
Chapter 10—Weight and balance

10.01 Standard weights

- (1) This section prescribes standard weights for the purposes of paragraph 121.440(2)(c) of CASR.
- (2) The standard weight for each person's carry-on baggage (in total) is 7 kg.
- Note: Subsection (2) sets out the standard weight for carry-on baggage, whereas subsection (3) and table 10.01 set out the standard weight for a person (which does not include baggage).
- (3) If an aeroplane for a flight has a seating capacity mentioned in an item of column 1 of table 10.01, being:
- (a) the number of passenger seats permitted by the aeroplane's maximum operational passenger seat configuration; plus
 - (b) the dedicated crew seats;
- the standard weight for a passenger or crew member described in column 2, 3, 4, 5, 6 or 7 is the amount set out for the person in the item, measured in kilograms.

Table 10.01—Standard weights for passengers and crew

Item	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
	Maximum operational seating capacity	Adult male or a person mentioned in ss 10.01(5)	Adult female	Infant	Child	Adolescent male	Adolescent female
1	7-9	86	71	17	44	65	58
2	10-14	86	70	16	43	64	58
3	15-19	85	69	16	43	63	57
4	20-39	84	69	16	42	63	57
5	40-59	83	68	16	42	62	56
6	60-79	82.5	67.3	16	41	61.4	55.4
7	80-99	82.2	67.1	16	41	61.2	55.3
8	100-149	82	66.9	16	41	61.1	55.2
9	150-299	81.8	66.7	16	41	60.9	55
10	300-499	81.4	66.3	16	41	60.6	54.8
11	500 or more	81.2	66.1	16	41	60.5	54.7

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- (4) Despite subsection (3):
- (a) the standard weight for an infant is taken to be the weight set out in column 5 of table 10.01, if the operator chooses to substitute standard weights for infants with that of children, for the purposes of loading the aeroplane; and
 - (b) the standard weight for an adolescent female is taken to be the weight set out in column 3 of the table, if the operator chooses to substitute standard weights for adolescents with that of adults, for the purposes of loading the aeroplane; and
 - (c) the standard weight for an adolescent male is taken to be the weight set out in column 2 of the table, if the operator chooses to substitute standard weights for adolescents with that of adults, for the purposes of loading the aeroplane.
- (5) A weight set out in column 2 of table 10.01 is taken to apply to a person whose gender is indeterminate, intersex or unspecified.

- (6) In this section:

adolescent means a person who has turned 13 but has not turned 16.

adult means a person who has turned 16.

Note: An infant is defined to be a person who has not turned 2, and a child is a person who has turned 2 but has not turned 13: see the definitions of **child** and **infant** in the CASR Dictionary.

10.02 Weight and balance documents

- (1) For the purposes of subregulation 121.455(1) of CASR, weight and balance documents for a flight must include the following:
- (a) the registration mark of the aeroplane;
 - (b) the name of the pilot in command;
 - (c) the name of the person who prepared the weight and balance documents;
 - (d) the date of the flight;
 - (e) the flight identification number or estimated time of departure;
 - (f) the name or identification of the departure aerodrome and the destination aerodrome;
 - (g) the total of the aeroplane's empty weight, the weight of any removable equipment, the weight of consumables and the weight of all the crew members;
 - (h) the weights in the following subparagraphs, separately itemised:
 - (i) the total weight of passengers and carry-on baggage;
 - (ii) the total weight of cargo not otherwise included in subparagraph (i);
 - (iii) the total weight of usable fuel;
 - (i) the aeroplane's zero fuel weight, take-off weight and planned landing weight;
 - (j) the aeroplane's maximum zero fuel weight, maximum take-off weight and maximum landing weight;

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- (k) the weight of all changes specified in the exposition as constituting a last-minute change;
 - (l) evidence that the aeroplane is not loaded in a way that contravenes the balance limits for the aeroplane, specified in the aeroplane's flight manual, unless such evidence is specified in the operator's exposition;
 - (m) certification, by the person responsible for planning the loading of the aeroplane, that the load and its distribution are in accordance with the weight and balance documents given to the pilot in command;
 - (n) if the person certifying under paragraph (m) is neither the pilot in command nor the co-pilot—certification by either the pilot in command or the co-pilot (the *relevant pilot*) that the relevant pilot accepts the aeroplane has been loaded as specified in the weight and balance documents.
- (2) Despite paragraph (1)(m) or (n), a certification mentioned in the paragraph does not need to take into account a change to the load that is specified in the operator's exposition as a last-minute change.