and mercury contained in manufactured articles;</u> <u>Camping stoves which have contained fuel, even if purged;</u> <u>Wheelchairs with spillable batteries as checked baggage;</u> <u>Oxygen or air cylinders for medical use (refer to Kingfisher at least 72 hours before flight to arrange supplementary oxygen.)</u> <u>Airmail;</u> <u>Wastes;</u> <u>Salvage packagings.</u> 	1
IT.6	Insert new variation: A 24-hour emergency response telephone number must be shown on the dangerous goods transport document. (see XX.3)	1

Var	Action	Rev
JL.9	Change as follows: Type B(U) packages will not be accepted for carriage on passenger aircraft unless intended for use in or incidental to medical diagnosis, treatment or research.	1
KA	Change as follows: KA (Dragonair) -- see CX (Cathay Pacific Airlines) Delete variations	1
KE	KE (Korean Airlines) delete KA:9	1
KL.1	Change 1 st bullet as follows: • Radioactive material except UN 2908, UN 2909, UN 2910, UN 2911.	1
KQ.1	Change 2 nd bullet: • Limited quantities, except Consumer commodities, ID 8000.	1
KZ.2	Change as follows: Advance arrangements must be made. In the case of magnetized material, the number of packages must be provided in advance including the number of packages in any overpack.	1
KZ.3	Change as follows: Metal drums and jerricans (...) must be overpacked to protect the top and bottom of the packaging. Packagings containing liquids must have sufficient ullage as required by 4.4.3.	3
KZ.6	Replace with: A 24-hour emergency response telephone number must be shown on the dangerous goods transport document. (see XX.3)	1
LA.2	Change telephone number to: +56 (2) 677 4571	1
LH.1	Change 1 st bullet: • Limited quantities, except Consumer commodities, ID 8000.	1
LH.3	Insert new LH.3 LH.3 - Intermediate bulk containers will only be accepted with the prior approval of Lufthansa Cargo.	1
LX.1	Change 1 st bullet: • Limited quantities, except Consumer commodities, ID 8000.	1
MH.1	Add new 2 nd bullet: • Limited quantities, except Consumer commodities, ID 8000.	1
MS.6	Delete sub-paragraph (b)	1
NH.1	Change 1 st bullet: • Radioactive material in Type B(U), Type B(M), Type C...	1
NH.7	Delete NH.7: Radioactive material...	1
NW	Delete: NW (Northwest Airlines) and NW.1	1
OU.1	Amend 2 nd bullet: • Limited quantities, except ID 8000, Consumer commodities	1
OU.8	Replace with: Biological substances, Category B, UN 3373, will only be accepted from customers approved by Croatia Airlines.	1
PX.1	Change 1 st bullet: • Limited quantities, except Class 9.	1
QT.1	Delete bullets 1 and 2: • Excepted quantities • Radioactive material	1
QT.6	Insert new QT.6 QT.6 - A Material Safety Data Sheet which includes dangerous goods transport details must be presented in English, Spanish or Portuguese. (Not applicable for Carbon dioxide, solid UN 1845 and Vehicles or Engines, UN 3166)	1

Var	Action	Rev
QY.2	Delete 2 nd and 3 rd bullets: <ul style="list-style-type: none"> • Radioactive material; • Explosives. 	1
RO.1	Insert new variation RO.1 RO (Tarom Airlines) Romania RO.1 - Radioactive material will not be accepted.	3
SV.1	Delete 2 nd bullet: <ul style="list-style-type: none"> • Limited quantities 	1
SV.6	Insert new variation: A 24-hour emergency telephone number must be include on the transport document e.g. in the additional handling information box of the shipper's declaration. The following format should be used "Emergency contact +1 (555) ### ####".	1
SV.9	Add new paragraph: Battery-powered wheelchairs and mobility aids with spillable batteries will not be accepted as checked baggage.	1
TN.1	Change 1 st bullet: <ul style="list-style-type: none"> • Limited quantities, except Consumer commodities, ID 8000. 	1
TN.6	Insert new TN.6 TN. 6 - The air waybill for UN 3373, Category B infectious substances must contain the following information: <ul style="list-style-type: none"> • Biological substance, Category B, UN 3373, 6.2; • The number of packages and net quantity of infectious substance in each. 	1
TN.7	Delete TN.7	1
UU.1	Delete 1 st bullet: <ul style="list-style-type: none"> • Limited quantities 	1
US.1	Add 5th and 6th bullets: <ul style="list-style-type: none"> • Biological substance, Category B, UN 3373 • Class 9 dangerous goods other than the following which will NOT be accepted: <ul style="list-style-type: none"> UN 2807 — Magnetized material UN 2211 — Polymeric beads, expandable UN 3082 — Environmentally hazardous substance, liquid, n.o.s. UN 3077 — Environmentally hazardous substance, solid, n.o.s. UN 3480 — Lithium ion batteries UN 3481 — Lithium ion batteries contained in equipment UN 3481 — Lithium ion batteries packed with equipment UN 3090 — Lithium metal batteries UN 3091 — Lithium metal batteries contained in equipment UN 3091 — Lithium metal batteries packed with equipment <p>Add the following paragraph: Dangerous goods will not be accepted on US Airways Express.</p>	3

