Afghanistan, 99, 110 AGB (Alliance for Global Business), 88 AIIP (Agency for Information Infrastructure Protection), 242–43, 244, Air Navigation Commission, 102, 240-41 Amsterdam Treaty (1997), 49 Annex 17 (ICAO), 83, 84, 111 AOL (America Online), 14 Ardita, Julio Cesar, 8-9, 16 Arena, Drew C., 61-62, 64, 67, 206, 223 Article 34 (Amsterdam Treaty of 1997), ASEAN (Association of Southeast Asian Nations), 54 Asia-Pacific criminal code, 42-45 Atomic Tangerine, 21 Austria, 46, 48 automated clearinghouse, 145, 176 automated computer/network protection: beyond local administrative domains, 170-73; to enhance both security and privacy, 203-4; facilities for Internet monitoring, 164–65; next generation IP protocols for, 163-64; providing aid/ resources for security, 165-66; timely tracking using, 161-63; tools for, 160-AVERT antivirus lab (San Jose), 13

Barlow, John Perry, 25 Belgium, 48 "block user" message, 149 border search exception, 213 Bosanac, Jonathan, 7 Bowden, Caspar, 194, 210 Brenner, Susan, 40, 41, 61 Business Secrets Act Against Unfair Competition (Japan), 43–44

CALEA telephone system requirements, 157

Canada: civil aviation security measures in, 80–82; government-industry cooperation in, 88–89; IO (Information Operations) in, 74–76; transportation sector GDP percentage in, 76–77. See also ICAO (International Civil Aviation Organization)

"Carnivore" search engine, 27

CERT (Computer Emergency Response Team), 89

CERT/CC (Computer Emergency Response Team/Coordination Center), 11, 151–52, 169

Chen, George, 42, 44

Chicago Convention (1944), 72, 82, 83, 102–4, 111

CIDF (Common Intrusion Detection Framework), 147

CISL (Common Intrusion Specification Language), 147

CITAC (Computer Investigations and Infrastructure Threat Assessment Center), 23n.56

civil aviation infrastructure: complexity of, 70; Montreal Convention addressing security of, 117–19; security benefits of investment in, 113n.46. *See also* information infrastructure

civil aviation security cooperation: addressing gaps in coverage/ enforcement, 108–10, 114–16; addressing specific changes to treaties

(continued) of, 116–20; barriers to, 94–99; Chicago Convention (1944) as, 72, 82, 83, 102–4, 111; growing commitment to, 99–100; growing system of international, 104–6; Hague Convention (1970) as, 106–107; Jescope of 121–23; Paris

civil aviation security cooperation

104–6; Hague Convention (1970) as, 106, 107; lessons of, 121–23; Paris Convention (1919) as early, 101–2, 103, 111; Tokyo Convention (1963) as, 83, 105–6, 111–12. See also

international cooperation; Montreal Convention (1971)

civil aviation terrorism: airline computer system and risk of, 116n.53; costs of, 105n.28; G-8 measures to combat, 109–10; international cooperation against, 3, 72, 76–80, 82, 83, 99–110; similar elements of cyber crime and, 113–14; U.S. response to, 109. *See also* cyber terrorism

civil aviation transport security: air traffic control terrorism scenario and, 69–70; applied to cyber terrorism, 114–20; Canada's IO protection and, 80–82; cooperation forums for, 71; growing concerns with, 99–100; ICAO impact on, 3, 82–88, 85f; international cooperation to achieve, 99–110; IO (Information Operations) and security of, 76–80; structural barriers to international cooperation in, 94–99; three features of, 92–94; unique aspects of, 110–14; vulnerability to terrorism by, 70–72

civil liberties: balancing cyber security and, 218–20; national laws protecting, 207– 14; Stanford Draft protection of, 244– 46; tensions between enforcement and, 184–85

clearinghouse, 145, 176

CNRI (Corporation for National Research Initiatives), 19

COE (Council of Europe): multilateral treaty proposed by, 2; origins and development of, 54n.28; personal data guidelines of, 189–90; progress made by, 54–55, 226. See also Draft Convention

COE's Draft Convention on Cyber-Crime: conduct covered by, 227–32; on cooperation in criminal enforcement, 234–36; on individual rights protection,

