**AIRFLOW EXPERIMENT OBSERVATION SHEET**

**Experiment 1 and 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Distance from Exit Plane | Liners  Normal Configuration | Total Pressure | Static Pressure | Plenum Pressure | Atmospheric Datum |
| x | H/Ht | P | p | P0 |  |
| mm | - | mm | mm | mm | mm |
| 315 |  |  |  |  |  |
| 300 |  |  |  |  |  |
| 280 |  |  |  |  |  |
| 260 |  |  |  |  |  |
| 240 |  |  |  |  |  |
| 220 |  |  |  |  |  |
| 200 |  |  |  |  |  |
| 180 |  |  |  |  |  |
| 160 |  |  |  |  |  |
| 140 |  |  |  |  |  |
| 120 |  |  |  |  |  |
| 100 |  |  |  |  |  |
| 80 |  |  |  |  |  |
| 60 |  |  |  |  |  |
| 40 |  |  |  |  |  |
| 20 |  |  |  |  |  |
| 0 |  |  |  |  |  |

**Experiment 3**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Fan Speed | Fan Intake | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Hz | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm |
|  |  |  |  |  |  |  |  |  |  |  |