

## C4 June 2013 Leaked Paper

Gas Explosion Handbook provides an overview of the latest research on gas explosion hazards within the oil and gas industry, and is the only book which focuses specifically on gas explosions. The book is informed by the author's long experience in safety consulting, supporting his findings with examples and case studies. This useful resource reviews all relevant scientific and technical work performed in the field, and presents important lessons on release phenomena, dispersion processes, ignition sources and their properties, explosion processes and phenomena, blast waves, modeling of release, dispersion and explosion, hazardous area classification, and probabilities of release and ignition. The current regulatory frameworks, both onshore and offshore, from several countries are also reviewed, together with national and international standards supporting these regulations. The book is suitable for those new to the area as well as experienced professionals.

Provides an overview of the latest research on gas explosion hazards within the oil and gas industry  
Designed to prevent accidents, injury, loss of life, and capital damage  
Includes onshore and offshore International regulatory standards  
Features the different type of models for gas explosions, and provides guidance as to which model is appropriate to a situation  
Covers tactics for conducting gas explosion safety studies, considering ventilation, gas dispersion and gas explosions for traditional platform constructions, FPSO's, and FLNG's

The 2010 release of US embassy diplomatic cables put WikiLeaks into the international spotlight. Revelations by the leaks sparked intense debate within international diplomacy, journalism and society. This book reflects on the implications of WikiLeaks across politics and media, and on the results of leak journalism and transparency activism.

This volume examines the phenomenon of fake news by bringing together leading experts from different fields within psychology and related areas, and explores what has become a prominent feature of public discourse since the first Brexit referendum and the 2016 US election campaign. Dealing with misinformation is important in many areas of daily life, including politics, the marketplace, health communication, journalism, education, and science. In a general climate where facts and misinformation blur, and are intentionally blurred, this book asks what determines whether people accept and share (mis)information, and what can be done to counter misinformation? All three of these aspects need to be understood in the context of online social networks, which have fundamentally changed the way information is produced, consumed, and transmitted. The contributions within this volume summarize the most up-to-date empirical findings, theories, and applications and discuss cutting-edge ideas and future directions of interventions to counter fake news. Also providing guidance on how to handle misinformation in an age of "alternative facts", this is a fascinating and vital reading for students and academics in psychology, communication, and political science and for professionals including policy makers and journalists.

This book reflects decades of the author's experience as a research scientist and lab manager providing industry clients, manufacturers, product developers, marketing and distribution organisations with data to answer queries regarding product quality concerns, variability, runnability, convertibility and printability. The basic principles underlying the various testing methods are used to illustrate how their interrelationships lead to validated findings and solving problems. This book covers the basic accepted standard industry mechanical tests supplemented by ultrasonic methods applied to examples of commercial and laboratory handsheet sample sets, presenting the testing technique, data and analysis. Focus is concentrated on the tests that are most frequently required, such as tensile and compression strengths, stiffness for papers and corrugated board, and relevant water absorption characteristics. It is aimed at the interested paper industry technologist or researcher at an introductory level who wishes to establish a fundamental understanding of what the physical testing results mean, how to avoid common pitfalls and most importantly, how to interpret the results from a paper physics point-of-view.

This Tennessee Comprehensive Driver License Manual has been divided into three (3) separate sections. The purpose of this manual is to provide a general understanding of the safe and lawful operation of a motor vehicle. Mastering these skills can only be achieved with practice and being mindful of Tennessee laws and safe driving practices. Section A This section is designed for all current and potential drivers in Tennessee. It provides information that all drivers will find useful. Section A consists of pages 1 through 24. This section will help new and experienced drivers alike get ready for initial, renewal, and other license applications by explaining: \* the different types of licenses available\* the documentation and other requirements for license applications\* details on Intermediate Driver Licenses and how this graduated driver license works for driver license applicants under age 18\* basic descriptions of the tests required to obtain a Driver License Section B This section is designed to help new drivers study and prepare for the required knowledge and skills for an operator license. It includes helpful practice test questions at the end of each chapter. Section B consists of pages 25 through 90. This section of the manual provides information related to: \* Examination requirements for the vision, knowledge and road tests\* Traffic signs, signals, and lane markings\* Basic Rules of the Road\* Being a responsible driver and knowing the dangers and penalties of Driving Under the Influence of alcohol and drugs. Section C This section provides information and safety tips to improve the knowledge of all highway users to minimize the likelihood of a crash and the consequences of those that do occur. This section consists of pages 91-117. It also provides information about sharing the road with other methods of transportation, which have certain rights and privileges on the highways which drivers must be aware of and respect. It is important to read this information and learn what you can do to stay safe, and keep your family safe, on the streets, roads and highways of our great state.

From the winners of the 2017 Pulitzer Prize for Explanatory Reporting 11.5 million documents sent through encrypted channels. The secret records of 214,000 offshore companies. The largest data leak in history. In early 2015, an anonymous whistle-blower led investigative journalists Bastian Obermayer and Frederik Obermaier into the shadow economy where the super-rich hide billions of dollars in complex financial networks. Thus began the ground-breaking investigation that saw an international team of 400 journalists work in secret for a year to uncover cases involving heads of state, politicians, businessmen, big banks, the mafia, diamond miners, art dealers and celebrities. A real-life thriller, The Panama Papers is the gripping account of how the story of the century was exposed to the world.

Climate science paints a bleak picture: The continued growth of greenhouse gas emissions is increasingly likely to cause irreversible and catastrophic effects. Urgent action is needed to prepare for the initial rounds of climatic change, which are already unstoppable. While the opportunity to avert all climate damage has now passed, well-designed mitigation and adaptation policies, if adopted quickly, could still greatly reduce the likelihood of the most tragic and far-reaching impacts of climate change. Climate economics is the bridge between science and policy, translating scientific predictions about physical systems into projections about economic growth and human welfare that decision makers can most readily use but it has too often consisted of an overly technical, academic approach to the problem. Getting climate economics right is not about publishing the cleverest article of the year but rather about helping solve the dilemma of the century. The tasks ahead are daunting, and failure, unfortunately, is quite possible. Better approaches to climate economics will allow economists to be part of the solution rather than part of the problem. This book analyzes potential paths for improvement.

A sinister Problem has occurred in London: all nature of ghosts, haunts, spirits, and specters are appearing throughout the city, and they aren't exactly friendly. Only young people have the psychic abilities required to see—and eradicate—these supernatural foes. Many different Psychic Detection Agencies have cropped up to handle the dangerous work, and they are in fierce competition for business. In The Screaming Staircase, the plucky and talented Lucy Carlyle teams up with Anthony Lockwood, the charismatic leader of Lockwood & Co, a small agency that runs independent of any adult supervision. After an assignment leads to both a grisly discovery and a disastrous end, Lucy, Anthony, and their sarcastic colleague, George, are forced to take part in the

perilous investigation of Combe Carey Hall, one of the most haunted houses in England. Will Lockwood & Co. survive the Hall's legendary Screaming Staircase and Red Room to see another day? Readers who enjoyed the action, suspense, and humor in Jonathan Stroud's internationally best-selling Bartimaeus books will be delighted to find the same ingredients, combined with deliciously creepy scares, in his thrilling and chilling Lockwood & Co. series.

World population is growing at an alarming rate and is anticipated to reach about six billion by the end of year 2050. On the other hand, agricultural productivity is not increasing at a required rate to keep up with the food demand. The reasons for this are water shortages, depleting soil fertility and mainly various abiotic stresses. The fast pace at which developments and novel findings that are recently taking place in the cutting edge areas of molecular biology and basic genetics, have reinforced and augmented the efficiency of science outputs in dealing with plant abiotic stresses. In depth understanding of the stresses and their effects on plants is of paramount importance to evolve effective strategies to counter them. This book is broadly divided into sections on the stresses, their mechanisms and tolerance, genetics and adaptation, and focuses on the mechanistic aspects in addition to touching some adaptation features. The chief objective of the book hence is to deliver state of the art information for comprehending the nature of abiotic stress in plants. We attempted here to present a judicious mixture of outlooks in order to interest workers in all areas of plant sciences.

This book tells the story of how China's leaders, from Mao to Xi, have sacrificed ethics to promote either macroeconomic performance or microeconomic efficiency. This story includes Mao's collectivization of land, the Great Leap Forward, the Great Cultural Revolution, Deng's opening China to international trade, Tiananmen Square, the freeing of prices, food and medicine scandals, the 2015 surge and collapse of the Chinese stock market, the falling of China's foreign reserves, and so on. In 2008, China's leaders correctly identified the best strategy as a "consumption-driven growth strategy" because the current world is suffering from a glut of savings. However, for that strategy to work, the Chinese need to be able to trust China's economy and leaders. In the absence of trust, people will make decisions based on extremely short time frames which will hurt China's long-run potential and continue to generate a series of speculative bubbles. In the absence of trust, wealthy Chinese will continue to move their assets abroad, putting tremendous downward pressure on the Chinese yuan. The Chinese will develop a long-run perspective and invest in China only when they can trust China's future. In today's world, trust is necessary. Trust is built on ethics.

High-stakes public examinations exert a dominant influence in most education systems. They affect both teacher and student behavior, especially at the middle and upper levels of secondary education. The content of past examinations tends to dictate what is taught and how it is taught and, more important, what is learned and how it is learned. By changing aspects of these examinations, especially their content and format, education systems can have a strong positive impact on teacher behavior and student learning, help raise student achievement levels, and better prepare students for tertiary-level education and for employment. Examination agencies, many of which have followed the same procedures over decades, can learn from the successes and failures of other systems. This book addresses current issues related to the development, administration, scoring, and usage of these high-stakes public examinations, identifying key issues and problems related to examinations in many emerging market economies as well as in advanced economies. The book's primary audience consists of public examination officials on national, regional, and state examination boards, but the book should also be of interest to senior education policy makers concerned with certification and learning achievement standards, to academics and researchers interested in educational assessment, to governmental and education agencies responsible for student selection, and to professionals at development organizations. "This extremely well-written and comprehensive book offers a timely review of the diversity of public examination practices worldwide; of the tensions between examinations and learning; and of the technical expertise involved in the creation of valid, reliable, and fair assessments. It reminds us that as "the diploma disease" takes hold with an ever-greater intensity at every stage of education worldwide, and the commercial business of testing flourishes, those concerned with educational quality and meaningful learning must be on guard to prevent the assessment tail wagging the educational dog." Angela W. Little, Professor Emerita, Institute of Education, University College London "This book is very well structured and written and draws on the authors' remarkable global knowledge across countries and histories. It will be a great asset both to administrators responsible for examinations and to academics and other professionals who seek to understand the nature and impact of examinations of different types and in different settings." Mark Bray, UNESCO Chair Professor of Comparative Education, University of Hong Kong; and former Director, UNESCO International Institute for Educational Planning "I am sure that Public Examinations Examined, which thoroughly analyzes the practice of public examinations in different countries and makes profound and well-grounded conclusions, will arouse very great interest and will serve to further improve public examinations." Victor Bolotov, Distinguished Professor, Higher School of Economics, National Research University, Moscow; member, Russian Academy of Education; and former Deputy Minister of Education, Russian Federation

The Climate Change 2007 volumes of the Fourth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) provide the most comprehensive and balanced assessment of climate change available. This IPCC Working Group II volume provides a completely up-to-date scientific assessment of the impacts of climate change, the vulnerability of natural and human environments, and the potential for response through adaptation. Written by the world's leading experts, the IPCC volumes will again prove to be invaluable for researchers, students, and policymakers, and will form the standard reference works for policy decisions for government and industry worldwide.

#### 40 CFR Protection of Environment

Modern cars are more computerized than ever. Infotainment and navigation systems, Wi-Fi, automatic software updates, and other innovations aim to make driving more convenient. But vehicle technologies haven't kept pace with today's more hostile security environment, leaving millions vulnerable to attack. The Car Hacker's Handbook will give you a deeper understanding of the computer systems and embedded software in modern vehicles. It begins by examining vulnerabilities and providing detailed explanations of communications over the CAN bus and between devices and systems. Then, once you have an understanding of a vehicle's communication network, you'll learn how to intercept data and perform specific hacks to track vehicles, unlock doors, glitch engines, flood communication, and more. With a focus on low-cost, open source hacking tools such as Metasploit, Wireshark, Kayak, can-utils, and ChipWhisperer, The Car Hacker's Handbook will show you how to: –Build an accurate threat model for your vehicle –Reverse engineer the CAN bus to fake engine signals –Exploit vulnerabilities in diagnostic and data-logging systems –Hack the ECU and other firmware and embedded systems –Feed exploits through infotainment and vehicle-to-

vehicle communication systems –Override factory settings with performance-tuning techniques –Build physical and virtual test benches to try out exploits safely If you're curious about automotive security and have the urge to hack a two-ton computer, make *The Car Hacker's Handbook* your first stop.

This book, based on the SINTEF Offshore Blowout Database, thoroughly examines U.S. Gulf of Mexico and Norwegian and UK North Sea blowouts that occurred from 1980 to 1994. This book reveals the operations that were in progress at the onset of the blowouts and helps you learn from the mistakes of others.

Liquefied natural gas (LNG) is a commercially attractive phase of the commodity that facilitates the efficient handling and transportation of natural gas around the world. The LNG industry, using technologies proven over decades of development, continues to expand its markets, diversify its supply chains and increase its share of the global natural gas trade. *The Handbook of Liquefied Natural Gas* is a timely book as the industry is currently developing new large sources of supply and the technologies have evolved in recent years to enable offshore infrastructure to develop and handle resources in more remote and harsher environments. It is the only book of its kind, covering the many aspects of the LNG supply chain from liquefaction to regasification by addressing the LNG industries' fundamentals and markets, as well as detailed engineering and design principles. A unique, well-documented, and forward-thinking work, this reference book provides an ideal platform for scientists, engineers, and other professionals involved in the LNG industry to gain a better understanding of the key basic and advanced topics relevant to LNG projects in operation and/or in planning and development. Highlights the developments in the natural gas liquefaction industries and the challenges in meeting environmental regulations Provides guidelines in utilizing the full potential of LNG assets Offers advices on LNG plant design and operation based on proven practices and design experience Emphasizes technology selection and innovation with focus on a "fit-for-purpose design Updates code and regulation, safety, and security requirements for LNG applications

This book constitutes the thoroughly refereed post-conference proceedings of the 5th International Conference on Mobile, Secure and Programmable Networking, held in Mohammedia, Morocco, in April 2019. The 23 papers presented in this volume were carefully reviewed and selected from 48 submissions. They discuss new trends in networking infrastructures, security, services and applications while focusing on virtualization and cloud computing for networks, network programming, software defined networks (SDN) and their security.

The signals are everywhere that our planet is experiencing significant climate change. It is clear that we need to reduce the emissions of carbon dioxide and other greenhouse gases from our atmosphere if we want to avoid greatly increased risk of damage from climate change. Aggressively pursuing a program of emissions abatement or mitigation will show results over a timescale of many decades. How do we actively remove carbon dioxide from the atmosphere to make a bigger difference more quickly? As one of a two-book report, this volume of *Climate Intervention* discusses CDR, the carbon dioxide removal of greenhouse gas emissions from the atmosphere and sequestration of it in perpetuity. *Climate Intervention: Carbon Dioxide Removal and Reliable Sequestration* introduces possible CDR approaches and then discusses them in depth. Land management practices, such as low-till agriculture, reforestation and afforestation, ocean iron fertilization, and land-and-ocean-based accelerated weathering, could amplify the rates of processes that are already occurring as part of the natural carbon cycle. Other CDR approaches, such as bioenergy with carbon capture and sequestration, direct air capture and sequestration, and traditional carbon capture and sequestration, seek to capture CO<sub>2</sub> from the atmosphere and dispose of it by pumping it underground at high pressure. This book looks at the pros and cons of these options and estimates possible rates of removal and total amounts that might be removed via these methods. With whatever portfolio of technologies the transition is achieved, eliminating the carbon dioxide emissions from the global energy and transportation systems will pose an enormous technical, economic, and social challenge that will likely take decades of concerted effort to achieve. *Climate Intervention: Carbon Dioxide Removal and Reliable Sequestration* will help to better understand the potential cost and performance of CDR strategies to inform debate and decision making as we work to stabilize and reduce atmospheric concentrations of carbon dioxide.

Consistently praised for its engaging writing style, currency, and visual appeal, *MEDIA/IMPACT* focuses students on today's digital mass media industries and support businesses as well as the legal, ethical, social, global, and technological issues that these businesses face every day. The totally re-designed eleventh edition gives special emphasis to convergence--how the mass media industries are intersecting to deliver content and how audiences are adapting to the new mass media marketplace. The author grounds her discussion in the business aspects of all the mass media industries, with concise histories of each industry plus an insider's look at what it's like to work in each business. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Over the course of a generation, algorithms have gone from mathematical abstractions to powerful mediators of daily life. Algorithms have made our lives more efficient, more entertaining, and, sometimes, better informed. At the same time, complex algorithms are increasingly violating the basic rights of individual citizens. Allegedly anonymized datasets routinely leak our most sensitive personal information; statistical models for everything from mortgages to college admissions reflect racial and gender bias. Meanwhile, users manipulate algorithms to "game" search engines, spam filters, online reviewing services, and navigation apps. Understanding and improving the science behind the algorithms that run our lives is rapidly becoming one of the most pressing issues of this century. Traditional fixes, such as laws, regulations and watchdog groups, have proven woefully inadequate. Reporting from the cutting edge of scientific research, *The Ethical Algorithm* offers a new approach: a set of principled solutions based on the emerging and exciting science of socially aware algorithm design. Michael Kearns and Aaron Roth explain how we can better embed human principles into machine code - without halting the advance of data-driven scientific exploration. Weaving together

innovative research with stories of citizens, scientists, and activists on the front lines, *The Ethical Algorithm* offers a compelling vision for a future, one in which we can better protect humans from the unintended impacts of algorithms while continuing to inspire wondrous advances in technology.

