# CONTENTS MINIT MINIS SOME SOMEONET

Pre	face	Reflective Thinking	xiii
Abo	out the Authors		xvii
91	Justification (Logical Reasonine)		
29	50.1 11. 41.		
61	Defining Intelligence Analysis		. 1
	Introduction	Evaluation	-
	What Is Intelligence?		2
	What Is Intelligence Analysis?		2 3 3 4
	Origins		3
	Differences		3
	Commonalities	Blas	4
	Starting with Analysis Requirements		4
	Descriptive Requirements		
	Explanatory Requirements		5
	Anticipatory Requirements		5 5 6 7 8
	Crime Analysis		7
	Military Intelligence Analysis		8
	Homeland Security Problem Set		9
	The Hybrid Threat		10
	Practical Exercise		11
	Chapter Summary		II
	- Executive Summary and Introduc		
1	TI 1 11: C 1		12
2	The Intelligence Cycle		13
	Introduction		13
	Analysis Is a Single Part of the Cycle		14
	The Intelligence Cycle		14
	Cycle Phases		15
	Practical Exercise		19
	Chapter Summary		22

3	Thinking about Thinking	25
	Introduction Problem Solving Critical Thinking Reflective Thinking	25 25 26 27
	Dewey Sequence Problem Solving	27
	Practical Exercise Higher-Order Thinking	29 29
	Analysis Analysis	29
	Evaluation	30
	Creating Cognitive Factors that Affect Thinking Quality	31
	Complexity	31
	Uncertainty	32
	Bias Subject Matter Expertise	33 33
	Chapter Summary	34
4	Perception and Deception	37
	Introduction allowers A consolitated and application	37
	Perception Practical Exercise	38 38
	Misperception	38
	Deception Personal (Self) Deception	40
	How to Deceive	44
	Barton Whaley's 10-Step Deception Process	44
	How to Detect Deception Finding Patterns of Congruity and Incongruity (Scientific Method)	47
	The Plus or Minus Rule	51
	The Congruity/Incongruity Rule and the Analyst's Advantage	52
	Chapter Summary	53
5	Knowing Your Audience	55
	Introduction	55
	Identify and Write for Your Audience	56

	Choosing Your Supporting Evidence Statistics Factual Examples Expert Opinions Organizing Information for the User Findings Intelligence Assessments Foundational Evidence Justification (Logical Reasoning) Chapter Summary	57 58 59 60 60 65 66 68
6	Analytical Communication	73
	Introduction Basic Workings of Analytical Communication Communication Preparation Communication Execution Product Writing Style Clarity Succinctness Precision	73 73 74 74 75 76 76 77
	Briefings	78
	Using Product Templates Sample Product Template Practical Exercise	78 79 80
	Mastering the BLUF Format Title Executive Summary and Introduction Background Applysis	80 81 81 82 82 83 83
	Product Visuals Text Boxes Analytical Communications Checklist Chapter Summary	84 85 86 87
	Chapter Julillary	0/

7	Defining the Problem	91
	Introduction Multiple Contingency Situations Brainstorming Contingencies Problems with Some Definitions Taxonomy of Problem Types Practical Exercise Chapter Summary	91 91 92 95 96 99
8	Generating the Hypothesis	103
	Introduction Simple Process to Generate a Hypothesis Situational Logic Applying Theory Historical Comparison Choosing between Strategies Dealing with Multiple Hypotheses Strategies for Choosing among Com Chapter Summary	103 104 105 108 109 110 110 112 114
	Introduction	
9	The Collection Process	117
	Collection Planning Selecting Sensors and Sources Limitations on Collections Collection Sources and Disciplines People Physical Objects Emanations Documents/Records Special Sources Collection Operations Tipping and Cuing	117 118 118 121 122 123 125 125 125 125 126 126
	Redundancy	127

