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2007-2008 Edition
ADDENDUM/
CORRIGENDUM
1/8/07

INTERNATIONAL CIVIL AVIATION ORGANIZATION

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

2007-2008 EDITION

ADDENDUM/CORRIGENDUM

The attached addendum/corrigendum should be incorporated into the 2007-2008 Edition of the Technical Instructions (Doc 9284).

(15 pages)

TECHNICAL INSTRUCTIONS FOR THE SAFE TRANSPORT OF DANGEROUS GOODS BY AIR

1. The following amendments, approved and published by decision of the Council of ICAO, should be incorporated in the 2007-2008 Edition of the Technical Instructions (Doc 9284):

In Part 1, Chapter 2, page 1-2-1, paragraph 2.1, first sentence, *insert* “article or” after “Any”, *replace* “Note” with “Note 1” and *insert* the following new Note 2:

Note 2.— Paragraph 2.1 is intended to include articles being returned to the manufacturer for safety reasons.

In Part 3, Chapter 2, Table 3-1, page 3-2-125, **Lithium batteries** †, UN 3090, *add* A154 in column 7.

In Part 3, Chapter 2, Table 3-1, page 3-2-125, **Lithium batteries contained in equipment** †, UN 3091, *add* A154 in column 7.

In Part 3, Chapter 2, Table 3-1, page 3-2-125, **Lithium batteries packed with equipment** †, UN 3091, *add* A154 in column 7.

In Part 3, Chapter 3, Table 3-2, page 3-3-11, *add* the following new special provision:

A154 Lithium batteries, identified by the manufacturer as being defective for safety reasons, or that have been damaged, that have the potential of producing a dangerous evolution of heat, fire or short circuit are forbidden for transport (e.g. those being returned to the manufacturer for safety reasons).

In Part 8, Chapter 1, page 8-1-3, paragraph 1.1.2, *add* new subparagraph s):

s) with the approval of the operator(s), as carry-on or checked baggage, instruments containing radioactive material not exceeding the activity limits specified in Table 2-12 (i.e. chemical agent monitor (CAM) and/or rapid alarm and identification device monitor (RAID-M)), securely packed and without lithium batteries, when carried by staff members of the Organization for the Prohibition of Chemical Weapons (OPCW) on official travel.

2. The following editorial amendments and new and amended State and Operator variations should be incorporated in the 2007-2008 Edition of the Technical Instructions (Doc 9284):

In Part 1, Chapter 3, page 1-3-3, *amend* the definition for “GHS” as follows:

GHS. The first revised edition of the *Globally Harmonized System of Classification and Labelling of Chemicals*, published by the United Nations as document ST/SG/AC.10/30/Rev. 1.

In Part 1, Chapter 3, page 1-3-3, in the definition of “Liquids”, *amend* the reference to the United Nations publication to read “ECE/TRANS/175”.

In Part 2, Chapter 7, page 2-7-5, paragraph 7.4.6 a) i), ii) and b), *amend* “ISO 2919:1990” to read “ISO 2919:1999”.

In Part 3, Chapter 2, Table 3-1, page 3-2-105, **Hafnium powder, dry**, UN 2545, *add* “Spontaneous combustion” in column 5.

In Part 3, Chapter 2, Table 3-1, page 3-2-132, **Metal catalyst, dry**, UN 2881, *add* “Spontaneous combustion” in column 5.

In Part 3, Chapter 2, Table 3-1, page 3-2-196, UN 2949, “**Sodium hydrosulphide** with not less than 25% water of crystallization” *insert* “, **hydrated**” after “**hydrosulphide**”

In Part 3, Chapter 2, Table 3-1, page 3-2-203, **Tear gas substance, liquid, n.o.s.***, UN 1693, *add* “Toxic” in column 5.

In Part 3, Chapter 2, Table 3-1, page 3-2-208, **Titanium powder, dry**, UN 2546, *add* “Spontaneous combustion” in column 5.

In Part 3, Chapter 2, Table 3-1, page 3-2-226, **Zirconium powder, dry**, UN 2008, *add* “Spontaneous combustion” in column 5.

In Part 4, Chapter 3, page 4-3-4, Packing Instruction 130, PARTICULAR PACKING REQUIREMENTS OR EXCEPTIONS, fifth line, *amend* to read:

“for military use, without their means of initiation or with their means of initiation containing at least two effective”
In Part 4, Chapter 8, page 4-8-21, Packing Instruction 650, paragraph 4), last sentence, *replace* “package” with “packaging”.

In Part 4, Chapter 11, page 4-11-7, Packing Instruction 910, paragraph h), *replace* “not exceeding 820 L capacity” with “not exceeding 820 mL capacity”.

