

MSD II Testing – Ease of Movement of Stroller

Team: P18347: Stroller with HVAC capability

Responsible Engineer: Team

Purpose:

The purpose of this test is to ensure that the stroller is easy to move on various terrain with all components attached.

Engineering Requirement:

Requirement #	Importance	Metric	Unit	Ideal Value	Marginal Value
S5.d	9	Ergonomics for caretaker	N/A	0	0-5

Materials:

- 1.) Stroller with heated seat
- 2.) Different terrain (grass, snow, pavement)
- 3.) Several test volunteers

Test Procedure:

- 1.) Have each test subject move stroller on all terrains (grass, snow, pavement) around corners and all in directions with a weight in the seat (to simulate a baby)
- 2.) Record responses/opinions from each volunteer
- 3.) Do not preface the test with any information to the volunteers to influence their opinion

Pass/Fail Criteria:

Pass	Fail
TBD	TBD

Completion Date: