



FUEL MANAGEMENT FOR GENERAL AVIATION

1. Introduction

A flight shall not be commenced unless taking into account both meteorological conditions and any delays that are expected in flight, and the aeroplane carries sufficient fuel and oil to ensure that it can safely complete the flight.

2. Fuel and oil supply

2.1. Flight under instrument flight rules - IFR

When the flight is conducted in accordance with the instrument flight rules, the amount of fuel to be carried must permit:

- If the destination alternate aerodrome is not required, the flight to the aerodrome of intended landing with an additional flight time for at least 45 minutes at normal cruising altitude
- If the destination alternate aerodrome is required, the flight to the aerodrome of intended landing, plus the flight from aerodrome of intended landing to alternate aerodrome, with an additional flight time for at least 45 minutes at normal cruising altitude

For a flight to be conducted in accordance with the instrument flight rules, at least one destination alternate aerodrome shall be selected and specified in the flight plan unless the following reasons apply:

- The duration of time of the flight and the meteorological conditions prevailing are such that there is reasonable certainty that, at the estimated time of arrival at the aerodrome of intended landing, and for a reasonable period before and after such time, the approach and landing may be made under visual meteorological conditions.
- The aerodrome of intended landing is isolated and there is no suitable destination alternate aerodrome and a standard instrument approach procedure is prescribed for the aerodrome of intended landing and available current meteorological information indicates that the following meteorological conditions will exist 2 hours before time of arrival.

Associated conditions: cloud base of at least 300m or 1000 ft above the minimum associated with the instrument approach procedure and visibility of at least 5.5 km or of 4 km more than the minimum visibility associated with the procedure.

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2.2. Flight under visual flight rules - VFR

When the flight is conducted in accordance with the visual flight rules, the amount of fuel to be carried must permit:

- For VFR flight during day time, the flight to the aerodrome of intended landing with an additional flight time for at least 30 minutes at normal cruising altitude
- For VFR flight during night time, the flight to the aerodrome of intended landing with an additional flight time for at least 45 minutes at normal cruising altitude

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