IATA Airline Variations

Variation	Amendment	Rev
XB.17	Replace "15%" with "25%" Delete Aviation regulated material, liquid replace with Aviation regulated liquid, n.o.s.	2

Appendix 2

Page	Reference	Amendment	Rev
586	Example D.4	Delete "III" from packing group column for UN 1845, Carbon dioxide, solid (twice)	2
589	Example R.4	Delete "III" from packing group column for UN 1845, Carbon dioxide, solid	2

----- END -----

Table 7.4: Summary of Passenger Restrictions [section 7.6]

	Carry-On	Baggage	Passenger	Approval	Pilot	Reference
Aerosols	✗	✓	✗	✗	✗	7.6.5.1
<p>Non-toxic, non-flammable, for sporting or home use. Must have cap in securely in place to prevent release of the contents during transport.</p>						
Alcoholic Beverages	✓	✓	✓	✗	✗	7.6.5.2
<p>In retail packaging not more than 70% alcohol (ethanol), in receptacles not exceeding 5 L. Maximum quantity per passenger is 5 L. Less than 24% alcohol is not restricted.</p>						
Ammunition	✗	✓	✗	✓	✗	7.6.2.1
<p>UN0012 and UN0014 only, 5 kg gross per passenger for their use. Passengers in aircraft are not allowed to carry it. Ammunition with explosive/incendiary properties are excluded.</p>						
Avalanche Rescue Backpack	✓	✓	✓	✓	✗	7.6.4.4
<p>One per passenger with a pyrotechnic trigger mechanism containing 200 mg net of 1.4S and less than 250 mL of division 2.2 gas, packed so that it cannot be accidentally activated. Air bags must have a pressure relief device.</p>						
Camping stoves	✗	✓	✓	✓	✗	7.6.2.3
<p>Camp stoves and fuel containers that have contained flammable liquid fuel may be carried after the fuel container has been completely drained of fuel and action taken to nullify any hazard.</p>						
Carbon dioxide, solid	✓	✓	✓	✗	✗	7.6.5.4
<p>Not more than 2.5 kg per passenger when used to pack perishables. The package must permit the release of carbon dioxide gas. Dry ice in checked baggage requires airline approval and must be marked "Dry ice" or "Carbon dioxide, solid" and the net weight of dry ice or a statement that there is 2.5 kg or less.</p>						
Chemical Agent Monitoring Devices	✓	✓	✓	✓	✗	7.6.4.5
<p>When carried by staff members of the Organization for the Prevention of Chemical Weapons (OPCW) on official travel.</p>						
Cigarette lighters	✗	✗	✓	✗	✗	7.6.5.9
<p>Cigarette lighter that does not contain unabsorbed liquid fuel other than liquefied gas, intended for use by an individual. Lighter fuel and refills are not permitted. Note: Security restrictions may further prohibit these articles.</p>						
Electronic devices	✓	✓	✓	✗	✗	7.6.5.5 7.6.5.7
<p>Watches, computers, cameras, cellular phones, camcorders, etc. containing lithium or lithium batteries when carried by passengers and crew for personal use.</p>						
Disabling devices	✗	✗	✗	✗	✗	7.6.1.3
<p>Personal protection devices such as "mace", pepper spray, lasers are prohibited.</p>						
Dry Ice	✓	✓	✓	✓	✓	7.6.5.7
<p>See Carbon dioxide, solid.</p>						
Fuel cell systems	✓	✓	✓	✗	✗	7.6.5.7
<p>Fuel cell systems and spare fuel cartridges powering portable devices including laptops, cameras, etc.</p>						
Fuel containers	✓	✓	✓	✓	✓	7.6.5.6
<p>See Camping Stoves</p>						
Gas cylinders	✓	✓	✓	✓	✓	7.6.5.6
<p>Division 2.2 gases in cylinders worn for the operation of mechanical limbs. Spare cylinders of a similar size if required to ensure an adequate supply for the duration of the journey.</p>						