246; international distrust generated by, 27–28; on jurisdiction, 233

Computer Crime Act (1997) (Malaysia),

computer equipment theft statutes, 41n.7. *See also* cyber law

computer fraud: described, 55n.33; statutes on, 47–48

Computer Fraud and Abuse Act (1984), 39–40

computer "mischief" statutes, 41 Computer Misuse Act (Singapore), 44 "Computer-Related Crime: Analysis of

Legal Policy" (OECD), 58 computer viruses: "I Love You," 10, 12, 17, 20, 33n.77; "Melissa," 7–8, 20, 152

17, 20, 33n.77; "Melissa," 7–8, 20, 152 conduct-related offences: COE Draft, 230; Stanford Draft on, 227–32

"Conflict of Laws," 61n.48

consensus. *See* international consensus consent search, 212–13

Control of Obscene and Indecent Articles Ordinance (Hong Kong), 44

Convention on Civil Aviation (Chicago, 1944), 72, 82, 83, 102–4, 111

Convention on the Marking of Plastic Explosives for the Purpose of Detection (1998), 83

Convention on Offenses and Certain Other Acts Committed on Board Aircraft (1963), 100

"Convention for the Protection of Individuals with Regard to the Automatic Processing of Personal Data" (COE), 189

Convention for the Suppression of Unlawful Seizure of Aircraft (Hijacking) of 1970 (Hague Convention), 106, 107

COTS (commercial-off-the shelf), 78, 175 Council of the European Union, 48 credit card fraud, 8

CRISP (Consortium for Research on Information Security and Policy) (Stanford), 71

cryptographic trust models research, 173 CSD (computer-stored data), 46–47. *See also* data protection

CSI (Computer Security Institute), 4

CSI/FBI surveys (1997–2000), 5 Cuéllar, Mariano-Florentino, 71, 72

cyber crime: challenge of controlling, 1–3; committed by hackers, 7–10; costs of, 4–6; defining, 91n.1; defining scope of,

3-4; disparity of individual state laws and, 15-19; elements of effective program against, 2-3; emerging international consensus on, 39f; fashioning solution to, 29-34; forensic evidence of, 154-56; identity theft/ privacy issues, 193-98; increasing threat of, 1; international common concerns regarding, 50-52; privacy protection measures against, 198-204; protecting global information infrastructure from, 135-36; protecting individual computers from, 135; reducing "safe harbors" following, 176–77; similar elements of aviation terrorism and, 113-14; statutory prohibition of specific, 38; transnational nature of, 6-10, 35-37. See also cyber security; cyber terrorism

cyber culture: notion as being independent from government, 25–26; reluctance to cooperate with government aspect of, 23–29; reluctance to suppress cyber crime aspect of, 21–22

cyber-defense alliance: of private/public security experts, 22–23; proposed, 18–19, 201–2. *See also* international cooperation

"cyber divide," 31

cyber laws: Asia-Pacific, 42–45; balancing security and civil liberties, 184–85, 207–14; on computer fraud, 47–48; "Conflict of Laws" and, 61n.48; disparity of individual state, 15–19, 224; due process of laws and, 214–18; European, 45–50; national responses to international problem, 37–39; in selected Asian countries, 43f; United State Code, 39–42, 59, 60. See also international consensus laws; law enforcement

cyber security: addressing specific changes to existing treaties, 116–20; applying civil aviation precedent to, 114–20; balancing civil liberties and, 184–85, 207–14, 218–20; civil aviation security lessons for, 121–23; filling in gaps in existing treaties on, 114–16; inductive approach to, 38; protective/reactive approaches to, 185–87. See also data protection; information infrastructure defenses

cyberspace: challenges of regulation of,

122–23; defining, 91n.1; differences between airspace and, 104; threats to privacy in, 192–98. *See also* Internet

cyber terrorism: air traffic control system scenario of, 69; civil aviation transport vulnerability to, 69–72; forensic evidence of, 154–56; hackers' attacks as, 8–9, 12–15; ICAO as model for cooperation in, 3, 82–88; increasing sophistication of, 134t; IT and IO basis of, 74–76; protecting global information infrastructure from, 135–36; protecting individual computers from, 135; types of, 132–33. *See also* civil aviation terrorism; cyber crime

