# Table of Contents

## Introduction ................................................................. 1
- About Ulrik
- LEGO Technic
- Danish Design
- About Mike
- MINDSTORMS Brainstorms
- Problem Solved!
- The Unintentional Projectile Launcher
- The Official Safety Test
- The Land of Forbidden LEGO
- Why this book?

## How to Build Great Things ............................................... 9
- How We Build at LEGO
- The Early Stages
- Back To Earth
- Durability, Assembly, and Correctness
- The Hero Model
- Master Versions
- Building Steps
- Great Designs Start with a Simple Idea
- Pick Your Idea
- Take Small Steps
- Keep Your Designs
- Don't Get Stuck
- Be Open
- A Few Words on Safety

## Project 1: Paper Plane Launcher (PPL) ............................. 17
- The Inspiration
- The Design
- LEGO Rules Broken
- Non-LEGO Parts Used
- 5, 4, 3, 2, 1, Liftoff!
- How it Works