What Cablegate tells us about the reach and ambitions of US Empire. Published in collaboration with WikiLeaks. WikiLeaks came to prominence in 2010 with the release of 251,287 top-secret State Department cables, which revealed to the world what the US government really thinks about national leaders, friendly dictators, and supposed allies. It brought to the surface the dark truths of crimes committed in our name: human rights violations, covert operations, and cover-ups. *The WikiLeaks Files* exposes the machinations of the United States as it imposes a new form of imperialism on the world, one founded on tactics from torture to military action, to trade deals and “soft power,” in the perpetual pursuit of expanding influence. The book also includes an introduction by Julian Assange examining the ongoing debates about freedom of information, international surveillance, and justice. An introduction by Julian Assange—writing on the subject for the first time—exposes the ongoing debates about freedom of information, international surveillance, and justice. With contributions by Dan Beeton, Phyllis Bennis, Michael Busch, Peter Certo, Conn Hallinan, Sarah Harrison, Richard Heydarian, Dahr Jamail, Jake Johnston, Alexander Main, Robert Naiman, Francis Njubi Nesbitt, Linda Pearson, Gareth Porter, Tim Shorrock, Russ Wellen, and Stephen Zunes.

This innovative, comprehensive book covers the key elements of perioperative management of older patients. The book's chapter structure coincides with the clinical path patients tread during their treatment, from preoperative evaluation to post-hospital care. Epidemiological aspects and aging processes are illustrated, providing keys to understanding the quick expansion of geriatric surgery and defining the clinical profile of older surgical patients in a cybernetic perspective. Preoperative evaluation and preparation for surgery, including medication reconciliation and pre-habilitation, are developed in the light of supporting decision-making about surgery in an evidence-based and patient-focused way. Intra- and postoperative management are discussed, aiming to tailor anesthetic, surgical and nursing approaches to specific patients' needs, in order to prevent both general and age-related complications. This volume also addresses issues relevant to geriatric surgery, from different organizational models to clinical risk management and systems engineering applied to hospital organization.

*Physiology of Sugarcane* looks at the development of a suite of well-established and developing biofuels derived from sugarcane and cane-based co-products, such as bagasse. Chapters provide broad-ranging coverage of sugarcane biology, biotechnological advances, and breakthroughs in production and processing techniques. This single volume resource brings together essential information to researchers and industry personnel interested in utilizing and developing new fuels and bioproducts derived from cane crops.

A team of journalists with unparalleled inside access provides the first full, in-depth account of WikiLeaks, its founder Julian Assange, and the ethical, legal, and political controversies it has both uncovered and provoked.

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Biochar is the carbon-rich product when biomass (such as wood, manure or crop residues) is heated in a closed container with little or no available air. It can be used to improve agriculture and the environment in several ways, and its stability in soil and superior nutrient-retention properties make it an ideal soil amendment to increase crop yields. In addition to this, biochar sequestration, in combination with sustainable biomass production, can be carbon-negative and therefore used to actively remove carbon dioxide from the atmosphere, with major implications for mitigation of climate change. Biochar production can also be combined with bioenergy production through the use of the gases that are given off in the pyrolysis process. This book is the first to synthesize the expanding research literature on this topic. The book's interdisciplinary approach, which covers engineering, environmental sciences, agricultural sciences, economics and policy, is a vital tool at this stage of biochar technology development. This comprehensive overview of current knowledge will be of interest to advanced students, researchers and professionals in a wide range of disciplines.

Aimed at scientists and non-specialised readers alike, this book retraces the source of national and international biotechnology programmes by examining the origins of biotechnology and its political and economic interpretation by large nations. With a foreword by Andr(r) Goffeau, who initiated the European Yeast Genome Project, the book describes the achievements of the first genetic and physical maps, as well as the political and scientific genesis of the American Human Genome Project. Following these advances, the author discusses the European biotechnology strategy, the birth and implementation of European biotechnology programmes and the yeast genome project.

Cryptography is now ubiquitous – moving beyond the traditional environments, such as government communications and banking systems, we see cryptographic techniques realized in Web browsers, e-mail programs, cell phones, manufacturing systems, embedded software, smart buildings, cars, and even medical implants. Today's designers need a comprehensive understanding of applied cryptography. After an introduction to cryptography and data security, the authors explain the main techniques in modern cryptography, with chapters addressing stream ciphers, the Data Encryption Standard (DES) and 3DES, the Advanced Encryption Standard (AES), block ciphers, the RSA cryptosystem, public-key cryptosystems based on the discrete logarithm problem, elliptic-curve cryptography (ECC), digital signatures, hash functions, Message Authentication Codes (MACs), and methods for key establishment, including certificates and public-key infrastructure (PKI). Throughout the book, the authors focus on communicating the essentials and keeping the mathematics to a minimum, and they move quickly from explaining the foundations to describing practical implementations, including recent topics such as lightweight ciphers for RFIDs and mobile devices, and current key-length recommendations. The authors have considerable experience teaching applied cryptography to engineering and computer science students and to professionals, and they make extensive use of examples, problems, and chapter reviews, while the book's website offers slides, projects and links to further resources. This is a suitable textbook for graduate and advanced undergraduate courses and also for self-study by engineers.

