



JoeProof

Challenge 6: Enhanced Breaching Tool

John McCaskey, Jared Pauling, Tom Cai,
Matt Friters, and Matt Wilcoxon

Situation: As Military Operations shift to the MOUT environment, initial entry has become more important. More efficient methods of door breaching have become essential to the war effort.

Mission: Design a lighter entry tool which is as effective in delivering a breaching force as a battering-style ram.

Ready To Use



Weight used to Wedge in
Door



Extended to Gain More
Leverage



PROTOTYPE DESIGN HIGHLIGHTS

- Easy to Use
- Uses the door against itself rather than brut force against the door
- Easy to Maintain and Durable
- Tactically Sound
 - Can be scaled to fit Tactical Situation

PROJECTED FINAL CAPABILITIES

- Interchangeable heads to different situations
- Ability to beach Class I,II,III and IV doors
- Complete Breaching System
 - Doors, Wire, and Carry System
- Tactical and Technical Solution