DARPA (Defense Advanced Research Projects Agency), 171

data protection: COE guidelines for personal, 189–90; early U.S. legislation on, 189; e-mail, 137, 149; EU standards for, 191–92, 199–200; EU statutes regarding, 46–47; identity theft and, 193; international consensus law regarding, 187–92; intrusion vs., 187–204; IPv6 Internet Protocol for, 163, 200–201; models of, 198–204; OECD policies on personal, 189; UN standards of, 191–92; U.S. vs. EU standards of, 199. *See also* cyber security

"A Declaration of the Independence of Cyberspace" (Barlow), 25

Denmark, 47

DOD (U.S. Department of Defense), 16, 171

Draft Convention on Cyber-Crime. See COE's Draft Convention on Cyber-Crime

Draft International Convention to
Enhance Protection from Cyber Crime
and Terrorism. See Stanford Draft
International Convention
Draft Standard RFC, 128, 129
Drozdova, Ekaterina, 37
Drozdova survey (1999), 37, 38–39f
due process of laws, 214–18

Echelon, 196
Elzam, Ofer, 13
e-mail: "block user" message, 149;
security measures for, 137. See also data protection
EPIC Privacy Survey (1999), 192n.17

288 European Convention on Human Rights, European Court of Justice, 49 European Union (EU): comparison of U.S. personal data security and, 199; computer crime statutes of, 45-50; cyber crime progress by, 54, 57; privacy of personal data standards by, 191-92; three-pillar structure of, 48-49, 50 European Union (EU) Data Protection Directive (1995), 191, 199, 200 exigent circumstances concept, 211-12 FAA (U.S. Federal Aviation Administration), 70 FATF (Financial Action Task Force) (OECD): achievements of, 96–97; difficulty of monitoring adherence to, 98-99; money laundering addressed by, 95-96; reliable enforcement mechanism of, 97 FATF's 40 Recommendations, 98 FBI (U.S. Federal Bureau of Investigation), 195-96 FBI's National Crime Information, 7 FBI's National Infrastructure Protection Center (NIPC), 15 Federal Networking Council (U.S.), 132 Fifth Amendment (U.S. Constitution), 157 Finland, 46, 47 FIRST (Forum of Incident Response and Security Teams), 152-53, 167, 168 First Pillar (EU), 48, 49, 50 Foundation for Information Policy Research (UK), 194 France, 47 Freeh, Louis J., 23 FSB (Federal Security Bureau) (Russia),

G-7 countries, 99, 110
G-8 countries: civil aviation terrorism measures by, 109–10; international cooperation promoted by, 222;
Principles of, 64–65
"The Gatsby" (on-line name), 7
Germany, 46, 47, 60
Goldsmith, Jack L., 223, 225
Goodman, Marc, 37, 59
government intervention: cyber culture on independence from, 25–26; cyber

FTC (Federal Trade Commission), 28

FTP (File Transfer Protocols), 131

195

23–29; fears over adverse affect of, 225. *See also* states
Greece, 47
Group of Eight (G-8), 64–65
"Guidelines on the Protection of Privacy and Transborder Flows of Personal Data" (OECD), 189
"Guidelines for the Regulation of Computerized Personal Data Files" (COE), 191
"Guidelines for the Regulation of Computerized Personal Data Files" (UN), 191
"Guidelines on the Security of Information Systems" (OECD), 58

culture reluctance to cooperate with,

"Guidelines on the Use of Computerized personal Data Flow" (COE), 189, 191 Gullatto, Vincent, 13 Gutman, Boaz, 17

hacker cyber security/attack-related websites, 11n.25 hackers: credit cards stolen by Moscow, 8; nicknames adopted by, 11n.24; "Phonemasters," 7; "Solar Sunrise" attack (1998), 14n.36, 16-17; systems attacks by, 8-9, 11-15. See also computer viruses Hague Convention (1970), 106, 107 hand-held devices, 12-13 High-Tech Subgroup of the Senior Experts on Transnational Organized Crime, 64 Hong Kong computer crime statutes, 44 "hop" attack tracing, 138 "hop-by-hop" header, 163 Hopwood, Jonathan, 37 Hostages Convention, 112

I-4 (International Information Integrity Institute), 22
IAB (Internet Architecture Board), 127
ICAN (International Commission for Air Navigation), 101
ICAO Annex 17, 83, 84, 111
ICAO AvSec (Aviation Security) Panel, 83
ICAO (International Civil Aviation Organization): basic objective of, 82–83; function of, 103–4; history and structure of, 239–40; impact on civil aviation security by, 84, 85f; as model for cooperation on cyber terrorism, 3, 82–88; national security protections by,

