

KYWGP 70-1

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Kentucky Wing Aircraft Refueling



KENTUCKY WING HEADQUARTERS

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1. Background

Many of the aircraft assigned to the Kentucky Wing are equipped with the Garmin G1000 Flight Management system. This system adds approximately 100 pounds to the basic empty weight of the aircraft. Fueling these aircraft to full fuel level leaves about 500 pounds for passengers and gear, effectively making the aircraft a two person airplane.

For this reason, KYWG has chosen to fuel aircraft at less than maximum levels.

To allow accurate determination of fuel level, each aircraft is equipped with a clear Plexiglas fuel level dipstick. The PIC shall use this to determine the amount of fuel that should be added to each tank.

2. SPECIFIED FUEL LEVELS

Subject to weight and balance and fuel reserve requirements, the PIC is free to fuel any CAP aircraft to any level he/she deems appropriate prior to flight. However, at the end of the last sortie of the mission, the aircraft shall be refueled to the fuel level specified in the table below:

TYPE	QUANTITY
Cessna 172	30 gallons
Cessna 182	50 gallons
Gippsland GA-8	64 gallons