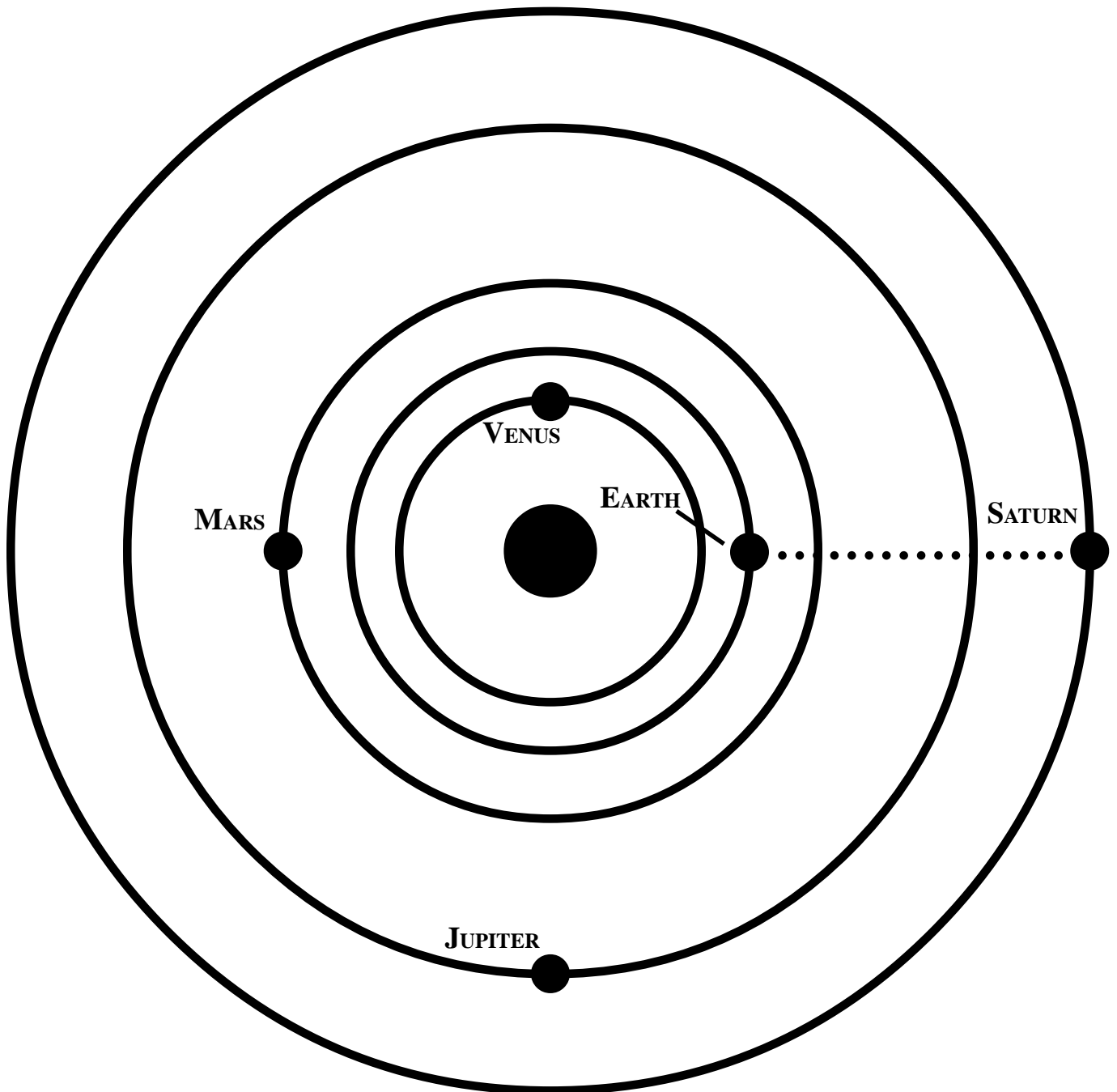


EARTH TO SATURN (DIRECT – STRAIGHT LINE)



