

AIRCRAFT FUEL CONSUMPTION

TTT – Aviation uses following fuel consumption values for all its operations.

Fuel consumption is based on cruise power settings given in aircraft flight manual. When training traffic circuit, stalls or forced landings, fuel consumption is greater than in cruise flight due to unleaned mixture.

Contingency fuel compensates increased consumption. Contingency fuel equals 15 minutes of cruise consumption.

When dealing with fuel consumption and tanking, volume unit is always one liter (l) according to SI. Make sure not to mistake with US or Imperial gallons!

A/c type	Registration	Cruise fuel flow liters / h 75% MCP*	Contingency fuel
Cessna 152	OH-CLE	24 l / h	6 l
Cessna 152 Aerobat	OH-COX	24 l / h	6 l
Cessna 150	OH-CET	24 l / h	6 l
Cessna 150M	OH-CKY	38 l / h	9,5 l

*MCP: Maximum continuous power

AIRCRAFT ENGINE OIL MINIMUM LEVEL BEFORE FLIGHT

A/c	Oil grade	Min. oil amount before flight	Min. oil amount before cross-county flight
OH-CET	Total 15W50	4 qts	6 qts
OH-CKY	Total 15W50	4 qts	6 qts
OH-CLE	Exxon 20W50	4 qts	6 qts
OH-COX	Shell W80+	4 qts (aerobatics 5 qts)	6 qts

Approved for operational use 3.8.2011

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