

CHAPTER 19 FUEL REQUIREMENTS

19.01 Purpose

For subregulation 91.455 (1), this Chapter prescribes requirements relating to fuel for aircraft.

19.02 Definitions of *final reserve fuel* and *contingency fuel*

The final reserve fuel and contingency fuel that must be carried on board an aircraft for a flight must conform to the requirements set out in Table 19.02 (2) so that, for an aircraft mentioned in an item of column 1 of the Table, in the kind of flight mentioned for the aircraft in column 2, the final reserve fuel flight time, and the contingency fuel amount, must be as mentioned in columns 3 and 4 respectively for the item.

Table 19.02 (2) — Final reserve fuel and contingency fuel requirements

	Column 1	Column 2	Column 3	Column 4
Item	Aircraft (by aircraft category)	Kind of flight (by flight rules)	Final reserve fuel flight time	Contingency fuel amount
1	Aeroplane with MTOW <= 5 700 kg (piston engine or turboprop)	VFR	30 minutes	N/A
2	Aeroplane with MTOW <= 5 700 kg (piston engine or turboprop)	Night VFR	45 minutes	N/A
3	Aeroplane with MTOW <= 5 700 kg (piston engine or turboprop)	IFR	45 minutes	N/A
4	Turbojet engine aeroplane, or aeroplane with MTOW > 5 700 kg (turboprop engine)	IFR or VFR	30 minutes	5% of trip fuel
5	Aeroplane with MTOW > 5 700 kg (piston engine)	IFR or VFR	45 minutes	5% of trip fuel
6	Rotorcraft	VFR	20 minutes	N/A
7	Rotorcraft	IFR	30 minutes	N/A

Note Table 19.02 (2) describes the required final reserve fuel and contingency fuel by aircraft type and flight rules.

19.03 General requirements

Fuel consumption data

- (1) When determining the amount of usable fuel required under this Chapter for a flight of an aircraft, the pilot in command must use 1 of the following fuel consumption data sources:
 - (a) the most recent aircraft specific fuel consumption data derived from the fuel consumption monitoring system used by the operator of the aircraft (if available);
 - (b) the aircraft manufacturer's data for the aircraft.