In Part 4, Chapter 11, page 4-11-8, Packing Instruction 910, paragraph i) 3), *replace* “55°C” with “55°C”

In Part 5, Chapter 2, page 5-2-3, *amend* paragraph 2.4.8 as follows:

2.4.8 Special marking requirement for biological substances, Category B

Packages containing biological substances, Category B packed in accordance with Packing Instruction 650 must be marked “Biological substance, Category B”.

In Part 5, Chapter 3, page 5-3-2, paragraph 3.2.11 e), second line, *replace* “should” with “must” and *delete* the *Note*.

In Part 5, Chapter 3, page 5-3-4, paragraph 3.5.1.1 k), first line, *replace* “authorities” with “authority”.

In Part 5, Chapter 3, page 5-3-4, paragraph 3.6.1, *amend* paragraph numbers “3.5.1.1” and “3.5.1.2” to read “3.6.1.1” and “3.6.1.2”, respectively.

In Part 5, Chapter 3, page 5-3-11, Figure 5-14, *change* the black line around the white flame to white, as follows:



In Part 5, Chapter 4, page 5-4-5, paragraph 4.3.3, *amend* the reference to “4;2.5” to read “4;2.8”.

In Part 6, Chapter 1, page 6-1-4, Table 6-3, *insert* a new row for IP.7C and *amend* the remaining references in the last column, as follows:

IP.7C	Plastic receptacles (aerosols) non-refillable	3.2.8
IP.8	Glass ampoules (glass tubes)	3.2.9
IP.9	Metal or plastic flexible tubes	3.2.10
IP.10	Bags, paper with plastic/aluminium	3.2.11

In Part 6, Chapter 7, page 6-7-9, Table 6-6, first column, *replace* “.” with “≤”, as follows:

<i>Package mass (kg)</i>	<i>Free drop distance (m)</i>
Package mass < 5 000	1.2
5 000 ≤ Package mass < 10 000	0.9
10 000 ≤ Package mass < 15 000	0.6
15 000 ≤ Package mass	0.3

In Part 8, Chapter 1, page 8-1-3, *move* the unnumbered paragraph currently below paragraph 1.1.2 r) 11) to appear immediately below 1.1.2 q) on page 8-1-2.

In Attachment 3, Chapter 1, paragraph 1.6, *add* the following: “India — IN”, “Macao — MO” and “Poland — PL”.

In Attachment 3, Chapter 1, Table A-1 — State variations, the following amendments should be made:

CH — SWITZERLAND

Amend CH 3 as follows:

CH 3	According to the “Radiological protection ordinance” all transport of radioactive material, except radioactive material in excepted packages from, to or in transit through Switzerland, is subject to a general authorization issued to the operator by the Federal Office of Public Health, Division of Radioprotection, 3003 Berne, Switzerland, Facsimile: +41 31 322 83 83. Further information may be obtained from Suva, 6002 Lucerne, Switzerland, telephone: +41 41 419 61 33, facsimile: +41 41 419 62 13.	1;1.2 5;1.3 7;1.1
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FR — FRANCE

Delete the entry for FR 1.

Add the following new variations:

IN — INDIA

IN 1	Dangerous goods may be carried to/from/within/over India provided that the operator is certified by the State of the operator to carry such goods and also that all the requirements specified in the ICAO Technical Instructions are complied with.	1;1 7;1
IN 2	For transportation of radioactive materials to/from/within India (not over India), the operator must ensure that the consignor/consignee is in possession of authorization issued by the Government of India in pursuance of Section 16 of the Atomic Energy Act, 1962. Application for permission for carriage of radioactive material may be addressed to: Atomic Energy Regulatory Board Radiological Safety Division Niyamak Bhavan, Anushakti Nagar, Mumbai — 400 094 India	5;1 7;1
IN 3	For carriage of arms, ammunition and munitions of war, etc., to, from or over India, written permission under rule 8 of the Aircraft Rules, 1937, shall be required. Application for such permission may be addressed to: Director General of Civil Aviation Opp. Safdarjung Airport New Delhi — 110 003 India	5;1

Add the following new variations:

MO — MACAO

- MO 1 Operators wishing to carry dangerous goods in aircraft to, from or over Macao, China, must obtain prior written permission from the Civil Aviation Authority — Macao, China. 7;1.1

Further information may be obtained from:

Flight Standards
Alameda Dr. Carlos D'Assumpção, 336-342
Centro Comercial Cheng Feng, 18º andar
Macao, China
Tel: (853) 28338089
Fax: (853) 28511213

