

## § 175.35

(i) Section 172.101 of this subchapter, any additional description requirements provided in §§172.202 and 172.203 of this subchapter must also be shown in the notification.

(ii) The ICAO Technical Instructions, any additional information required to be shown on shipping papers by §171.11 of this subchapter must also be shown in the notification.

(2) The total number of packages;

(3) The net quantity or gross weight, as applicable, for each package except those containing Class 7 (radioactive) materials and those for which there is no limit imposed on the maximum net quantity per package;

(4) The location of the packages aboard the aircraft;

(5) Confirmation that no damaged or leaking packages have been loaded on the aircraft;

(6) For Class 7 (radioactive) materials, the number of packages, overpacks or freight containers their category, transport index (if applicable), and their location aboard the aircraft;

(7) Confirmation that the package must be carried on cargo aircraft only if its transportation aboard passenger-carrying aircraft is forbidden; and

(8) An indication, when applicable, that a hazardous material is being carried under terms of an exemption.

(b) A copy of the written notification to pilot-in-command shall be readily available to the pilot-in-command during flight. Emergency response information required by subpart G of part 172 of this subchapter must be maintained in the same manner as the written notification to pilot-in-command during transport of the hazardous material aboard the aircraft.

[Amdt. 175-25, 47 FR 54823, Dec. 6, 1982, as amended by Amdt. 175-30, 48 FR 53713, Nov. 29, 1983; Amdt. 175-32, 49 FR 45750, Nov. 20, 1984; Amdt. 175-35, 50 FR 49394, Dec. 2, 1985; Amdt. 175-45, 55 FR 875, Jan. 10, 1990; Amdt. 175-47, 55 FR 52685, Dec. 21, 1990; Amdt. 175-52, 59 FR 67518, Dec. 29, 1994; 66 FR 33437, June 21, 2001]

## § 175.35 Shipping papers aboard aircraft.

(a) A copy of the shipping papers required by §175.30(a)(2) must accompany the shipment it covers during transportation aboard an aircraft.

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(b) The documents required by paragraph (a) of this section and §175.33 may be combined into one document if it is given to the pilot-in-command before departure of the aircraft.

## § 175.40 Keeping and replacement of labels.

(a) Aircraft operators who engage in the transportation of hazardous materials must keep an adequate supply of the labels specified in subpart E of part 172 of this subchapter, on hand at each location where shipments are loaded aboard aircraft.

(b) Lost or detached labels for packages of hazardous materials must be replaced in accordance with the information provided on the shipping papers.

## Subpart B—Loading, Unloading and Handling

## § 175.75 Quantity limitations aboard aircraft.

(a) Except as provided in §175.85(c)(3), no person may carry on an aircraft:

(1) A hazardous material except as permitted by this subchapter;

(2) More than 25 kg (55 pounds) net weight of hazardous material (and in addition thereto, 75 kg (165 pounds) net weight of Division 2.2 (non-flammable compressed gas) materials permitted to be carried aboard passenger-carrying aircraft:

(i) In an inaccessible cargo compartment,

(ii) In any freight container within an accessible cargo compartment, or

(iii) In any accessible cargo compartment in a cargo aircraft only in a manner that makes it inaccessible unless in a freight container;

(3) Packages containing Class 7 (radioactive) materials when their combined transport index number (determined by adding together the transport index numbers shown on the labels of the individual packages and/or overpacks):

(i) In passenger carrying aircraft, exceeds 50.0 or, for any single package, exceeds 3.0, or

(ii) In cargo aircraft only, exceeds 200.00 (for fissile Class 7 (radioactive) materials, see §175.702(b)(2)(iv)) or, for any single package, exceeds 10.0.

(b) No limitation applies to the number of packages of Class 9 (miscellaneous hazardous) materials, or ORM-D materials aboard an aircraft.

[Amdt. 175-1A, 41 FR 40686, Sept. 20, 1976, as amended by Amdt. 175-13, 45 FR 20101, Mar. 27, 1980; Amdt. 175-25, 47 FR 54823, Dec. 6, 1982; Amdt. 175-29, 48 FR 50461, Nov. 1, 1983; Amdt. 175-47, 55 FR 52685, Dec. 21, 1990; 66 FR 45184, Aug. 28, 2001]

**§ 175.78 Stowage compatibility of cargo.**

(a) For stowage on an aircraft, in a cargo facility, or in any other area at an airport designated for the stowage of hazardous materials, packages con-

taining hazardous materials which might react dangerously with one another may not be placed next to each other or in a position that would allow a dangerous interaction in the event of leakage.

(b) As a minimum, the segregation instructions prescribed in the following Segregation Table must be followed to maintain acceptable segregation between packages containing hazardous materials with different hazards. The Segregation Table instructions apply whether or not the class or division is the primary or subsidiary risk. The Segregation Table follows:

SEGREGATION TABLE

Hazard label	Class or division							
	1	2	3	4.2	4.3	5.1	5.2	8
1 .....	Note 1	Note 2						
2 .....	Note 2	.....	.....	.....	.....	.....	.....	.....
3 .....	Note 2	.....	.....	.....	.....	X	.....	.....
4.2 .....	Note 2	.....	.....	.....	.....	X	.....	.....
4.3 .....	Note 2	.....	.....	.....	.....	.....	.....	X
5.1 .....	Note 2	.....	X	X	.....	.....	.....	.....
5.2 .....	Note 2	.....	.....	.....	.....	.....	.....	.....
8 .....	Note 2	.....	.....	.....	X	.....	.....	.....

(c) Instructions for using the Segregation Table are as follows:

(1) The dots at the intersection of a row and column indicate that no restrictions apply.

(2) The letter "X" at the intersection of a row and column indicates that packages containing these classes of hazardous materials may not be stowed next to or in contact with each other, or in a position which would allow interaction in the event of leakage of the contents.

(3) NOTE 1. "Note 1" at the intersection of a row and column means the following:

(i) For explosives in compatibility groups A through K and N —

(A) Packages bearing the same compatibility group letter and the same division number may be stowed together.

(B) Explosives of the same compatibility group, but different divisions may be stowed together provided the whole shipment is treated as belonging to the division having the smaller number. However, when explosives of Division 1.5 Compatibility Group D are stowed together with explosives of Division 1.2 Compatibility Group D, the whole shipment must be treated as Division 1.1, Compatibility Group D.

(C) Packages bearing different compatibility group letters may not be stowed together whether or not they belong to the same division, except as provided in paragraphs (c)(3)(ii) and (iii) of this section.

(ii) Explosives in Compatibility Group L may not be stowed with explosives in other compatibility groups. They may only be stowed with the