*Table 13 Targets and Metrics for “The Baby Detector”*

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| Metric # | Metric | Target | Units | Importance |
| 1 | Detects Minimum Passenger Weight | 5 | lbs | High |
| 2 | Initial Temperature Detection | 70 | ℉ | High |
| 3 | Critical Car Temperature | 84 | ℉ | High |
| 4 | Alert Tone to User | Level 5/10 | Sound/Vibration | Medium |
| 5 | Operate in Distance range | 100 - 200 | Meters | High |
| 6 | SOS Signal to Emergency Personnel | Yes | - | High |
| 7 | Displays Temperature Ranges | Yes | ℉ | Low |
| 8 | Power Source/Battery | 3 | Months | Medium |
| 9 | Detect - Alert Reaction Time | 1 | Second | Medium |
| 10 | Latency/Dormant Period | 4 | Minutes | Medium |
| 11 | Timer | Yes | Seconds | High |
| 12 | Display Passenger Vitals | Yes | - | Medium |
| 13 | Compatibility with Car Seat | No | - | High |
| 14 | Key Fob Height | 0.025 | Meters | Low |
| 15 | Key Fob Width | 0.040 | Meters | Low |
| 16 | Key Fob Length | 0.085 | Meters | Low |