

1. Record Nr.	UNINA9910777377403321
Titolo	Aerospace operations in urban environments [[electronic resource] ] : exploring new concepts / / Alan Vick ... [et al.]
Pubbl/distr/stampa	Arlington, VA, : Rand, c2000
ISBN	0-8330-4391-9
Descrizione fisica	1 online resource (298 p.)
Altri autori (Persone)	VickAlan
Disciplina	355.4/26
Soggetti	Urban warfare Air warfare
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"MR-1187-AF"--P. 4 of cover.
Nota di bibliografia	Includes bibliographical references (p. 267-285).
Nota di contenuto	<p>           ""PREFACE""; ""PROJECT AIR FORCE""; ""FIGURES""; ""TABLES""; ""SUMMARY""; ""KEY FINDINGS""; ""THE NEED FOR IMPROVED URBAN OPERATIONAL CAPABILITIES""; ""NEW CONCEPTS""; ""NEXT STEPS""; ""ACKNOWLEDGMENTS""; ""ABBREVIATIONS AND ACRONYMS""; ""INTRODUCTION""; ""BACKGROUND""; ""HOW LIKELY ARE URBAN OPERATIONS?""; ""THE NATURE OF URBAN MILITARY OPERATIONS""; ""From Rubble to Routine""; ""Redefining Warfare, Not Service Roles""; ""PURPOSE""; ""ORGANIZATION""; ""USING AEROSPACE POWER TO PREVENT THE URBAN FIGHT""; ""INTRODUCTION""; ""HOW AEROSPACE POWER CAN FORESTALL URBAN OPERATIONS""         </p> <p>           ""Anatomy of an Urban Military Operation""""Comparative Advantages of Aerospace Power""; ""Preclusion Strategies""; ""WHERE PRECLUSIONARY STRATEGIES MAY HAVE WORKED""; ""Al Khafji""; ""Kuwait City""; ""Southern Lebanon""; ""WHERE AEROSPACE POWER FAILED TO PREVENT URBAN COMBAT""; ""Lessons Learned""; ""The Second Chechen Battle""; ""WHEN CIRCUMSTANCES LEAVE NO CHOICE""; ""As a Tool for Joint Force Commanders""; ""The Limits of Aerospace Power in Urban Operations""; ""SUMMARY""; ""LEGAL AND POLITICAL CONSTRAINTS ON URBAN AEROSPACE OPERATIONS""; ""INTRODUCTION""         </p> <p>           ""LEGAL CONSTRAINTS ON URBAN AEROSPACE OPERATIONS""""Reciprocal Legal Duties and the Defender's Obligations""; ""The International Legal Challenges of Urban Environments""; ""POLITICAL CONSTRAINTS ON URBAN OPERATIONS""; ""Sensitivity to American         </p>

Casualties"; "Sensitivity to Collateral Damage and Civilian Suffering";  
"RESTRICTIVE RULES OF ENGAGEMENT AND TARGETING"; "THE  
ASYMMETRY OF CONSTRAINTS"; "CONCLUSION"; "AEROSPACE  
OPERATIONS AND THE URBAN PHYSICAL ENVIRONMENT";  
"INTRODUCTION"; "THE NATURE OF URBAN TERRAIN"; "Urban  
Terrain Zones and Their Characteristics"  
"Air Defenses on Urban Terrain""SURVEILLANCE AND  
RECONNAISSANCE IN THE URBAN ENVIRONMENT"; "Sensor Cueing in  
the Urban Environment and a New Cueing Concept"; "Target  
Identification/Tracking in the Urban Environment"; "EO Sensors Versus  
Targets on Rooftops and in Streets"; "EO Sensors Versus Targets  
Inside Buildings"; "AERIAL WEAPON DELIVERY IN THE URBAN  
ENVIRONMENT"; "Aerial Weapon Trajectories and the Geometry of  
Urban Terrain"; "Weapon Effects and Urban Terrain"; "AIRLIFT IN  
URBAN ENVIRONMENTS"; "CONCLUSIONS"  
"NEW CONCEPTS FOR ACCOMPLISHING KEY TASKS IN URBAN  
OPERATIONS""INTRODUCTION"; "STOP MOVEMENT OF COMBATANTS,  
VEHICLES, AND EQUIPMENT"; "PROVIDE RAPID, HIGH-RESOLUTION  
IMAGERY FOR TARGET ID"; "DETECT AND NEUTRALIZE ADVERSARY  
AMBUSH POSITIONS"; "DETECT AND NEUTRALIZE SNIPERS";  
"MONITOR HIGH-PRIORITY TARGETS"; "RESUPPLY ISOLATED FRIENDLY  
GROUND FORCES"; "PROVIDE CLOSE SUPPORT FOR GROUND FORCES";  
"THE ROLE OF THE JOINT CONTROL CENTER"; "ENABLING  
TECHNOLOGIES FOR URBAN AEROSPACE OPERATIONS";  
"INTRODUCTION"  
"THREE-DIMENSIONAL MODELING OF THE URBAN ENVIRONMENT Key  
Functions and the Scope of Air Force Involvement"

---