

Aircraft Performance Sheet

Name: _____

Date: _____

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

Provide W+B calculation for zero fuel, take-off and landing weights.

OAT _____ ° C, Airport Elevation _____ FT, Altimeter Setting _____ IN HG
Pressure ALT. _____ FT, Aircraft Weight _____ LBS, Wind _____ KTS

- Accelerate Stop Distance _____ FT
- Total Take off Distance to Clear a 50 ft Obstacle _____ FT
- Landing Distance to Clear a 50 ft Obstacle _____ FT

The altitude that we will be doing air work is _____ FT and the OAT is _____ ° C

- Density ALT. _____ FT
- The TIME to climb to above altitude _____ MIN
- The FUEL used to climb to above altitude _____ GAL
- One engine inoperative RATE OF CLIMB at departure and at the above altitude
_____/_____/_____ FPM

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

- BHP _____ Manifold Pressure _____ RPM _____ GPH _____
- TAS _____ KTS
- One engine inoperative absolute and service ceilings _____/_____ FT
- Total fuel required for this flight (1 hour) _____ GPH
- Endurance _____ hr