

Death Rays,
Jet Packs,
Stunts &
Supercars



The
Fantastic
Physics of
Film's Most
Celebrated
Secret
Agent

BARRY PARKER

Contents

Acknowledgments vii

Introduction ix

CHAPTER 001

Bond for Beginners 1

CHAPTER 002

Wow, What a Stunt! 27

CHAPTER 003

Death Rays and Ghosts 55

CHAPTER 004

How'd They Do That?: Amazing Devices 73

CHAPTER 005

Bond's Gadgets and Gizmos 98

CHAPTER 006

The Incredible Bond Cars 124

CHAPTER 007

The Race Is On: Car Chases 140

CHAPTER 008

Bond in Space 157

CHAPTER 009

Nuclear Weapons and Reactors 180

CHAPTER 010

Water Sports and Guns 201

Appendix 215

Bibliography 223

Index 225

"Offers an entertaining and penetrating look at the James Bond phenomenon by exploring the technical and scientific aspect of stunts and gadgets seen in the movies. This is a unique book James Bond fans will not want to miss."

—Alain Hache,
author of *The Physics of Hockey*

THE JOHNS HOPKINS UNIVERSITY PRESS

Baltimore • www.press.jhu.edu

ISBN 0-8018-8248-6



9 780801 882487

90000

