CONTENTS

\	List of Tables
	About the Authorx
	About the Technical Reviewer xi
	Acknowledgmentsx
	Preface
chapter 1	Spybotics Overview
\	Spybot Introduction
\	Spybotics System Requirements
\	Installing the Spybotics Software
\	Connecting Your Spybot to Your Computer
	Summary
chapter \supseteq	Spybot Mechanical Systems Training 11
	Common Spybot Features
	The Battery Compartment
	The Touch Sensor
	The Drive Motors
	Determining Spybot Speed and Strength
	Measuring Circles
	Speed and Wheel Size
	Spybot Gear Trains
	Calculating Spybot Speed

	Snaptrax S45 Features	
	Gigamesh G60 Features	
	Technojaw T55 Features	. 31
	Shadowstrike S70 Features	
	Summary	. 33
chapter 3	Spybot Electronic Systems Training	35
	Using the Spybot Status Screen and Technical Manual .	. 36
	Identifying the Spybot Electronic Systems	. 39
	Spybot Brick Pushbuttons	. 40
	Spybot Indicator Lights	. 42
	Handheld Controller/Beacon Modes	
	Link Mode	
	Remote Control Mode	
	Infrared Range Finding	
	Spybot Data Port, Light Sensor, and Laser Port	
	Calibrating the Light Sensor	
	Spybot Default Program	
	Summary	. 57
chapter	Spybot Construction and Care	
	Organizing Your Workspace	. 60
	Accessing the Assembly Instructions	. 60
	Assembly Instruction Tips and Tricks	. 62
	Parts Lists and Diagrams	. 64
	Getting Parts Ready for Assembly	. 65
	Identifying Technic Pegs	. 65

	Choosing Among Battery Alternatives	7C
	Storing Your Spybot	72 73 74 75
chapter 5	Spybotics Agent Communications	77
	Spybot Mission Summary	78
	Spybot Status Screen	
	Spybotics Agent Points Screen	84
	Registering and Connecting with S.M.A.R.T	87
	Exchanging Custom Missions with Friends	92
	Summary	92
chapter 6	Mission Selection Guide	93
	Basic Mission Profiles	94
	Mission Area Setup Requirements	95 96 96

	Understanding the Mission Screens	97
	The Mission Board Screen	. 100
	The Mission Brief Screen	. 100
	The Mission Set-Up Screen	. 102
	The Mission Settings Screen	. 104
	The Download Screen	. 106
	Mission Summaries	. 107
	Circuit Breaker: One Agent, Two Spybots	. 109
	Command Override: One Agent, One Spybot	. 113
	Critical Countdown:	
	One or More Agents, Two or More Spybots	. 116
	Energy Crisis: One Agent, One Spybot	. 121
	Face Off: Two Agents, Two Spybots	. 124
	Gamma Overload: One Agent, One Spybot	. 128
	Laser Maze: One Agent, One Spybot	. 132
	Robot Rescue: One Agent, Two Spybots	. 136
	The Mole: One or Two Agents, Two Spybots	. 139
	X-Factor: Two Agents, One Spybot	. 143
	Summary	. 146
chapter 7	Mission Customization Guide	147
	Introducing Spybotics Special Operations	. 148
	Programming the Controller	. 154
	Magazines and Capsules	. 156
	Assigning Action Capsules to the Controller	. 156
	Testing the Controller Settings	. 160
	Experimenting with Movement Capsules	. 161
	Programming the Spybot	. 164
	Decoding the Strategies in the Spybot Settings	. 167
	Moving Toward a Target	. 169
	Completing the Mission Strategy Screens	172

	Programming a Free Agent Mission	. 174
	Free Agent Operation Settings	. 175
	Free Agent Mission Brief: Under Pressure	. 177
	Free Agent Points Magazine	. 178
	Free Agent Program Magazine	. 179
	Using the Program Capsules to Manage Strategies	. 180
	Running the Under Pressure Operation	. 184
	Increasing Free Agent Mission Difficulty	. 185
	Customizing Your Mission Area	. 185
	Summary	. 186
Appendix	Mission-Specific Capsule	
	Cross-Reference	187
	Decoding the Tables	. 187
	Special Abilities Capsules	. 189
	Send To Target Capsules	. 189
	Mission Specific Capsules	. 189
	Table A-1: Special Abilities Capsules by Mission and Profile Cross-Reference	. 190
	Table A-2: Send To Target Capsules by Mission and Profile Cross-Reference	. 192
	Table A-3: Mission Specific Capsules	