

Modern Advancements in Long Range Shooting

Volume II

By Bryan Litz
with contributions from:
Nick Vitalbo and Cal Zant

Contents

INTRODUCTION	1
PART 1: RIFLE BULLET DISPERSION	5
Chapter 1: Understanding Dispersion	7
Chapter 2: Angular Group Convergence.....	33
PART 2: ADVANCED HAND-LOADING	81
Chapter 3: Bullet Trimming and Pointing.....	83
Chapter 4: Powder Measurement	117
Chapter 5: Flash Hole Deburring	135
Chapter 6: Neck Tension.....	141
Chapter 7: Fill Ratio.....	159
PART 3: GENERAL RESEARCH	171
Chapter 8: Performance Evaluation of Laser Rangefinders	173
Chapter 9: Rimfire Ammunition	195
Chapter 10: Aerodynamic Drag Modeling for Ballistics	217
Chapter 11: Advancements in Barrel Technology	237
REFERENCES	270
APPENDIX A: STATISTICS.....	271
APPENDIX B: BALLISTICS FORMULAS.....	280
APPENDIX C: LASER RANGEFINDER PERFORMANCE.	287
APPENDIX D: BULLET LIBRARY	310