

TIME/DISTANCE/FUEL TO DESCEND

Distance Based On Zero Wind

Parameters: Descent Rate: 500 FPM
Descent Speed: 90 KTS
Power Setting: 2100 RPM

Time: $(\text{Cruise Altitude} - \text{TPA})/500$

Distance: $(90 \text{ KTS} \times \text{Descent Time}) + 2^*$

Fuel: Fuel Burn (9.2 GPH) X Descent Time

*Allows for TP entry 2 NM from airport

Example: Cruise Altitude = 4500 feet. TPA = 2200 feet.

Time: $(4500 \text{ feet} - 2200 \text{ feet})/500 \text{ FPM} = 4.6 \text{ minutes}$

Distance: E6B: Set Speed at 90
Above 4.6 read 7 NM
Add 2 to get 9 NM

Fuel: E6B: Set Fuel Burn at 9.2
Above 4.6 read .7 gallons