MY — MALAYSIA

Amend as follows:

- MY 1 Operators wishing to carry all classes of dangerous goods from, over or to the territory of Malaysia must obtain prior written permission from the Director General, Department of Civil Aviation, Malaysia. Request for approval should be addressed to: 5;1.1

The Director General
Department of Civil Aviation, Malaysia
Level 1-4, Block Podium
Lot 4G4, Precinct 4
Federal Government Administrative Centre
62570 Putrajaya, Malaysia.
AFTN: WMKKYAYX
Tel: 03-8886 6000
Fax: 03-8889 1541

- MY 2 The transport of radioactive material by air to or from Malaysia will be considered for approval by the Director General, Department of Civil Aviation, Malaysia, provided prior permit or approval from the Atomic Energy Licensing Board of Malaysia has been obtained. Application for a permit or approval from the Atomic Energy Licensing Board of Malaysia can be made at the following address: 5;1.1

The Atomic Energy Licensing Board of Malaysia
Ministry of Science, Technology and Innovation
Batu 24, Jalan Dengkil
43800 Dengkil, Selangor
Tel: 03-8928 4100
03-8926 7699
Fax: 03-8922 3685

Add the following new variation:

PL — POLAND

- PL 1 Transport of spent nuclear fuel or radioactive waste to, from, through or over the territory of Poland shall not be accepted without permission by the President of the Civil Aviation Office after consultation with the President of the National Atomic Energy Agency. The applications should be addressed to: 9;1
7;1

Civil Aviation Office
ul. Żelazna 59
00-848 Warszawa
Poland

US — UNITED STATES

US 15 *Amend* paragraph 2, subparagraph d), as follows:

- d) Each cylinder must conform to the requirements identified in US Variation 6 and when loaded into a passenger-carrying aircraft or in an inaccessible cargo location of a cargo-only aircraft, must be placed in an overpack or outer packaging that conforms to the performance criteria of Air Transport Association (ATA) Specification 300 for Category I shipping containers.

Amend paragraph 3, subparagraph c), as follows:

- c) Each cylinder must conform to the requirements identified in US Variation 6 and must be placed in an overpack or outer packaging that conforms to the performance criteria of Air Transport Association (ATA) Specification 300 for Category I; and

In Attachment 3, Chapter 2, paragraph 2.5, *add* the following: “Asiana Airlines — OZ”, “Bangkok Airways — PG”, “China Eastern Airlines — MU”, “China Southern — CZ”, “Croatia Airlines — OU”, “Kenya Airways — KQ”, “Singapore Airlines/Singapore Airlines Cargo — SQ” and “SkyWest Airlines — OO”.

In Attachment 3, Chapter 2, Table A-2 — Operator variations, the following amendments should be made:

CO — CONTINENTAL AIRLINES

Amend as follows:

CO-01	Class 1 — Explosives will not be accepted for carriage. (Exception: COMAT parts and supplies). (See Packing Instructions 101 to 143.)	2;1 5;1.1
CO-02	Division 2.1 — Flammable gases will not be accepted for carriage. (Exception: COMAT parts and supplies). (See Packing Instructions 200 to 214.)	2;2 5;1.1
CO-03	All liquid dangerous goods must be packed in combination packagings. (See 5.0.2.14 of the IATA Dangerous Goods Regulations.)	4;1
CO-04	Class 4 — Division 4.1 — Flammable solids; Division 4.2 — Substances liable to spontaneous combustion; Division 4.3 — Substances which, in contact with water, emit flammable gases will not be accepted for carriage as a primary or subsidiary risk. (Exception: COMAT parts and supplies). (See Packing Instructions 400 to Y434.)	2;4 5;1.1
CO-05	Class 5 — Division 5.1 — Oxidizers and Division 5.2 — Organic peroxides will not be accepted for carriage as a primary or subsidiary risk. (Exception: Oxygen, compressed, UN 1072, with a 5.1 subsidiary hazard and COMAT parts and supplies with a primary or subsidiary risk of Division 5.1 or 5.2.) (See 3.5 of the IATA Dangerous Goods Regulations and Packing Instructions 500 to 523.)	2;5 5;1.1
CO-06	Division 6.1 — Toxic substances will not be accepted for carriage as a primary or subsidiary risk. (See all 600 series Packing Instructions except 602, 622 and 650.)	2;6 5;1.1
CO-07	Division 6.2 — Infectious substances affecting humans and Infectious substances affecting animals (UN 2814 and UN 2900) and Biological substances, Category B (UN 3373) (other than substances transmitted to laboratories for diagnostic purposes or finished biological products bearing the U.S. government licence number of manufacture and intended for human or veterinary use) will not be accepted for carriage.	2;6 5;1.1
	For exempt patient specimens (human or animal), a rigid outer package must be used (see 3.6.2 of the IATA Dangerous Goods Regulations and Packing Instructions 602, 622 and 650).	
CO-08	All international and domestic shipments of dangerous goods requiring a DGD, including interline shipments and COMAT parts and supplies, as defined by the IATA Dangerous Goods Regulations, must be booked. United States and Canadian locations must contact the Continental Airlines' Customer Service	5;1