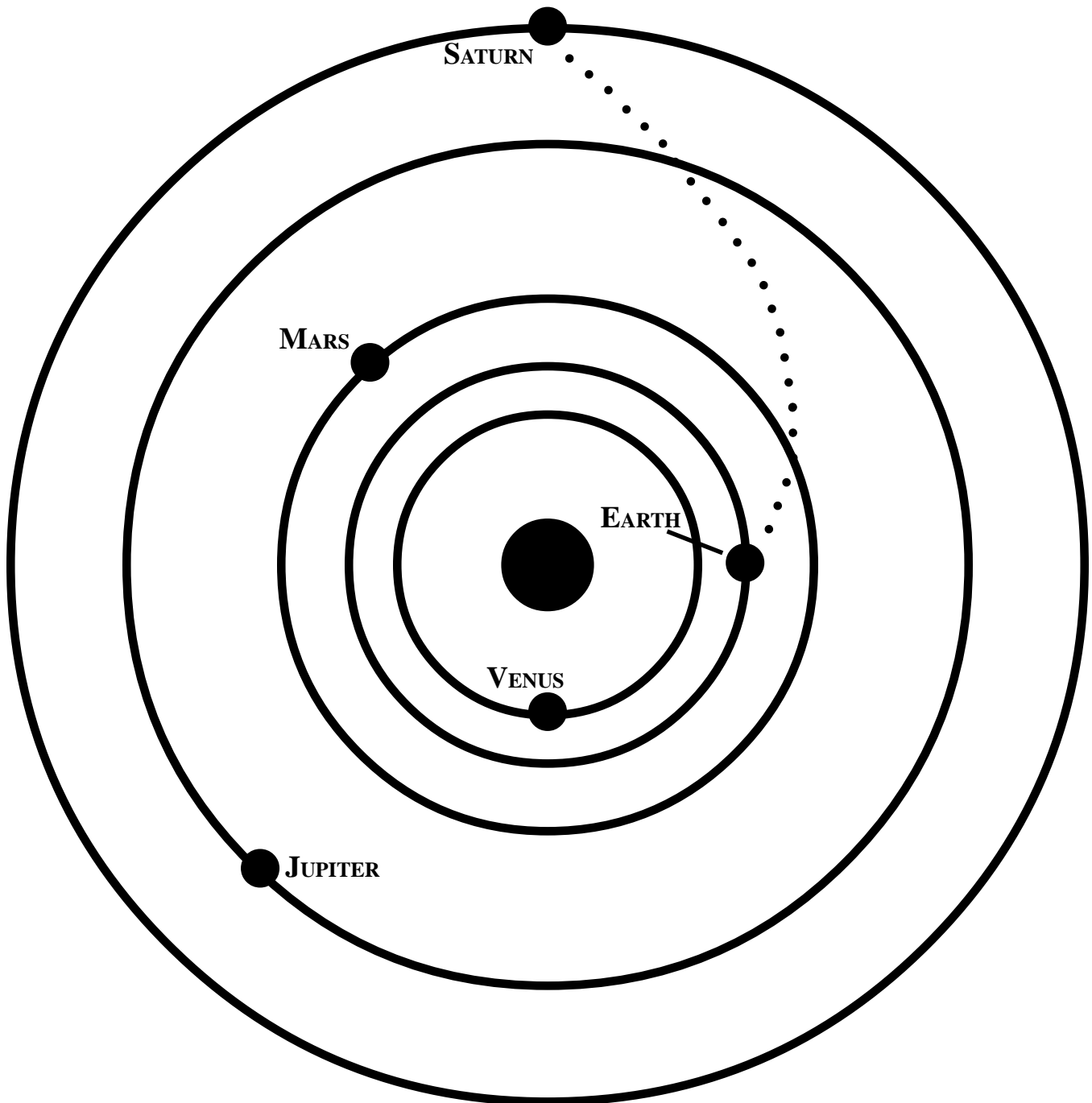
FLIGHT STRATEGY: Accelerate 1 meter per second continuously during flight.

FLIGHT TIME: 20 days

ENERGY REQUIRED: 37,000 t.u.

