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| **INSTRUMENTATION** | | |
| **TASK** | **DATE DONE** | **COMMENTS** |
| PCB schematics finished |  |  |
| PCBs sent for manufacture |  |  |
| Baffle drawings finished |  |  |
| Baffles sent for manufacture |  |  |
| **BOM Finished** |  |  |
| * PCB components ordered |  |  |
| * Encapsulation purchased |  |  |
| * Optical filters purchased |  |  |
| **Initial SSM assembly** |  |  |
| **Initial sensor assembly** |  |  |
| * PCB assembly |  |  |
| * Encapsulation poured |  |  |
| * Baffle integration |  |  |
| * Optical filter integration |  |  |
| **SSM Integration** |  |  |
| * Heater control verification |  |  |
| * Stepper control verification |  |  |
| * Sensor data characterization |  |  |
| * + Temperature (digital) |  |  |
| * + Pressure |  |  |
| * + Humidity |  |  |
| * + Temperature (analog) |  |  |
| * + Stepper positioning |  |  |
| **Sensor Integration** |  |  |
| * System testing with SMA |  |  |
| * System testing with flourescien |  |  |