**Name: ­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Flight Worksheet**

**C:\Users\acer\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\WID70OQJ\MC900389882[1].wmfDirections:**

Fly your airplanes three times each and record the distance of each flight to the nearest foot as well as the amount of time it stayed in the air. Do the same for you modified plane designs. Take your three measurements for each design, add them together, and divide by three to get your average flight length and flight time.

|  |  |  |
| --- | --- | --- |
| **First Plane Design** | | |
| **Flight #** | **Length (ft)** | **Time (s)** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| **Average** |  |  |
|  |  |  |
| **Second Plane Design** | | |
| **Flight #** | **Length (ft)** | **Time (s)** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| **Average** |  |  |
|  |  |  |
| **Modified First Plane Design** | | |
| **Flight #** | **Length (ft)** | **Time (s)** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| **Average** |  |  |
|  |  |  |
| **Modified Second Plane Design** | | |
| **Flight #** | **Length (ft)** | **Time (s)** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| **Average** |  |  |