Perhaps the most anticipated publication in American history, this is the full text, Volumes 1 and 2, of special counsel Robert Mueller's investigation. It is **THE REPORT AND NOTHING BUT THE REPORT**, in a beautifully typeset edition, with full searchability in ebook formats. It is, word for word, presented exactly as released by the Attorney General of the United States, with no positioning -- such as a celebrity introduction -- that would give it bias or impede its clarity. One of the most-talked-about investigations in American history, the subject of constant media discussion and speculation, non-stop and controversial attacks from the president, and the eager anticipation of a public wondering what the truth is, this long-awaited publication is an historic event. The Mueller Report continues Melville House's "tradition of publishing pivotal public documents."—The New York Times

*The Roswell Report: Case Closed* Contents Foreword Guide for Readers v Introduction i SECTION ONE Flying Saucer Crashes and Alien Bodies 5 1.1 The "Crash Sites," Scenarios, and Research Methods 11 1.2 High Altitude Balloon Dummy Drops 23 1.3 High Altitude Balloon Operations 37 1.4 Comparison of Witnesses Accounts to U.S. Air Force Activities 55 SECTION TWO Reports of Bodies at Roswell Army Air Field Hospital 75 2.1 The "Missing" Nurse and the

Pediatrician 81 2.2 Aircraft Accidents 93 2.3 High Altitude Research Projects 101 2.4 Comparison of the Hospital Account to the Balloon Mishap 109 Conclusion 123 Notes Section One 127 Section Two 139 APPENDIX A Anthropomorphic Dummy Launch and Landing Locations 155 APPENDIX B Witness Statements Charles E. Clouthier 160 Charles A. Coltman, Jr., Col., USAF, MC (Ret) 162 Dan D. Fulgham, Col., USAF (Ret) 164 Bernard D. Gildenberg, GS-14 (Ret) 166 Ole Jorgeson, MSgt., USAF (Ret) 169 William C. Kaufman, Lt. Col., USAF (Ret) 171 Joseph W. Kittinger, Jr., Col., USAF (Ret) 174 Roland H. Lutz, CMSgt., USAF (Ret) 178 Raymond A. Madson, Lt. Col. USAF (Ret) 180 Frank B. Nordstrom, M.D 182 APPENDIX C Interviews Gerald Anderson 187 Glenn Dennis 197 Alice Knight 213 Vern Maltais 214 James Ragsdale 215 Selected Bibliography of Technical Reports 221 Index 225 Tables SECTION ONE 1.1 Comparison of Testimony to Actual Air Force Equipment and Procedures Used to Launch and Recover Anthropomorphic Dummies 69 SECTION TWO 2.1 Persons Described and Periods of Service at Roswell AAF Walker AFB 91 2.2 Fatal Air Force Aircraft Accidents by Year in the Vicinity of Walker AFB— 1947-1960 93 2.3 Analysis of Air Force Aircraft Accidents by Year in the Vicinity of Walker AFB— 1947-1960 94 Figures SECTION ONE 1. The Roswell Report: Fact vs. Fiction In The New Mexico Desert. 2. The International UFO Museum and Research Center, Roswell, N.M. 3. Drawing of Project Mogul Balloon Train. 4. Maj. Jesse Marcel With "Flying Disc" Debris. 5. ML-307B/AP Radar Target on Ground. 6. ML-307B/AP Radar Target in Flight. 7. "Harassed Rancher Who Located 'Saucer' Sorry He Told About It," Roswell Daily Record, July 9, 1947. 8. Announcement from November 4, 1992 Socorro (N.M.) Defensor Chieftan. 9. B.D. "Duke" Gildenberg. 10. Charles B. Moore. 11. Map Of New Mexico Depicting "Crash Sites" and "Debris Field." 12. Missile Recovery Scene. 13. Drone Recovery Scene. 14. "Sierra Sam" Type Anthropomorphic Dummy. 15. National Transportation Highway Safety Administration Advertisement Featuring "Vince and Larry." 16. "Dummy Joe" with J. J. Higgins and Guy Ball, McCook Field, Ohio, 1920. 17. Rope and Sandbag Parachute Drop Dummy on Ground. 18. Rope and Sandbag Parachute Drop Dummy Descending at Wright Field, Ohio. 19. Ted Smith Model Anthropomorphic Dummy in Ejection Seat. 20. Anthropomorphic Dummy "Oscar Eightball" at Muroc AAF, Calif. 21. "Sierra Sam" Anthropomorphic Dummy in Ejection Seat. 22. Alderson Laboratories Anthropomorphic Dummies Hanging in Laboratory. 23. Project High Dive Dummy Launch. 24. Map Of New Mexico Depicting Dummy Landing Locations. 25. Capt. Joseph W. Kittinger, Jr.'s Record Parachute Jump. 26. Article In December 1960 National Geographic Featuring Project Excelsior. 27. Magazine Covers Depicting U.S. Air Force Aero-Medical Experiments. 28. M-342 Five-Ton Wrecker. 