Working with Adjusted Ranges

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&

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A Presentation to

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The presentation focuses contains tips for locating and securing range areas. In addition, MSF design guidelines and best practices are presented that may expedite the range recognition process. Important considerations such as obstacles, surface problems, surface composition and surrounding traffic are defined and discussed.



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SMSA Conference – 2006 – Austin, TX

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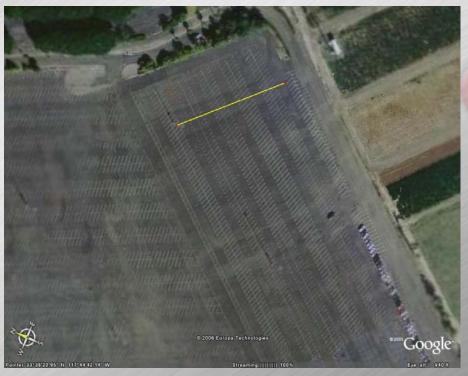
Overview •

Design guidelines and best practices that may help expedite the range recognition process.



Locating a potential range site

Google Earth







Locating a potential range site

- Suggestions
 - From RiderCoaches
 - From Students
 - Anyone!





Securing a Range

- Common leasing practices
- Negotiating
- Military partnerships



MSF Range Standards

- Full Size Range
 - 120 x 220 standard
 - Minimum run-out: 20 feet
 - Recommended run-out: 40 feet

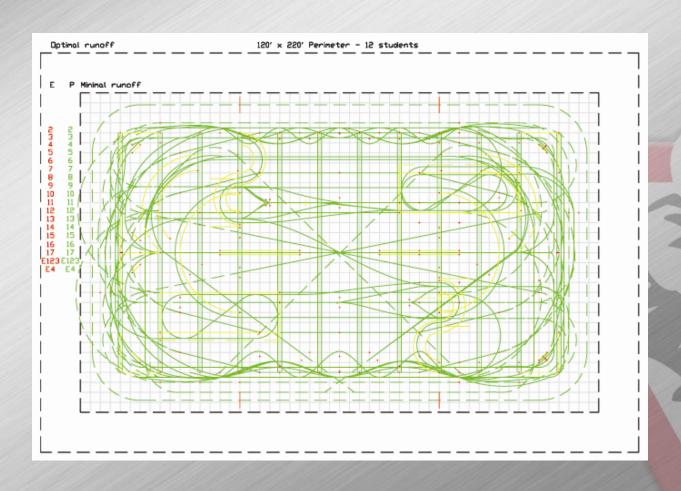


MSF Range Standards

- Adjusted Ranges
 - Samples available on RETSORG
 - Minimum run-out: 20 feet
 - Recommended run-out: 40 feet



Paths of travel for all exercises





Space guidelines for:

- ·Class size
- Path of Travel
- Ovals and curves
- Exercise Approach and Exit
- Weaves and Obstacle Boxes



Obstacles

Poles, curbs, planters







Surface Problems

Drains, Bumps, Cracks, Weeds

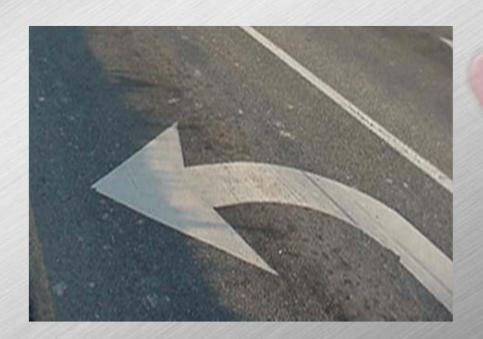






Surface Composition

Sealed or painted surfaces







Surrounding Traffic

- Motor Vehicles
- Pedestrians and animals







Range Layout Tools

- AutoCAD
- Drafting Templates
- RiderCoach Guide
 - Range Layout, pages 10-20
 - Principles for Using Adjusted Ranges, page 24



Range Recognition Process

- Forms
- Pictures
- Diagrams



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Creative Range Layouts

- Case Studies
- Exercise Specific Discussion



Summary

Designing an adjusted range is a complicated process with many variables that may affect recognition.



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Thank You!

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