

# UFC 4-010-01 Security Engineering: Minimum Anti-Terrorism Standards for Buildings Briefing

## INTENT/PURPOSE

The intent of these standards is to minimize the possibility of mass casualties in buildings or portions of buildings owned, leased, privatized, or otherwise occupied, managed, or controlled by or for DoD. The intent is for new construction to comply and also to bring existing buildings into compliance with these standards over time as major investments are made in them or as leases are renewed such that eventually all inhabited DoD buildings comply with these standards.

## GENERAL SUMMARY STATEMENT

The philosophy of this standard's 21 elements is to build greater resistance to terrorist attack into all inhabited buildings. The standard is intended to provide the easiest and most economical methods to minimize injuries and fatalities in the event of a terrorist attack. The primary methods used in this standard are to maximize standoff distance, to construct superstructures to avoid progressive collapse and to reduce flying debris hazards.

## MAJOR TOPICS ADDRESSED

Design guidelines address the following areas:

1. Site Planning
  - a. Standoff Distances-Standard 1
  - b. Unobstructed Space-Standard 2
  - c. Drive-up/Drop-off Areas-Standard 3
  - d. Access Roads-Standard 4
  - e. Parking Beneath Buildings or on Rooftops.-Standard 5
2. Structural Design
  - a. Progressive Collapse Avoidance-Standard 6
  - b. Structural Isolation-Standard 7
  - c. Building Overhangs-Standard 8
  - d. Exterior Masonry Walls-Standard 9

3. Architectural Design
  - a. Windows and Skylights- Standard 10
  - b. Building Entrance Layout- Standard 11
  - c. Exterior Doors- Standard 12
  - d. Mail Rooms-Standard 13
  - e. Roof Access-Standard 14
  - f. Overhead Mounted Architectural Features- Standard 15
  
4. Electrical and Mechanical Design
  - a. Air Intakes- Standard 16
  - b. Mail Room Ventilation- Standard 17
  - c. Emergency Air Distribution Shutoff- Standard 18
  - d. Equipment Bracing-Standard 19
  - e. Under Building Access-Standard 20
  - f. Mass Notification-Standard 21



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