



Time/Distance/Fuel to Climb

Parameters: Climb Rate: 350 FPM (Found in Owner's Manual)
Climb Speed: 75 MPH (Vy)
Power Setting: Full Power
Fuel Burn: 5.5 GPH

Time: $(\text{Cruise Altitude} - \text{Field Elevation}) / 350$

Distance: Calculate using E6B

Fuel: Calculate using E6B

- Example: Cruise Altitude = 6500 feet. Field Elevation = 1300 feet.

Time: $(6500 \text{ feet} - 1300 \text{ feet}) / 350 \text{ FPM} = 15 \text{ minutes}$

Distance: E6B: Set index to speed of 75
Above 15 (time) read 19 NM

Fuel: E6B: Set index to fuel burn of 5.5
Above 15 (time) read 1.4 gallons