



Multi Engine Aircraft Performance

Name _____ Date _____

On the day of the flight please use the most pertinent weather to determine the below performance numbers

Wind _____ KT / MPH OAT _____ C / F

Aircraft Weight _____ lb / kg Pressure Alt _____ FT

1. Complete the below calculations for the airport used on the flight test

Accelerate Stop Distance _____ FT

Total Take Off Distance over 50ft Obstacle _____ FT

Landing Distance to Clear 50ft Obstacle _____ FT

2. The altitude that we will be completing air work is _____ FT

The TIME to climb to altitude _____ MIN

The FUEL used to climb to the altitude _____ GAL

One engine RATE OF CLIMB at altitude _____ FPM

3. Fill in the blanks as if you were cruising at the above altitude.

Power Setting _____ % _____ MP _____ RPM

Fuel Flow _____ GPH / PPH **Endurance** _____ Hr

Cruise TAS _____ MPH / KT **SE Cruise TAS** _____ MPH / KT