Center for reservations (281-553-5050 or 1-800-421-2456) (SITA address: IAHFCCO). International locations must call the local cargo station. (See 1.3.2 and 9.1.1 of the IATA Dangerous Goods Regulations.)

- CO-9 The carriage of UN 1845 — Carbon dioxide, solid (dry ice) will be limited to the following established limits: 7;2.11
- all narrow-body aircraft (B737, B757, ERJ) — 114 kg (250 lb) per aircraft;
 - all wide-body aircraft (B767, B777) — 200 kg (440 lb) per aircraft.

Exception: Due to the limited sublimation rate of dry ice when carried in “refrigerated/ insulated” containers, the following quantities of dry ice may be carried in any containers with carrier code “PC” or any containers with a prefix code beginning with “R”:

- B777-200 — 1,088 kg (2,400 lb);
- B767-400 — 816 kg (1,800 lb);
- B767-200 — 635 kg (1,400 lb);
- B757-200 — 590 kg (1,300 lb);
- B757-300 — 725 kg (1,600 lb); or
- B737-(all series) — 430 kg (950 lb).

The above container limitations are per aircraft. (See 9.3.12 of the IATA Dangerous Goods Regulations and Packing Instruction 904.)

Add the following entry:

- CO-10 In addition to the forbidden items in the State Variations and 4.2 (List of Dangerous Goods) of the IATA Dangerous Goods Regulations, the following substances are forbidden for transport on Continental Airlines: Table 3-1
3;3
- UN 3090 — Lithium batteries, non-rechargeable (primary) and rechargeable lithium batteries. This also applies to the primary batteries exempted by Special Provision A45.

CS — CONTINENTAL MICRONESIA

Amend as follows:

- CS-01 Class 1 — Explosives will not be accepted for carriage (exception: COMAT parts and supplies). (See 3.1 of the IATA Dangerous Goods Regulations and Packing Instructions 101 to 143.) 2;1
4;3
- CS-02 Class 2, Division 2.1 — Flammable gases will not be accepted for carriage. (Exception: COMAT parts and supplies). (See 3.2 of the IATA Dangerous Goods Regulations and Packing Instructions 200 to 212.) 2;2
4;4
- CS-03 All liquid dangerous goods must be packed in combination packaging. (See 5.0.2.14 of the IATA Dangerous Goods Regulations.) 4;1
- CS-04 Class 4 — Division 4.1 — Flammable solids; Division 4.2 — Substances liable to spontaneous combustion; Division 4.3 — Substances which, in contact with water, emit flammable gases will not be accepted for carriage as a primary or subsidiary risk. (Exception: COMAT parts and supplies). (See subsection 3.4 of the IATA Dangerous Goods Regulations and Packing Instructions 400 to Y434.) 2;4
4;6
- CS-05 Class 5 — Division 5.1 — Oxidizers and Division 5.2 — Organic peroxides will not be accepted for carriage as a primary or subsidiary risk. (Exception: Oxygen, compressed, UN 1072, with a 5.1 subsidiary hazard and COMAT shipments of organic peroxides (5.2) as a primary or subsidiary hazard). (See subsection 3.5 of the IATA Dangerous Goods Regulations and Packing Instructions 500 to 523) 2;5
4;7
- CS-06 Division 6.1 — Toxic substances will not be accepted for carriage as a primary or subsidiary risk. (See 3.6 of the IATA Dangerous Goods Regulations and all 600 series Packing Instructions except 602, 622, and 650.) 2;6
4;8