29. Project High Dive Gondola and "Sierra Sam" Type Anthropomorphic Dummy. 30. 1st Lts. Raymond A. Madson and Eugene M. Schwartz with "Sierra Sam" Type Anthropomorphic Dummy. 31. M-35 Two-Ton Cargo Truck. 32. M-37 3/4-Ton Cargo Truck. 33. Lt. Col. John P. Stapp Preparing for Rocket Sled Test. 34. Cover of September 12, 1955 Time Magazine Depicting Lt. Col. John P. Stapp. 35. Anthropomorphic Dummy with Missing Fingers. 36-38. Anthropomorphic Dummy Falling from Balloon Gondola. 39. Memo from Project High Dive Files. 40. Hanging Anthropomorphic Dummies and Hospital Gurney. 41. Anthropomorphic Dummy in Insulation Bag. 42-43. High Altitude Balloon Dummy Drops Report Covers. 44. Inflation of High Altitude Balloon for Project Viking. 45. Lobby Card from On The Threshold of Space, 46. Promotional Photo From On The Threshold of Space. 47. Promotional Photo From On The Threshold of Space. 48. Relative Sizes of High Altitude Balloon, Airliner, and Hot Air Balloon. 49. Target Balloon Launch Near Holloman AFB, N.M. 50. Discoverer Nosecone Rigged for High Altitude Balloon Flight. 51. Discoverer Capsule Aboard the USS Haiti Victory. 52. Viking Spaceprobe at Martin Marietta Corp., Denver, Colo. 53. Balloon Launch Of Voyager-Mars Spaceprobe. 54. Viking Spaceprobe at Roswell Industrial Airport, Roswell, N.M. 55. Viking Space Probe Awaiting Recovery at White Sands Missile Range. 56. Drawing of Alleged UFO. 57. "Vee" Balloon at Holloman AFB, N.M. 58. Current Members of the Holloman AFB Balloon Branch. 59. B.D. Gildenberg, Capt. Joseph W. Kittinger, Jr., and Lt. Col. David G. Simons (MC). 60. Ranch Family with Panel from Project Stargazer. 61. Balloon Recovery Personnel and "The Hermit." 62. Mule Borrowed for Balloon Payload Recovery. 63. Bulldozer Used for Balloon Payload Recovery. 64. M-43 Ambulance. 65-66. Unusual Balloon Payloads. 67. U.S. Army Communications Payload. 68. Scientific Balloon Payload Flown for The John Hopkins University. 69. Balloon Payload Flown from Holloman AFB, N.M. 70. Project High Dive Anthropomorphic Dummy Launch. 71. Vehicles Present at High Altitude Balloon Launch and Recovery Sites. 72. Alderson Laboratories Anthropomorphic Dummies. 73. Anthropomorphic Dummies Attached to Rack. 74. Anthropomorphic Dummy with "Bandaged" Head. 75. Anthropomorphic Dummy with Torn Uniform. 76. Promotional Photo From On The Threshold of Space. 11. L-20 Observation Aircraft. 78. C-47 Transport Aircraft. 79. Balloon Crew Preparing Balloon for Launch. 80. Anthropomorphic Dummy Launch Scene. 81. Typical High Altitude Balloon Launch Scene. 82. Map of New Mexico. SECTION TWO 1. The International UFO Museum and Research Center. 2. Capt. Eileen M. Fanton. 3. "Flying Saucer Swindlers," True Magazine, August 1956. 4. "The Flying Saucers and the Mysterious Little Green Men," True Magazine, September 1952. 5. Col. Lee F. Ferrell and U.S. Senator Dennis Chavez. 6. Lt. Col. Lucille C. Slattery. 7. KC-97 Aircraft. 8. 4036th USAF Hospital, Walker AFB, N.M., 1956. 9. Ballard Funeral Home, Roswell, N.M. 10. Maj. David G. Simons (MC), Otto C. Winzen, and Capt. Joseph W. Kittinger, Jr. 11. Capt. Joseph W. Kittinger, Jr. in Man High Capsule. 12. Lt. Col. David G. Simons. 13. Bernard D. "Duke" Gildenberg and 1st Lt. Clifton McClure. 14. Capt. Joseph W. Kittinger, Jr. and the Excelsior High Altitude Balloon Gondola. 15. Capt. Joseph W. Kittinger, Jr. and William C. White with Stargazer Gondola. 16. Capt. Grover Schock and Otto C. Winzen. 17. Capt. Dan D. Fulgham and Capt. William C. Kaufman. 18. Thirty-foot Polyethylene Training Balloon. 19. Maj. Joseph W. Kittinger, Jr. in Vietnam. 20. A2C Ole Jorgeson and M-43 Ambulance Converted to a Communications Vehicle. 21. Stenciled Letters Described as "Hieroglyphics." 22. A2C Ole Jorgeson in Rear of M-43 Ambulance. 23. Polyethylene Balloon on Ground After High Altitude Flight. 24. Hospital Dispensary, Building 317, Walker AFB, N.M., 1954. 25. Main Gate at Walker AFB, N.M., 1954. 26. Capt. Joseph W. Kittinger, Jr. and Dr. J. Allen Hynek. 27. Clinical Record Cover Sheet of Capt. Dan D. Fulgham. 28. Capt. Dan D. Fulgham at Wright-Patterson AFB, Ohio. 29. Maj. Dan D. Fulgham, James Lovell, Hilary Ray, and Alan Bean. 30. Maj. Dan D. Fulgham at

