



## Faster Is Better

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The old saying, “Unless you’re on fire, there’s no such thing as having too much fuel,” was never more true than when trying to use a personal aircraft for transportation. Using the above map as an example, consider a 100-knot airplane with five hours’ endurance (plus a 30-minute reserve) based near St. Louis, represented by the green circle. The blue circle is that same airplane’s range with a 45-minute reserve for nighttime while the gray is IFR range and the red represents what we’ll call “out-and-back” range, the distance we can fly, then turn around and land back at home plate. Throw in headwinds and/or diversions for weather, and those circles get even smaller. Offload some fuel in exchange for passengers or baggage and...well, you know what happens.

Meanwhile, the map below depicts an airplane with the same five-hour range, but capable of cruising at 150 knots. Not only is its range much greater, but so are its flexibility and the choices it provides.