CS-07	<p>Division 6.2 — Infectious substances will be accepted for transport under the following requirements:</p> <ol style="list-style-type: none">1) Biological substance, Category B packed in accordance with Packing Instruction 650 will only be accepted where the material is being transported for initial diagnostic purposes and there is no reason to suspect the presence of pathogens. A rigid outer packaging is required. Any material or patient specimens known, suspected or having a minimum likelihood of containing pathogens must be packaged in accordance with Packing Instruction 602 and consigned as Infectious substances (UN 2814 or UN 2900).2) Biological substances must also meet the following:<ul style="list-style-type: none">— package(s) must be identified and presented to the carrier by itself and not in consolidation with other shipments;— biological substances are not permitted in airmail.— advance arrangements must be made;3) Infectious substances will be accepted provided that:<ul style="list-style-type: none">— each completed package is not greater than 460 mm (18 in) in diameter and 405 mm (16 in) in height;— package(s) must be identified and presented to the carrier by itself and not in consolidation with other shipments;— infectious substances are not permitted in airmail;— advance arrangements must be made.4) Infected animals, dead or alive, and medical and clinical waste are strictly prohibited for carriage.	2;6 7;1
CS-08	<p>All international and domestic shipments of dangerous goods requiring DGD, including interline shipments and COMAT parts and supplies, as defined by the IATA Dangerous Goods Regulations, must be booked with the Continental Micronesia Customer Service Centre (SITA address: GUMFSCO, GUMFXCO and GUMFFCO) (671-645-8570). (See 1.2, 1.3, 1.4 and 9.1 of the Dangerous Goods Regulations.)</p>	1;1 5;1 7;1
CS-09	<p>The carriage of Carbon dioxide, solid (dry ice), UN 1845, will be limited to the following established limits:</p> <ul style="list-style-type: none">— all narrow-body aircraft (B737, B757, ERJ) — 114 kg (250 lb) per aircraft;— all wide-body aircraft (B767, B777) — 200 kg (440 lb) per aircraft. <p>Exception: Due to the limited sublimation rate of dry ice when carried in "Refrigerated/Insulated" containers, the following quantities of dry ice may be carried in any containers with carrier code "PC" or any containers with a prefix code beginning with "R":</p> <ul style="list-style-type: none">B777-200 — 1,088 kg (2,400 lb);B767-400 — 816 kg (1,800 lb);B767-200 — 635 kg (1,400 lb);B757-200 — 590 kg (1,300 lb);B757-300 — 725 kg (1,600 lb);B737-(all series) — 430 kg (950 lb). <p><i>Add the following entry:</i></p>	7;2.11
CS-10	<p>In addition to the forbidden items in the State Variations and 4.2 (List of Dangerous Goods) of the IATA Dangerous Goods Regulations, the following UN number(s) are forbidden for transport on Continental Micronesia:</p> <p>UN 3090 — Lithium batteries</p>	Table 3-1

CX — CATHAY PACIFIC AIRWAYS

Amend as follows:

- CX-04 The shipper must provide a 24-hour emergency telephone number of a person who is knowledgeable of the hazards, characteristics and actions to be taken in the case of an accident or incident. The telephone number must include the country and area code. 5;4

A 24-hour emergency telephone number is not required for shipments that do not require a shipper's declaration for dangerous goods.

Note.— *Contact for additional information or operator approval is:*

Cargo Services Manager
Quality, Safety and Security
Cargo Department
9/F South Tower, Cathay Pacific City
Hong Kong International Airport
HONG KONG
Tel: +852-2747 7164
Fax: +852-2141 7164
Teletype: HDQDGCX
E-mail: cgo#dgr@cathaypacific.com

Add the following new variations:

CZ — CHINA SOUTHERN

- CZ-01 Dangerous goods in excepted quantities will not be accepted. 1;2.4
7;1
- CZ-02 Dangerous goods in consolidations will not be accepted, except for:
- consolidations containing UN 1845, Carbon dioxide, solid (dry ice) when used as a refrigerant;
 - consolidations with only one house air waybill.
- CZ-03 The shipper must provide a 24-hour emergency telephone number of a person/agency who is knowledgeable of the hazards, characteristics and actions to be taken in the case of an accident or incident concerning each of the dangerous goods being transported. This telephone number, including the country and area code, preceded by the words "Emergency Contact" or "24-hour number", must be inserted on the DGD, preferably in the "Handling information" box. 5;4
- A 24-hour emergency telephone number is not required for shipments that do not require a shipper's declaration for dangerous goods.
- CZ-04 Cold storage for dangerous goods is not available, except for Carbon dioxide, solid (dry ice) when used as a refrigerant.
- CZ-05 CSN will not consign sales agents to accept or handle dangerous goods in China.
- CZ-06 Division 2.3, Toxic gases, will not be accepted. 2;2
- CZ-07 Only radioactive material Category I-White and Category II-Yellow will be accepted. 2;7
- CZ-08 UN 3090 — Lithium batteries. Primary (non-rechargeable) lithium batteries will not be accepted for carriage on a passenger aircraft as cargo. This prohibition also applies to primary lithium batteries excepted from the IATA Dangerous Goods Regulations by Special Provision A45. 3;3