	Mix Integration Small Element Collection Managemen		127 127 128
	Developing an Open Source Collection Pla		128 131
0	Analytical Tradecraft		135
	Pattern Recognition Techniques		135 136 139 139 141 141
	Social Network Analysis Geospatial Analysis Cost-Benefit Analysis (CBA) Diagnostic Techniques Contrarian Techniques Imaginative Thinking Techniques Choosing a Suitable SAT		143 148 150 153 161 166 173
121	Chapter Summary		174
11	Cognitive Traps for Intelligence Analysi	Creating an Analytical Plan	185
	vvrong Analogy		185 186 187 187 188 190
	Organizational Culture Avoiding Cognitive Traps Recognizing the Patterns Properly Framing Problems Leveraging Other Perspectives Structured Analytic Techniques (SATs Chapter Summary	Allocating Resources and Sched Processing and Exploitation Analysis Phase Allocating Resources and Sched Production and Dissemington to Chapter Summary	191 191 193 195 196 198

12	Probability Estimation	201
	Introduction Analytical Applications to Probability Assessment Probability Reliability and Credibility of Sources	201 202 202 204 205
	Simple Inference Theoretical Probability	205
	Experimental Probability	207
	Conditional Probability	207 208
	Calculating Risk of Terrorist Attack Historical Application	208
	A More Contemporary Application	200
	Crime Probabilities	211
	Probability in Solving Crime Probability and Law Enforcement Policy	211
	To als for Coloridation Brokehility	215
	Event Trees	216
	Probability Trees	217
	Calculating Probability Distribution/Density Using Excel	217 221
	Practical Exercise Chapter Summary	222
	Chapter Summary	THE
13	Creating an Analytical Plan	229
	Introduction	229
	Initial Appraisal	230 233
	Practical Exercise Exercise Scenario	233
	Identifying and Prioritizing the Intelligence Gaps	235
	Developing the Collection Plan	237
	Allocating Resources and Schedule Development	239
	Processing and Exploitation	239
	Analysis Phase	240 240
	Allocating Resources and Schedule Development Example	240
	Production and Dissemination Chapter Summary	243

14	Preparing and Conducting Intelligence Briefings	247
	Introduction Briefings in Law Enforcement and Business Responsibilities of Intelligence Analysts Preparation of Briefing Slides Roles and Relationships Practicing Your Briefing Body Positioning Types of Briefs Summary and Review	247 251 251 252 257 259 259 260 262
15	Best Practices eaglest and a second of the s	263
	Introduction	263
	ICD 203's List of Nine Standards	264
	Properly Describe Quality and Reliability of Underlying Sources Guidance to Better Describe Quality and Credibility	265
	of Underlying Sources	265
	Practical Exercise	266
	Properly Caveat and Expresses Uncertainties or Confidence	2//
	in Analytic Judgments  Guidance to Ensure Explanation and Expression of Uncertainties	266
	or Confidence in Analytic Judgments	267
	Properly Distinguish between Underlying Intelligence and Analysts'	
	Assumptions and Judgments	268
	Guidance on How to Properly Distinguish between Underlying	4.12
	Intelligence and Analytical Assumptions and Judgments	268
	Incorporate Alternative Analysis Where Appropriate	268
	Guidance on How to Incorporate Alternative Analysis	269
	Where Appropriate Demonstrate Customer Relevance and Addresses Implications	271
	Guidance on How to Ensure Customer Relevance and Addresses	2/1
	Implications	271
	Use Logical Argumentation	272
	Guidance on Using Logical Argumentation	272
	Exhibit Consistency of Analysis over Time, or Highlights Changes	
	and Explains Rationale	274
	Guidance on Consistency of or Explaining Changes to Analytical Judgments	275
	IUUEIIIUU	Ant J

	Make Accurate Judgments and Assessments  Guidance on Making Accurate Judgments and Assessments	276 276
	Incorporate Effective Visual Information Where Appropriate Guidance on Incorporating Effective Visual Information	277
	Where Appropriate Chapter Summary	277 278
16	Operations Security (OPSEC)	283
	Introduction The Foundation of ORSEC	283 284
	OPSEC Process	284
	Intelligence vs. Counterintelligence Enforcing OPSEC	286 288
	Open Source Information (OSINT) and Its Effect on OPSEC In a Perfect World	289 291
	Nuts and Bolts	293
	Practical Exercise	297 299
	Chapter Summary	300
260	Analytic Judgments strategy and	
nde	Guidance to Ensure Explanation and Expression of Uncertainties and X9  or Confidence in Analytic Judgments	303