(1 t.u. is roughly equivalent to the energy used by 2,000 gallons of gasoline)

EARTH TO SATURN (DIRECT – CURVED PATH)



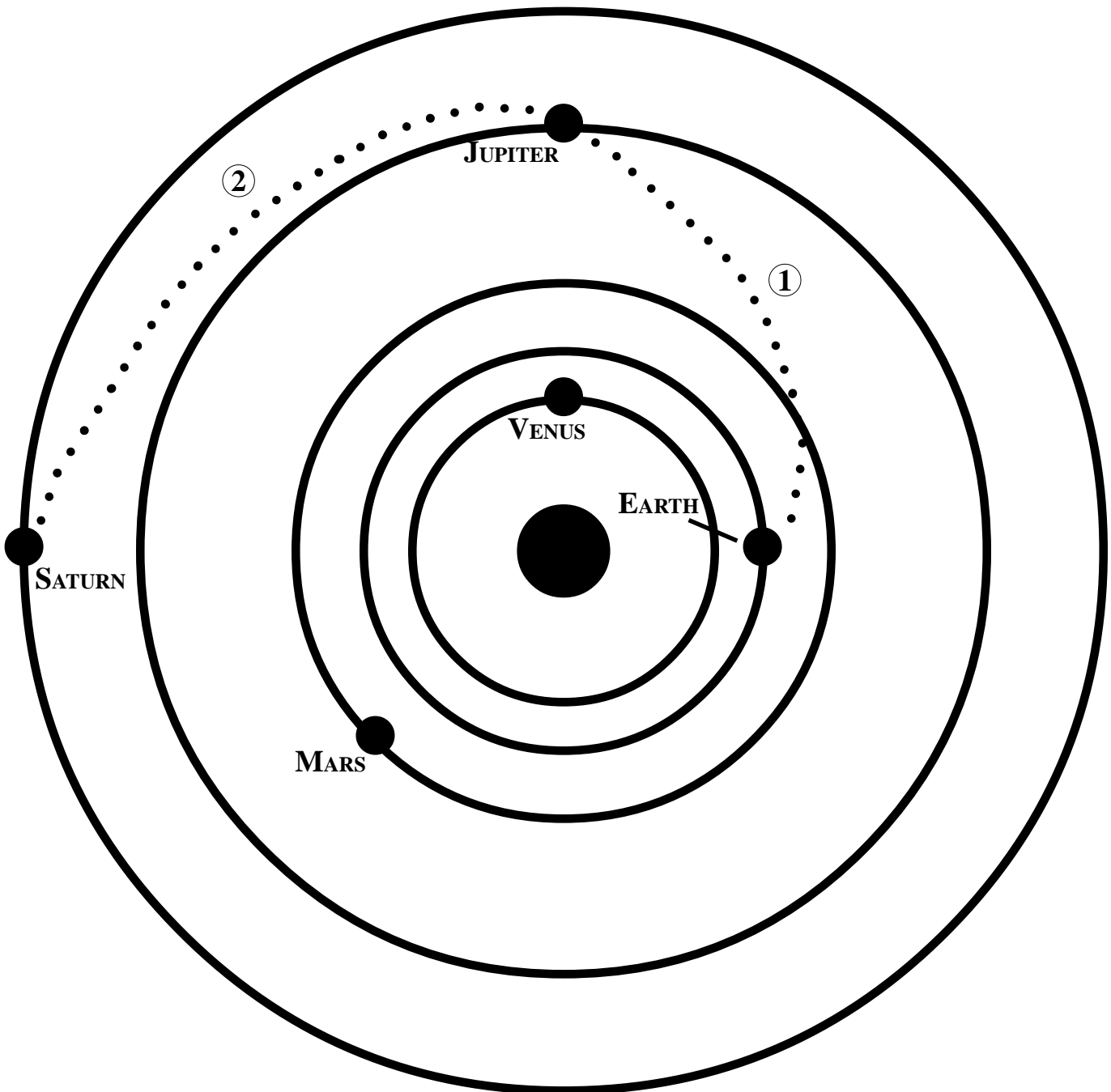
FLIGHT STRATEGY: Release one large burst of energy, then to coast to Saturn.

FLIGHT TIME: 1 year

ENERGY REQUIRED: 49 t.u.

