

UFS 4-027-01 contains Controlled Unclassified Information (CUI). Direct inquiries regarding this UFS to:

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OVERVIEW

This UFS supports physical security and force protection planning and design of deployed operational bases to protect personnel, assets, and infrastructure from terrorism and other deliberate man-made threats. The intended users of this UFS are engineers and planners responsible for project development and force bed down in the deployed environment. This UFS provides appropriate, effective, and economical protective designs to a level appropriate for project programming and provides commanders with the information they need to allocate resources. It covers minimum protection requirements and best practices applicable for temporary to semi-permanent facilities and infrastructure. The summary outline below is intended to guide potential inquiries regarding its scope.

SUMMARY OUTLINE

INTRODUCTION

Applicability

Regulatory or functional authorities

General building requirements

Cybersecurity

Security engineering UFC series

PLANNING AND REQUIREMENTS DEVELOPMENT

Timelines and construction level for deployed operational bases

Protective barriers

Access control point (ACP) planning considerations

Design strategies

Planning resources and reachback

MINIMUM AT DESIGN REQUIREMENTS

Site requirements

Additional requirements

BEST PRACTICE GUIDANCE – SITE SELECTION

Use of geographic information systems (GIS)

Site selection factors

BEST PRACTICE GUIDANCE – SITE LAYOUT DESIGN

General site layout considerations

Layout of perimeter

Layout of critical assets

Layout of utilities
Layout of occupied structures
Traffic control
Perimeter security

BEST PRACTICE GUIDANCE – PROTECTIVE CONSTRUCTION

Protection construction concepts
Integration of protective design and construction
Protection from vehicle-borne improvised explosive devices (VBIED)
Protection from moving vehicle threat
Protection from hand-held devices
Protection from indirect fire
Protection from direct fire
Protection from airborne contamination
Protection from waterborne contamination
Protection from forced and covert entry

BOMB MITIGATION GUIDE

Implementation/guidance for blast and fragment mitigation from VBIED
Barriers
Safe distances for structures from VBIED
Expeditionary structures
Window retrofits
Test series for blast data
Personnel vulnerability

FP REQUIREMENTS CHECKLIST