	Carry-On	Baggage	Passenger	Approval	Pilot	Reference
Hair curlers	✓	✓	✓	✓	✗	7.6.5.8
<p>containing hydrocarbon gas; 1 per passenger or crew member. The safety cover must be securely fitted over the heating element; must not be used on board the aircraft. Gas refills are not permitted.</p>						
Heat producing articles	✓	✓	✓	✓	✓	7.6.4.6
<p>includes underwater flash-lights (torches) and soldering irons.</p>						
Implants	✗	✗	✓	✗	✗	7.6.5.3
<p>Devices such as radioisotopic cardiac pacemakers, or powered by lithium batteries, or other radiopharmaceuticals in the body consequent to medical treatment.</p>						
Life Jackets	✓	✓	✓	✓	✓	7.6.4.2
<p>One (1) per person, incorporating cylinders of division 2.2 gases, up to two cartridges per passenger and up to 2 spare cartridges.</p>						
Light Bulbs (Energy saving)	✓	✓	✓	✗	✗	7.6.5.12
<p>When in retail packaging and intended for person or home use.</p>						
Medical Electronic Devices	✓	✗	✓	✓	✓	7.6.3.3
<p>Defibrillators, Nebulizer, CPAP, containing lithium metal or ion batteries for medical use; 2 spare batteries only.</p>						
Mercury instruments	✓	✗	✓	✓	✓	7.6.3.1
<p>Mercury barometer or thermometer carried by an official government agency (eg weather).</p>						
Oxygen/Air cylinders	✓	✓	✓	✓	✗	7.6.4.1
<p>in "small" cylinders when required for medical use. Note: many airlines have restrictions on passenger oxygen usage. Contact the airline for clarification.</p>						
Safety matches	✗	✗	✓	✗	✗	7.6.5.9
<p>One small packet only is allowed. Strike anywhere matches are forbidden. Note: security provisions are also applicable.</p>						
Security type equipment	✗	✓	✓	✓	✓	7.6.4.7
<p>including cash boxes, cash bags etc. incorporating dangerous goods such as lithium batteries and/or pyrotechnic material.</p>						
Temperature controlled packages	✓	✓	✓	✓	✗	7.6.4.3
<p>Insulated packagings which use liquid nitrogen which is fully absorbed in a porous material (dry shipper). When used to transport non-dangerous goods. Receptacles must be charged according to instructions with no excess liquid. Design must permit the release of gas irrespective of package orientation.</p>						
Thermometer	✓	✓	✓	✓	✗	7.6.5.11
<p>Medical/clinical mercury thermometer. One (1) per passenger for personal use in its protective case.</p>						
Toiletry articles	✓	✓	✓	✓	✗	7.6.5.10
<p>Non-radioactive, medicinal or toiletry articles including aerosols such as hair-sprays, perfumes, colognes and medicines containing alcohol. The net quantity of each article must not exceed 0.5 kg or 0.5 L. The total net quantity per passenger must not exceed 2 kg or 2 L. Aerosols must be protected from inadvertent release, e.g. with caps securely installed.</p>						
Wheelchairs/Mobility aids	✗	✓	✓	✓	✓	7.6.2.2
<p>Batteries must be disconnected with the terminals insulated to prevent short-circuits and securely attached to the wheelchair. Gel-type batteries do not need to be disconnected. In the case of spillable batteries (See PI 872 and A67 for the conditions of spillable) the wheelchair must be kept upright at all times. If the wheelchair is damaged, it must be removed and transported in accordance with 7.6.2.2(b).</p>						

Key

Carry-on: Baggage which the passenger takes personally on board the aircraft and which is loaded in the passenger cabin.
Baggage: Baggage which the passenger has given to the airline at check-in to be carried in the baggage hold of the aircraft.
Passenger: Articles which the passenger carries on their person.
Approval: Items which for which the prior approval of the airline is required before the passenger will be permitted to carry them on board.
Note: airlines may have individual additional requirements in these cases.

Pilot: ✗ Not permitted, ✓ Permitted / Required