Hoover Press: Cyber

Index 289

247; origins and operation of, 72, 82, 102; state rejection of standards sets by, 109
ICAO Security Manual, 83
ICC (International Chamber of Commerce), 88
ICJ (International Court of Justice), 106
identity theft, 193. See also data protection
IDIP (Intruder Detection and Isolation
Protocol), 147, 148f, 149, 150–51t, 171–73, 175
IESG (Internet Engineering Steering
Group), 127–28
IETF (Internet Engineering Task Force),

26, 127, 128, 129 IETF Working Groups, 127 "I Love You" computer virus, 10, 12, 17, 20, 33n.77

informants, 209

information infrastructure: architectures of physical and, 129, 131; automation of computer/network protection of, 160–66; defenses against cyber attack on, 136–60; defining the Internet, 131–32; protecting global, 135–36; system architecture perspective examination of, 180. See also civil aviation infrastructure; Internet; IT (information technology)

information infrastructure defenses: coordinated responses used in, 149–50; deficiencies of hasty, 139–41; FIRST, 152–53, 167, 168; IDIP (Intruder Detection and Isolation Protocol), 147, 148f, 149, 150–51t, 171–73, 175; integration of technologies used in, 145–47, 149; MCCD, 171, 173; need for global incident response capability, 150–54; preparing against potential attacks, 137–39; prospects for enhanced, 180–82; victim vs. law enforcer viewpoints on, 154–55. See also cyber security; international cooperation

information infrastructure weaknesses: of civil aviation system, 70; cultural vulnerabilities as, 21–29; disparities in national laws of protection/cooperation, 15–19; fashioning solution to, 29–34; revealed by hacker attacks on, 7–8, 11–15; vulnerability of existing programs as, 19–21

InfraGard, 23n.56

Internals, 137n.12 international agreements: Chicago Convention (1944) as, 72, 82, 83, 102-4, 111; COE's Draft Convention, 27-28, 227-36, 246; due process of law and, 214-18; EU Data Protection Directive (1995), 191, 199, 200; FATF model of, 95-99; filling in gaps in existing, 108-10, 114-16; FIRST, 152-53, 167, 168; IDIP, 147, 148f, 149, 150-51t, 171-73, 175; Paris Convention (1919), 101-2, 103, 111; Tokyo Convention (1963), 83, 105-6, 111-12; WIPO treaty as, 167-68. See also ICAO (International Civil Aviation Organization); Stanford Draft International Convention

International Air Traffic Association, 101 international consensus laws: administration/operation of, 60–65; arguments against, 223–24; defining, 36n.1; emerging cyber crime, 39f; MLATs (mutual legal assistance treaties) facilitating, 62–63; moving toward effective, 65–67; problems of narrowly defined, 59–60; regarding privacy of personal data, 187–92; in search of a working, 52–65; on specific conduct, 53–60. See also cyber laws

International Convention for the Suppression of Unlawful acts Against the Safety of Civil Aviation (Montreal Convention), 72, 107, 112, 116–19

International Convention to Enhance Protection from Cyber Crime and Terrorism, 66

International Convention to Enhance Security from Cyber Crime and Terrorism, 36

international cooperation: on agreed-upon means of information validation, 170; beyond local administrative domains, 170–73; due process of law as issue in, 214–18; in expanding IDIP, 171–73; facilitating trust in, 175–76; implementing actions through, 177–78; prioritizing requests for assistance from, 169–70; in R&D activities, 173–75, 179; reducing criminal "safe harbors," 176–77; Stanford Draft on criminal enforcement, 234–37; Stanford Draft on technology of, 237–44; strong case for, 221–27. See also civil aviation security

international cooperation (continued) cooperation; information infrastructure defenses; law enforcement International Covenant of Civil and

Political Rights, 215

International Data Corporation, 5 Internet: abusing, misusing, and attacking the, 132-33; benign disruption causes and security issues of, 133-34; defenses against cyber attack on, 136-60; defining, 131-32; developer-defined structure/function of, 126-29, 178; developing automated protection of, 160-67; estimated users of, 4n.1; increasing sophistication of attacks on, 134t; "network of networks" nature of, 139; pedophiles' use of, 193; physical and information architectures of, 129, 131; private-sector experts creation/ operation of, 24; prospects for enhanced security of, 180-82; standardization process of, 130f; survey on insurance coverage for, 5n.4; threatening surveillance of, 195-96; weaknesses of current system, 11-29. See also cyberspace; information infrastructure; World Wide Web