Ubon AB, Thailand. 31. Memorial Plaque at Holloman AFB, N.M. 32. Nenninger Balloon Launch Facility at Holloman AFB, N.M. 33. Capt. Joseph W. Kittinger, Jr. Following Excelsior I.

In December 2010, Julian Assange signed a contract with Canongate Books to write a book – part memoir, part manifesto – for publication the following year. At the time, Julian said: 'I hope this book will become one of the unifying documents of our generation. In this highly personal work, I explain our global struggle to force a new relationship between the people and their governments.' In the end, the work was to prove too personal. Despite sitting for more than fifty hours of taped interviews and spending many late nights at Ellingham Hall (where he was living under house arrest) discussing his life and the work of WikiLeaks with the writer he had enlisted to help him, Julian became increasingly troubled by the thought of publishing an autobiography. After reading the first draft of the book at the end of March, Julian declared: 'All memoir is prostitution.' In June 2011, with thirty-eight publishing houses around the world committed to releasing the book, Julian told us he wanted to cancel his contract. We disagree with Julian's assessment of the book. We believe it explains both the man and his work, underlining his commitment to the truth. Julian always claimed the book was well written; we agree, and this also encouraged us to make the book available to readers. And the contract? By the time Julian wanted to cancel the deal he had already used the advance money to settle his legal bills. So the contract still stands. We have decided to honour it – and to publish. This book is the unauthorised first draft. It is passionate, provocative and opinionated – like its author. It fulfils the promise of the original proposal and we are proud to publish it. Canongate Books, September 2011

?The Chinese Research Institute of Construction Management (CRIOCM) in collaboration with Xi'an Jiaotong University proudly invites all academics, researchers and professionals to participate in the CRIOCM 2013, the 18th International Symposium on "Advancement of Construction Management and Real Estate". We will uphold and preserve the idea and tradition of pragmatism and innovation, to offer an excellent academic and communication platform for academics and professionals to exchange information on the latest developments in real estate and construction management.

This book describes the essential components of the SCION secure Internet architecture, the first architecture designed foremost for strong security and high availability. Among its core features, SCION also provides route control, explicit trust information, multipath communication, scalable quality-of-service guarantees, and efficient forwarding. The book includes functional specifications of the network elements, communication protocols among these elements, data structures, and configuration files. In particular, the book offers a specification of a working prototype. The authors provide a comprehensive description of the main design features for achieving a secure Internet architecture. They facilitate the reader throughout, structuring the book so that the technical detail gradually increases, and supporting the text with a glossary, an index, a list of abbreviations, answers to frequently asked questions, and special highlighting for examples and for sections that explain important research, engineering, and deployment features. The book is suitable for researchers, practitioners, and graduate students who are interested in network security.

Athletes and their support personnel are constantly seeking evidence-informed recommendations to enhance athletic performance during competition and to optimize training-induced adaptations. Accordingly, nutritional and supplementation strategies are commonplace when seeking to achieve these aims, with such practices being implemented before, during, or after competition and/or training in a periodized manner. Performance nutrition is becoming increasingly specialized and needs to consider the diversity of athletes and the nature of the competitions. This Special Issue, Nutrition Support for Athletic Performance, describes recent advances in these areas.

"This brand new title in the ABC series provides a comprehensive overview of pre-hospital medicine, including transport, patient assessment, emergency care systems, and pre-hospital interventions. With pre-hospital care being the start of the "trauma chain", the treatment patients receive on-scene as well as en-route can be life-saving, and this new title is invaluable for all staff involved in emergency and pre-hospital medicine"--Provided by publisher.

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