FEDERAL EXPRESS CORPORATION — FX

Amend as follows:

FX-01	Class 1 articles and substances will not be accepted for carriage outside the U.S. without pre-approval (see Packing Instructions 101 to 143). FedEx Express will not accept for carriage any explosives assigned to Division 1.3.	2;1 5;1.1
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KA — HONG KONG DRAGON AIRLINES (DRAGONAIR)

Amend as follows:

KA-02	All combination packagings containing liquid dangerous goods in Packing Groups I, II or III must contain sufficient absorbent material to absorb the entire contents of all the inner packagings (see 5.0.2.12.2 of the IATA Dangerous Goods Regulations).	4;1.1.10
KA-03	Dangerous goods packed in metal drums (1A1, 1A2, 1B1, 1B2, 1N1 and 1N2) and the following composite packagings (6HA1 and 6HB1) are not acceptable for carriage unless a strong overpack is used (see 5.0.1.5 of the IATA Dangerous Goods Regulations).	1;2.4.4 5;1
KA-04	The shipper must provide a 24-hour emergency telephone number of a person who is knowledgeable of the hazards, characteristics and actions to be taken in the case of an accident or incident. The telephone number must include the country and area code.	5;4

A 24-hour emergency telephone is not required for shipments that do not require a shipper's declaration for dangerous goods.

Note.— *Contact for additional information or operator approval is:*

Cargo Services Manager
Quality, Safety and Security
Cargo Department
9/F South Tower, Cathay Pacific City
Hong Kong International Airport
HONG KONG
Tel: +852-2747 7164
Fax: +852-2141 7164
Teletype: HDQDGCX
E-mail: cgo#dgr@cathaypacific.com

Delete the entries for KA-05, KA-06 and KA-07.

Add the following new variations:

KQ — KENYA AIRWAYS

KQ-01	Dangerous goods in consolidations will not be accepted for carriage except for: — ID 8000 — Consumer commodity; — UN 1845 — Carbon dioxide, solid or dry ice when used as a refrigerant for non-dangerous goods consignments.	7;1
KQ-02	Dangerous goods in excepted quantities will not be accepted for transport.	1;2.4
KQ-03	Dangerous goods in airmail will not be accepted for transport.	1;2.3
KQ-04	Dangerous goods shipments bearing toxic gas labels (Division 2.3) will not be accepted for carriage.	5;3

KQ-05	The shipper must provide a 24-hour emergency telephone number of a person that has knowledge of the hazards, characteristics and action to be taken in the event of an accident or incident concerning all dangerous goods being transported by air. The telephone number, which must include the country and area code, should be shown in the additional handling information box of the shipper's declaration for dangerous goods and on the package.	5;4.1
KQ-06	Salvage packages will not be accepted for carriage.	4;1.4
KQ-07	Interline transfer of dangerous goods will not be accepted unless a copy of the acceptance checklist accompanies the consignment together with the shipper's declaration for dangerous goods and the air waybill.	5;4.1 7;1

LG — LUXAIR

Amend as follows:

LG-02	Radioactive material is accepted for carriage on passenger aircraft with a maximum transport index (TI) of two per aircraft (see 9.3.10.3 and 10.5.17 of the IATA Dangerous Goods Regulations). Radioactive material is forbidden on Embraer and DHC8-400 aircraft with the exception of UN 2908, UN 2910 and UN 2911 (Radioactive material, excepted packages).	2;7 5;1.1
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MP — MARTINAIR HOLLAND

Amend as follows:

MP-03	When a shipper's declaration is required, three (3) copies must be provided with each shipment. If a shipment is transferred to MP by another operator, then two (2) originals must accompany the air waybill.	5;4
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Add the following new variations:

MU — CHINA EASTERN AIRLINES

MU-01	Fissile material will not be accepted.	7;1
MU-02	Dangerous goods in consolidations will not be accepted, except for: <ul style="list-style-type: none">— consolidations containing UN 1845, Carbon dioxide, solid (dry ice) when used as a refrigerant;— consolidations with only one house air waybill.	7;1
MU-03	Dangerous goods in airmail originating from China will not be accepted for carriage.	1;2.3
MU-04	Fireworks originating from China will not be accepted for carriage.	
MU-05	Small gaseous oxygen or air cylinders required for medical use are not permitted in passenger checked or carry-on baggage. Should a passenger require supplementary oxygen, a prior request must be made to China Eastern Airlines.	8;1

NW — NORTHWEST AIRLINES

Add the following entry:

NW-06	Lithium batteries, the following provisions apply to primary (non-rechargeable) lithium metal batteries and secondary (rechargeable) lithium ion batteries:	Table 3-1 3;3
	<ul style="list-style-type: none">a) primary lithium (metal) batteries, including those primary lithium batteries meeting the provisions of Special Provision A45, must be shipped as UN 3090 — Lithium batteries and will only be accepted when tendered as cargo aircraft only (CAO) consignments. The only exception for primary lithium batteries is where the batteries are contained in equipment, which may be shipped in accordance with Special Provision A45 e);b) secondary (rechargeable) lithium batteries (UN 3090) and rechargeable lithium batteries transported under Special Provision A45 are acceptable on both passenger and cargo aircraft, under the provisions listed in NW-01. The “Additional handling information” box on the shipper’s declaration, or air waybill as applicable, must clearly indicate that the lithium batteries are secondary (rechargeable).	

Add the following new variations:

OO — SKYWEST AIRLINES

OO-01	Commercial shipments of dangerous goods are limited only to UN 3373 — Category B infectious substances. UN 3373 will be accepted subject to the following criteria: <ul style="list-style-type: none">— appropriate dry ice packaging requirements are followed;— each package must be labelled that DRY ICE is present;— maximum quantity per package must not exceed 4 kg for solids and 4 L for liquids.	4;11
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Add the following new variations:

OU — CROATIA AIRLINES

OU-01	Advance arrangements must be made for all shipments of dangerous goods as defined in the IATA Dangerous Goods Regulations (see 1.3.2 and 9.1.1).	5;1 7;1
OU-02	Small gaseous oxygen or air cylinders required for medical use will only be accepted empty as checked baggage. Should a passenger require supplementary oxygen, this will be provided by the operator at a cost with prior arrangements (see 2.3.4.1 of the IATA Dangerous Goods Regulations).	8;1
OU-03	Wheelchairs or other battery-powered mobility devices with spillable batteries will not be accepted for carriage (see 2.3.2.4 and 9.3.15 of the IATA Dangerous Goods Regulations).	8;1
OU-04	Dangerous goods in “limited quantities” (“Y” packing instructions) will not be accepted for carriage (see 2.8 of the IATA Dangerous Goods Regulations and all Y packing instructions).	3;4
OU-05	Dangerous goods in excepted quantities will not be accepted for carriage (see 2.7 of the IATA Dangerous Goods Regulations).	1;2
OU-06	Biological substances Category B (UN 3373) will not be accepted in airmail.	

OU-07	Oxygen generators will not be accepted.	
OU-08	Salvage packagings will not be accepted.	
OU-09	Class 7, fissile radioactive materials will not be accepted.	2;7
OU-10	The shipper must provide a 24-hour emergency telephone number of a person/agency who is knowledgeable of the hazards, characteristics and actions to be taken in the case of an accident or incident concerning each of the dangerous goods being transported. This telephone number, including the country and area code, preceded by the words "Emergency Contact" or "24-hour Number" must be inserted in the Additional Handling Information box on the DGD (see 8.1.6.11 or 10.8.3.11 of the IATA Dangerous Goods Regulations).	5;4
OU-11	Explosives will not be accepted for carriage, except substances and articles of Division 1.4S (see 5.1 of the IATA Dangerous Goods Regulations).	2;1
OU-12	Infected animals, dead or alive, will not be accepted for carriage.	2;6
OU-13	Dangerous goods are not accepted on ATR-42 type of aircraft, except dry ice in limited quantities as a refrigerant for perishable goods.	7;1
OU-14	Dangerous goods in consolidations will not be accepted for carriage, except for UN 1845, Carbon dioxide, solid (dry ice) when used as a refrigerant (see 8.1.2.4 of the IATA Dangerous Goods Regulations).	7;1
OU-15	Self-inflating rafts, aircraft survival kits, or evacuation slides, are limited to not more than one per aircraft, packed in accordance with Packing Instruction 905.	4;11
OU-16	Biological substances Category B UN 3373 (human or animal) will only be accepted if assigned to UN 2814 or UN 2900 as appropriate. <i>Note.— Biological substances Category B (UN 3373) are not permitted for transport in checked or carry-on baggage and must not be carried on a person.</i>	2;6 Table 3-1 5;4 7;1

The only exceptions to this variation are:

- any tissues or organs intended for use in human or animal transplantation;
- pathogen-free blood or blood components collected for transfusion or for the preparation of blood to be used for human or animal transfusion or transplantation.