Internet Alliance, 23–24, 24, 222 Internet Drafts, 128, 149 Interpol, 54

IO (Information Operations): Canada's security protection of, 80–82; civil aviation security/infrastructure protection of, 76–80; described, 74–76; government-industry cooperation regarding, 88–89; most challenging area of, 85

IOPs (Internet operators organizations), 164

IPs (Internet Protocols), 26 IPv6 Internet Protocol, 163, 200–201 ISF (Information Security Forum), 22 ISO (International Organization for Standardization), 87

ISPs (Internet Service Providers): collection of forensic evidence from, 155–56; FSB monitoring of, 195; Internet security by, 139; IOPS membership by international, 164; legal issues surrounding, 156–58; proactive programs for Internet security by, 159–60; Stanford Draft uncertainty on role by, 235; tracking packets by,

141–45; wide range of responsibilities of, 158–59

Italy, 48

IT (information technology): countries less dependent on, 51–52; vulnerability of civil aviation transport, 74–76. *See also* information infrastructure

ITU (International Telecommunications Union), 87–88, 241–42, 247

ITU Plenipotentiary Conference, 241n.36

jamming danger, 13 Japan: computer crime statutes of, 43–44; railway system shutdown in, 18

Kahn, Robert E., 19, 129, 169 "Killer Resume" computer virus, 12

law enforcement: collection of forensic evidence by, 154–55; computer forensic issues in, 155–56; due process of laws and, 214–18; ISPs legal issues and, 156–58; permitted search and seizure by, 205–14; proposed cyber-defense alliance, 18–19, 22–23, 201–2. *See also* cyber laws; international cooperation "Legal Aspects of Computer-Related Crime in Information Society." (Sieber)

Crime in Information Society" (Sieber), 190*f* 

legally recognized authority concept, 228–29

Lessig, Lawrence, 29 Longstaff, Thomas A., 11, 166 "Love Bug" computer virus, 10n.23 Lukasik, Stephen J., 6, 24, 169 Luxembourg, 47

Malaysian computer crime statutes, 44 MCCD (Multi-Community Cyber Defense), 171, 173

"Melissa" computer virus (1999), 7–8, 20, 152

Microsoft Pocket PC computers, 12–13 Miller, Michael J., 20 Miyawaki, Raisuke, 17–18, 19 MLATs (mutual legal assistance treaties), 62–63. *See also* international cooperation

money laundering, 95–99 monitoring procedures: adherence to FATF standards of, 98–99; automated tools for, 160–66; criminal law governing, 213–14; early warning by

packet, 137-38; of ISPs by FSB, 195; by "sniffing" packets, 139–40 Montreal Convention (1971): addressing specific changes to, 72, 116-19; law enforcement component of, 112; objectives of, 107; range of offenses extended by, 83, 108, 114-15

Narcotics Convention, 112 National Crime Information Center (FBI),

National Infrastructure Protection Center,

national security (Stanford Draft), 225, 246-48

Netanel, Neil W., 25

Netherlands, 46, 47

network monitoring. See monitoring Neumann, Dietrich, 49-50, 57 Neumann, Peter G., 3, 19, 63, 67, 70

NII (National Information Infrastructure),

NIPC (National Infrastructure Protection Center) (FBI), 15

OAS (Organization of American States),

Ochanomizu Associates, 17 OECD (Organization for Economic Cooperation and Development), 54, 57– 58, 95-99, 189

Oklahoma City bombing (1995), 42n.10 Outlook (Microsoft), 20

Outlook Express (Microsoft), 20

packets: early warning by monitoring, 137-38; monitoring by "sniffing," 40; recovering track of, 143f; tracking, 141-45; viewpoint from defender's position of, 142f Palm Pilots, 12

Paris Convention (1919), 101-2, 103, 111

Parker, Donn B., 21, 22, 23 Parks, Raymond, 168

Patel, Vidyut, 70

PC Magazine, 20

pedophiles, 193

People's Republic of China, 44–45, 59 personal data legislation, 187-92

'Phonemasters" hacking ring, 7

PKI (Public Key Infrastructure) initiative (Canada), 81-82

plain view doctrine, 209-10

police behavior. See law enforcement Power, Richard, 67 "Principles on Transborder Access to

