

Very rough estimates.

AID - Guntersville, AL (8A1) 344nm

Full fuel 1140 lbs. High Speed Cruise Power Setting

Takeoff until emergency declaration: 1 hr 38min / avg. GS = 215 kts

Climb: 22 min 65 nm 160 lbs fuel

Cruise 1 hr 16 min 279 nm 221 lbs @ 270 pph

Fuel used from takeoff to emergency declaration: 381 lbs

Fuel remaining at emergency declaration: 760 lbs. 2.8 hrs @ 270 pph

Guntersville, AL to Gadsden, AL: 27nm

Gadsden AL to Milton, FL: approx. 200nm.

Assuming low power cruise from Gadsden to Milton

Low power cruise: 500 lb/ft torque 252 pph 140 ktas

Assuming a groundspeed of approx. 125 kts, Gadsden to Milton would take 1 hr 35 min and consume 403 lbs of fuel.

Approx. fuel at ground impact would be: $760 - 403 = 357$ lbs.