In these cases, the air waybill must bear a detailed description to enable identification as non-regulated material (see Packing Instruction 602 and 8.2 of the IATA Dangerous Goods Regulations).

Add the following new variations:

OZ — ASIANA AIRLINES

OZ-01	Advance arrangements must be made for all shipments of dangerous goods as defined in the IATA Dangerous Goods Regulations. Dangerous goods without booking will be rejected.	
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OZ-02	Dangerous goods in consolidations will not be accepted for carriage, except for: — consolidations having one master air waybill with one house air waybill; or — consolidations containing UN 1845, Carbon dioxide, solid (dry ice) when used as a refrigerant for non-dangerous goods.	7;1
OZ-03	Class 1, Explosives are acceptable for carriage provided that prior approval has been received from Asiana Airlines. This does not apply to COMAT parts and supplies and small quantities of ammunition in passenger baggage permitted by 2.3.2.2 of the IATA Dangerous Goods Regulations. Contact for additional information or operator approval is: Asiana Airlines, Cargo Service Team P.O. Box 400-340 # 2165-160 Woonseo-Dong Joong-Gu, Incheon, Korea Fax: +82-32-744-2779 E-mail: aacy@flyasiana.com	7;1 8;1
OZ-04	Class 3, Flammable liquids in Packing Group I will not be accepted for carriage.	2;3 7;1
OZ-05	Oxygen generator, chemical — UN 3356 will not be accepted for carriage.	Table 3-1 7;1
OZ-06	Class 7, Radioactive Material: Type B(M), Fissile Material and Type C packages will not be accepted for carriage.	2;7 7;1
OZ-07	Class 7, Radioactive Material: Type B(U) packages will only be accepted for carriage on cargo aircraft.	2;7 7;1

Add the following new variations:

PG — BANGKOK AIRWAYS

PG-01	Dangerous goods, as defined by the IATA Dangerous Goods Regulations, will not be accepted for carriage, with the exception of those articles and substances permitted for passengers and crew (see 2.3 and Table 2.3.A of the IATA Dangerous Goods Regulations).	7;1 8;1
PG-02	Commercial shipments of dangerous goods will not be accepted. Properly prepared company material (COMAT), aircraft spares shipments will be accepted (see 2.5.2 of the IATA Dangerous Goods Regulations).	7;1

Note.— Contact for additional information, evaluation or operator approval is:

Jirapon Hirunrat (Mr.)
Senior Flight Operations Control Manager
BANGKOK AIRWAYS CO., LTD.
2FL, Bangkok Air Operations Complex
999 Mu. 4 Bangna-Tart Road, Bangchalong
Bangplee, Samutprakarn
10540 THAILAND
Tel: +662 328 3309, +662 328 3306
Fax: +662 325 0647
e-mail: jirapon@bangkokair.com
e-mail: bkkocc@bangkokair.com
AFTN: VTBSBKPX
SITA: BKKOCPG

QK — AIR CANADA JAZZ

Delete the entry for QK-01.

SQ — SINGAPORE AIRLINES/SINGAPORE AIRLINES CARGO

Amend as follows:

SQ-01	Only explosives of Division 1.4S packed for "passenger and cargo aircraft" or "cargo aircraft only" will be accepted. For main deck loading refer to carrier.	7;2.1
SQ-02	Items with a primary or subsidiary risk of Division 2.1 and Class 4, when packed for "passenger and cargo aircraft", must be loaded in the lower deck.	7;2.1
SQ-05	Only Division 6.2, Class 7 and Class 9 will be uplifted into/over the United States. (Division 6.2 will only be carried on freighter aircraft.)	7;1.1
SQ-07	Items with a primary or subsidiary risk of Class 3 or 5, packed for "passenger and cargo aircraft" or "cargo aircraft only" may be accepted. For main deck loading refer to carrier.	7;2.1
SQ-09	Dangerous goods shipments from other carriers will not be accepted unless prior arrangements have been made with SQ. For carrier details, please refer to SIA Cargo Office.	7;1.1

UA — UNITED AIRLINES

Add the following new variation:

UA-14	Select agents or toxins regulated by the Centers for Disease Control (CDC) under 42 CFR Part 73 and the Department of Agriculture under 9 CFR Part 121.3 (risk classification 6.2) will not be accepted for transport.	
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US — US AIRWAYS

Amend as follows:

US-01	Shipments which contain articles and substances listed in the IATA Dangerous Goods Regulations and/or DOT Hazardous Materials Regulations and revisions thereto, except those listed as not restricted, in said regulations will not be accepted for carriage as Cargo Shipments.	2;6 5;1.1
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Delete the entries for US-02, US-03 and US-07.

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