(1 t.u. is roughly equivalent to the energy used by 2,000 gallons of gasoline)

EARTH TO SATURN (TWO-STEP PATH)



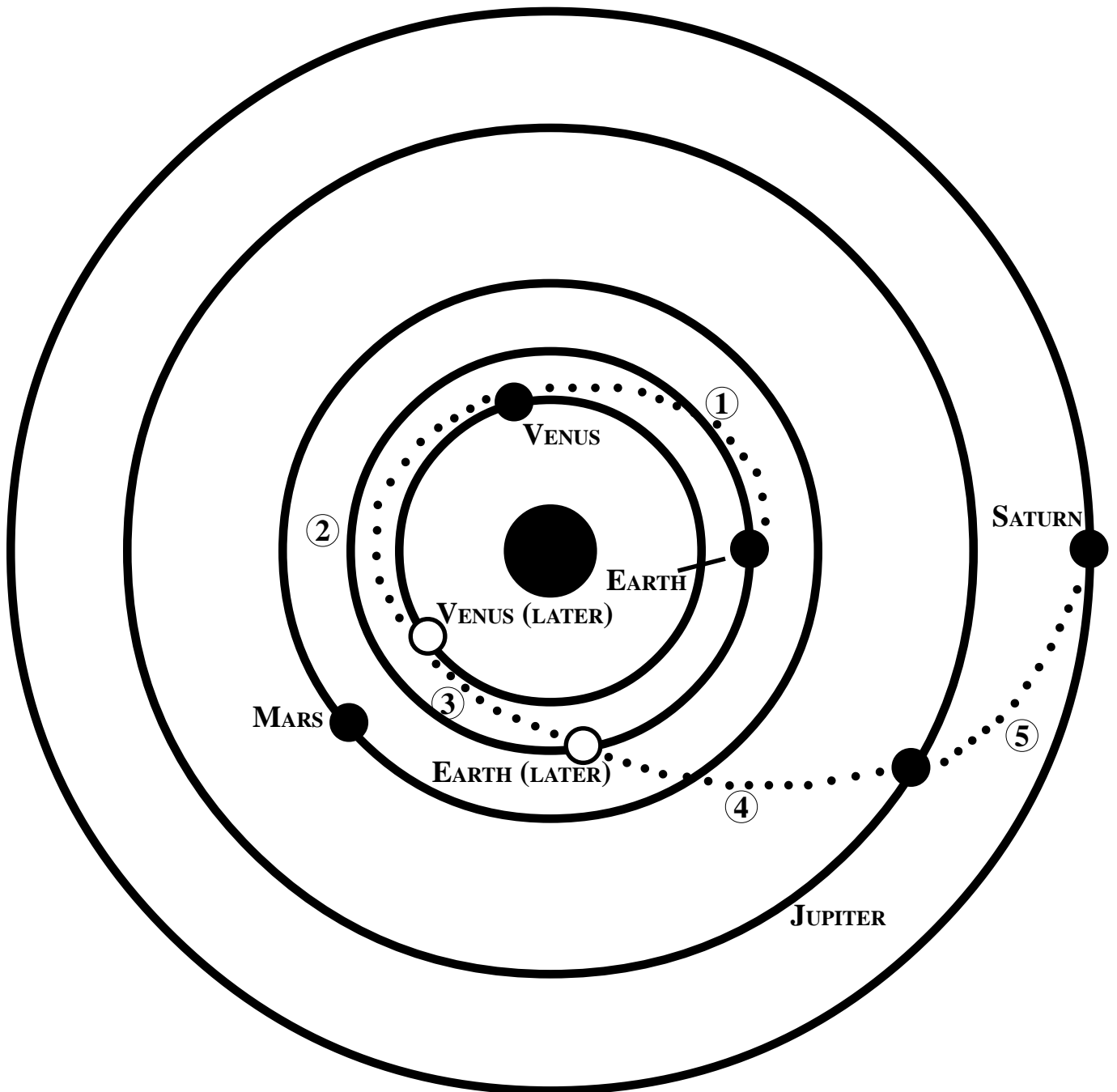
FLIGHT STRATEGY: “Hop” to Jupiter, and then on to Saturn.

FLIGHT TIME: 3 years

ENERGY REQUIRED: 20 t.u.

(1 t.u. is roughly equivalent to the energy used by 2,000 gallons of gasoline)

EARTH TO SATURN (FIVE-STEP PATH)



FLIGHT STRATEGY: “Hop” to Venus, then back to Venus, Earth, Jupiter & Saturn.

FLIGHT TIME: 7 years

ENERGY REQUIRED: 10 t.u.

(1 t.u. is roughly equivalent to the energy used by 2,000 gallons of gasoline)