

## MSD II Testing – Final Product Weight and Footprint

Team: P18347: Stroller with HVAC capability

Responsible Engineer: Team

### Purpose:

The purpose of this test is to measure the final product weight and the footprint of the stroller when collapsed and open.

### Engineering Requirement:

Requirement #	Importance	Metric	Unit	Ideal Value	Marginal Value
S1.d	3	Footprint of stroller open	ft	TBD	TBD

Requirement #	Importance	Metric	Unit	Ideal Value	Marginal Value
S1.e	3	Footprint of stroller collapsed	ft	TBD	TBD

Requirement #	Importance	Metric	Unit	Ideal Value	Marginal Value
S6.b	3	Final product weight	lb	35	15-50

### Materials:

- 1.) Stroller with heated seat
- 2.) Scale
- 3.) Tape measure

### Test Procedure:

- 1.) Open stroller with all components and record measured footprint
- 2.) Fully collapse stroller and record measured footprint
- 3.) Place completed stroller on scale and record measured weight

### Pass/Fail Criteria:

Pass	Fail
TBD	TBD

Pass	Fail
TBD	TBD

Pass	Fail
15 lbs ≤ Final product weight ≤ 50 lbs	Final product weight > 50 lbs

Completion Date: