

# Reconnaissance and Cavalry Troop

## Contents

	Page
<b>PREFACE</b> .....	<b>xii</b>
<b>INTRODUCTION</b> .....	<b>xiv</b>
<b>Chapter 1 OVERVIEW</b> .....	<b>1-1</b>
<b>Section I – The Operational Environment (OE)</b> .....	<b>1-2</b>
Variables of the OE .....	1-2
Cultural Awareness .....	1-2
Operational Considerations .....	1-3
Threat Tactics, Techniques, and Procedures (TTP) .....	1-5
<b>Section II – ISR and the Reconnaissance and Cavalry Troop</b> .....	<b>1-6</b>
ISR Fundamentals .....	1-6
Role of the Reconnaissance and Cavalry Troop .....	1-6
<b>Section III – Troop Organization</b> .....	<b>1-7</b>
General Capabilities and Limitations .....	1-7
ACR Cavalry Troop .....	1-8
HBCT Reconnaissance Troop .....	1-11
IBCT Motorized Reconnaissance Troop .....	1-13
IBCT Dismounted Reconnaissance Troop .....	1-15
SBCT Reconnaissance Troop .....	1-17
BFSB Reconnaissance Troop .....	1-19
<b>Section IV – Troop Missions</b> .....	<b>1-21</b>
<b>Section V – Integration of Troop Sensors</b> .....	<b>1-22</b>
Reconnaissance Management .....	1-22
Organic Sensors .....	1-23

---

**DISTRIBUTION RESTRICTION:** Distribution authorized to U.S. government agencies and their contractors only to protect technical or operational information that is for official government use. This determination was made on 19 June 2005. Other requests for this document will be referred to Commander, U.S. Army Armor Center, ATTN: ATZK-TDD-C, Building 1002, 204 1<sup>st</sup> Cavalry Regiment Road, Fort Knox, Kentucky 40121-5123.

**DESTRUCTION NOTICE:** Destroy by any method that will prevent disclosure of contents or reconstruction of the document.

---

\* This publication supersedes FM 3-20.971, 23 December 2002, and FM 17-97, 3 October 1995.

<b>Chapter 2</b>	<b>COMMAND AND CONTROL .....</b>	<b>2-1</b>
	<b>Section I – Introduction .....</b>	<b>2-1</b>
	Definition of C2.....	2-1
	Decisionmaking.....	2-1
	Intelligence Preparation of the Battlefield (IPB).....	2-2
	<b>Section II – Command .....</b>	<b>2-4</b>
	Elements of Command .....	2-4
	Understand, Visualize, Describe, and Direct.....	2-4
	Mission Command .....	2-7
	<b>Section III – Control .....</b>	<b>2-7</b>
	Elements of Control .....	2-7
	Plan.....	2-8
	Prepare .....	2-10
	Execute .....	2-10
	<b>Section IV – Components of the Command and Control System.....</b>	<b>2-11</b>
	The Commander .....	2-11
	Command and Control System.....	2-12
	Relationships and Responsibilities .....	2-17
<b>Chapter 3</b>	<b>RECONNAISSANCE OPERATIONS.....</b>	<b>3-1</b>
	<b>Section I – Introduction .....</b>	<b>3-1</b>
	Reconnaissance and Cavalry Units in Combat Roles.....	3-1
	Techniques of Reconnaissance.....	3-2
	Methods and Assets .....	3-2
	Reconnaissance in Stability Operations .....	3-4
	Actions on Contact.....	3-5
	<b>Section II – Fundamentals of Reconnaissance .....</b>	<b>3-6</b>
	<b>Section III – Commander’s Reconnaissance Planning Guidance .....</b>	<b>3-7</b>
	Focus .....	3-7
	Tempo.....	3-8
	Engagement Criteria.....	3-9
	<b>Section IV – Forms of Reconnaissance.....</b>	<b>3-9</b>
	Zone Reconnaissance .....	3-9
	Area Reconnaissance.....	3-17
	Route Reconnaissance.....	3-22
	Reconnaissance in Force .....	3-27
	<b>Section V – Reconnaissance Handover (RHO).....</b>	<b>3-28</b>
	Planning .....	3-28
	Preparation.....	3-29
	Execution .....	3-29
<b>Chapter 4</b>	<b>SECURITY OPERATIONS.....</b>	<b>4-1</b>
	<b>Section I - Introduction.....</b>	<b>4-1</b>
	Security Planning Guidance.....	4-1
	The Troop’s Role in Security.....	4-2
	Security in Stability Operations .....	4-3
	Definitions .....	4-3

	<b>Section II – Fundamentals of Security Operations .....</b>	<b>4-3</b>
	<b>Section III – Forms of Security .....</b>	<b>4-4</b>
	Screen .....	4-4
	Guard .....	4-24
	Cover .....	4-27
	Area Security .....	4-29
	Route Security .....	4-31
	Convoy Security .....	4-32
	Local Security .....	4-35
<b>Chapter 5</b>	<b>CAVALRY TROOP OFFENSIVE AND DEFENSIVE OPERATIONS .....</b>	<b>5-1</b>
	<b>Section I – Offense .....</b>	<b>5-2</b>
	Purpose and Fundamentals .....	5-2
	Movement to Contact .....	5-2
	Hasty Attack .....	5-8
	Deliberate Attack .....	5-13
	Raid .....	5-14
	<b>Section II – Defense.....</b>	<b>5-19</b>
	Purpose .....	5-19
	Operational Principles .....	5-19
	Defensive Schemes of Maneuver .....	5-23
	Defend from a Troop Battle Position .....	5-23
	Defend a Troop AO .....	5-25
	Delay in a Troop AO .....	5-32
<b>Chapter 6</b>	<b>OTHER TACTICAL OPERATIONS .....</b>	<b>6-1</b>
	<b>Section I – Movement.....</b>	<b>6-1</b>
	Tactical Movement Formations .....	6-2
	Tactical Road March .....	6-5
	<b>Section II – Infiltration and Exfiltration.....</b>	<b>6-6</b>
	Infiltration .....	6-6
	Exfiltration .....	6-11
	<b>Section III – Assembly Areas .....</b>	<b>6-12</b>
	Site Selection.....	6-12
	Quarterming Party .....	6-13
	Occupation .....	6-13
	Security.....	6-14
	Departure.....	6-15
	<b>Section IV – Linkup Operations .....</b>	<b>6-15</b>
	Forms of Linkup.....	6-15
	Planning Considerations .....	6-15
	Preparation .....	6-16
	Execution .....	6-16
	<b>Section V – Relief in Place.....</b>	<b>6-16</b>
	Methods of Relief in Place.....	6-17
	Planning Considerations .....	6-17
	Transfer of Authority and Continuity Book .....	6-19

Training During Relief Operations .....	6-19
<b>Section VI – Passage of Lines during Battle Handover .....</b>	<b>6-20</b>
Critical Tasks.....	6-20
Planning Considerations .....	6-21
Graphic Control Measures.....	6-22
Troop Considerations.....	6-24
<b>Section VII – Chemical, Biological, Radiological, and Nuclear (CBRN)</b>	
<b>Defense .....</b>	<b>6-25</b>
CBRN Defensive Principles .....	6-26
Use of Obscurants .....	6-27
<b>Section VIII – Cordon and Search .....</b>	<b>6-27</b>
Task Organization.....	6-27
Initiating the Cordon and Search .....	6-28
Conducting the Search .....	6-30
<b>Chapter 7 ENABLERS .....</b>	<b>7-1</b>
<b>Section I – Employ Indirect Fires .....</b>	<b>7-2</b>
Fires Assets and Capabilities .....	7-2
Target Acquisition .....	7-6
Fires Planning and Coordination .....	7-6
Close Air Support Operations .....	7-8
<b>Section II – Army Aviation Support.....</b>	<b>7-9</b>
Organization.....	7-9
Principles of Aviation Employment.....	7-9
Planning Considerations .....	7-9
Aviation Missions .....	7-10
Attack Operations .....	7-10
Attack Reconnaissance Support.....	7-16
Assault (Utility) and Cargo (Lift) Helicopter Support.....	7-17
<b>Section III – Engineer Support.....</b>	<b>7-18</b>
Engineer Reconnaissance Team.....	7-18
Support Capabilities.....	7-18
Support to Reconnaissance and Security Operations.....	7-20
Other Support Considerations .....	7-21
<b>Section IV – Intelligence.....</b>	<b>7-22</b>
Troop Intelligence Operations.....	7-22
Human Intelligence (HUMINT).....	7-24
Counterintelligence (CI) Team.....	7-25
<b>Section V – Civil Affairs Support.....</b>	<b>7-25</b>
Civil Affairs Missions .....	7-25
Civil Affairs Team.....	7-26
<b>Section VI – Tactical Psychological Operations (PSYOP) Support.....</b>	<b>7-27</b>
Tactical PSYOP Team (TPT).....	7-27
PSYOP Functions .....	7-27
PSYOP Capabilities .....	7-28
<b>Section VII – Air and Missile Defense (AMD) Support .....</b>	<b>7-28</b>

	Passive Air Defense .....	7-28
	Active Air Defense .....	7-29
	Air Defense Command and Control .....	7-29
	<b>Section VIII – Chemical, Biological, Radiological, and Nuclear (CBRN)</b>	
	<b>Support .....</b>	<b>7-30</b>
	Squadron and Troop Assets.....	7-30
	Decontamination Support.....	7-30
	Reconnaissance Support .....	7-30
	Obscuration Support .....	7-30
<b>Chapter 8</b>	<b>SUSTAINMENT .....</b>	<b>8-1</b>
	<b>Section I – Introduction.....</b>	<b>8-2</b>
	Sustainment Functions .....	8-2
	Sustainment Imperatives .....	8-2
	Supply Classes.....	8-3
	<b>Section II – Organization .....</b>	<b>8-4</b>
	Troop Trains .....	8-4
	Squadron Trains .....	8-4
	BCT Sustainment Organizations .....	8-5
	BFSB Sustainment Organization (Field Maintenance Team) .....	8-7
	ACR Sustainment Organization (Cavalry Squadron HHT).....	8-7
	<b>Section III – Sustainment Planning.....</b>	<b>8-8</b>
	Sustaining Reconnaissance Operations .....	8-8
	Sustaining Security Operations .....	8-9
	Supporting Attachments and Detachments.....	8-9
	Communications.....	8-9
	Reporting .....	8-10
	<b>Section IV – Logistics Package (LOGPAC) Operations .....</b>	<b>8-10</b>
	Supply Routes .....	8-10
	LOGPAC Planning.....	8-10
	LOGPAC Resupply.....	8-11
	LOGPAC Survivability .....	8-12
	<b>Section V – Troop Resupply Operations.....</b>	<b>8-13</b>
	Resupply Site Selection .....	8-13
	Resupply Methods.....	8-13
	<b>Section VI – Maintenance .....</b>	<b>8-18</b>
	Field Maintenance Organization.....	8-18
	Battle Damage Assessment and Repair (BDAR).....	8-18
	Recovery and Evacuation .....	8-19
	Communications Security Maintenance.....	8-19
	Contractor/Federal Civilian Maintenance Support .....	8-19
	<b>Section VII – Field Services .....</b>	<b>8-19</b>
	<b>Section VIII – Army Health System Support .....</b>	<b>8-20</b>
	Role 1 Medical Support .....	8-20
	Force Health Protection.....	8-24
	<b>Section IX – Explosive Ordnance Disposal (EOD) .....</b>	<b>8-27</b>

Appendix A	TROOP-LEADING PROCEDURES .....	A-1
	Section I – General.....	A-1
	Section II – Steps of Troop-Leading Procedures .....	A-1
Appendix B	ORDERS AND REPORTS .....	B-1
	Section I – Orders .....	B-1
	Section II – Reports .....	B-7
Appendix C	COMMAND POST OPERATIONS .....	C-1
	Section I – Command Post Activities .....	C-1
	Section II – Communications Architecture .....	C-4
	Section III – Standing Operating Procedures Considerations .....	C-7
Appendix D	DIGITAL SYSTEMS.....	D-1
	Section I – The Tactical Internet and FBCB2 .....	D-1
	Section II – Operational Considerations.....	D-3
	Section III – Capabilities and Limitations .....	D-5
	Section IV – Duties and Responsibilities .....	D-6
	Section V – Digital Versus Radio Voice Operations.....	D-8
Appendix E	URBAN OPERATIONS .....	E-1
	Section I – Introduction .....	E-1
	Section II – Fundamentals of Urban Operations .....	E-8
	Section III – Planning for Reconnaissance in Urban Environments.....	E-9
	Section IV – Execution of Urban Operations .....	E-15
Appendix F	SITE EXPLOITATION .....	F-1
	Section I – Purpose of Site Exploitation.....	F-1
	Section II – SE Planning and Organization .....	F-2
	Section III – SE Execution .....	F-8
	Section IV – Tactical Questioning .....	F-9
Appendix G	SNIPER EMPLOYMENT .....	G-1
	Section I – Sniper Operations.....	G-1
	Section II – Sniper Teams .....	G-6
Appendix H	IMPROVISED EXPLOSIVE DEVICES .....	H-1
	Section I – The IED Threat.....	H-1
	Section II – IED Characteristics .....	H-2
	Section III – Troop Planning Considerations .....	H-6
Appendix I	FRATRICIDE PREVENTION AND COMBAT IDENTIFICATION .....	I-1
	Section I – Definitions .....	I-1
	Section II – The Role of Training .....	I-1
	Section III – Effects of Fratricide .....	I-2
	Section IV – Causes of Fratricide.....	I-2
	Section V – Fratricide Prevention Principles and Procedures.....	I-4
	Section VI – Stopping a Friendly Fire Incident .....	I-7