Stored Computer" (G-8 Principles), 64 privacy issues: intrusion-privacy trade-offs as, 187-92; overview of cyberspace, 192-204

privacy protection: automation as tool for, 203–4; intrusion vs., 187–92; measures taken for, 198-204; Stanford Draft on, 245-46; using unlawful surveillance, 195-96

Proposed Standard RFC, 128

R&D (research & development) cooperation, 173-75, 179 Reno, Janet, 23 Russian's Federal Security Bureau (FSB),

SARPs (Standards and Recommended Practices): adopted by OCAO, 103, 240; Stanford Draft on adoption of, 243-44

SCADA (Supervisory Control and Data Acquisition) systems, 78 search and seizure laws, 205-14 Security and Emergency Preparedness of Transport Canada, 69

SEI (Software Engineering Institute) (Carnegie-Mellon University), 11 Seychelles attempted coup (1981), 110 Sieber, Elrich, 46, 47–48, 190 Singapore, 44

Smith, David L., 7

"Solar Sunrise" attack (1998), 14n.36, 16 - 17

Spain, 46

Stanford Draft International Convention: common position document issued on, 56-57; conduct covered by, 227-32; consensus crimes discussed in, 55-56; contributions of ICA and ITU patterns to, 242-43; on cooperation in criminal enforcement, 234-37; on dispute resolution, 248; on due process of law rights, 217-18; international consensus role in, 63; jurisdiction covered by, 232-34; on national security, 225, 246–48; overview of, 27-28; preamble and articles of, 249-65; procedure for amending, 248; proposed definitions of, 60; on protection of individual rights,

Stanford Draft International Convention (continued)
244–46; required provisions for domestic law in, 202, 229–32; on specifying criminal offenses, 53; on structure for technological cooperation, 237–44
states: balancing civil liberties and security of, 184–85, 207–14, 218–20; cyber security policies encouraged by, 179–80; disparity of cyber laws among, 15–

of, 184–85, 207–14, 218–20; cyber security of, 184–85, 207–14, 218–20; cyber security policies encouraged by, 179–80; disparity of cyber laws among, 15–19, 224; information warfare by, 126; rejection of ICAO standards by, 109; Stanford Draft on domestic law of, 202, 229–32; Stanford Draft on individual rights afforded by, 244–46; Stanford Draft on jurisdiction of, 232–34; Stanford Draft on national security of, 225, 246–48; Stanford Draft on technological cooperation role by, 237–44. See also cyber laws; government intervention

Taiwan-China "hacker" wars (1999–2000), 9

Taiwanese criminal code, 42–43 technological cooperation structure. *See* international cooperation

Telecommunications Ordinance (Hong Kong), 44

Telegraph Convention, 241

terrorism. See civil aviation terrorism; cyber terrorism

Thailand, 45

Third Pillar (EU), 48–49, 50

"timely tracking" of attacks, 161–63 "Timofonica" computer virus, 12

Tokyo Convention (1963), 83, 105–6, 111–12

Tokyo Stock Exchange shutdowns, 18 "Transborder Access to Stored Data Not Requiring Legal Assistance" (G-8 Principles), 64–65

transnational cyber crime. *See* cyber crime transportation terrorism. *See* civil aviation terrorism

"trap doors" standards, 26

"trawling warrants," 210–11 Trojan horses, 13–14, 46 TRUSTe, 28n.72

UK Foundation for Information Policy Research, 194

undercover agents, 209

UNDP (United Nations Development Program), 241

United Kingdom, 46, 47

United Nations: ICAO operating under, 72; privacy of personal data standards by, 191–92

United States: comparison of EU personal data security and, 199; cyber laws of, 39–42, 59, 60; early personal data legislation in, 189; Fifth Amendment of, 157; identity theft increase in, 193; laws covering computer theft, 41n.7; penetration of government computer systems of, 165–66; response to civil aviation terrorism by, 109

United States Committee on Crime Prevention and Criminal Justice, 54 Universal Declaration of Human Rights (1948), 188, 215

U.S. Department of Defense (DOD), 16, 171

U.S. Department of Transportation, 109 U.S. Federal Aviation Administration (FAA), 70

U.S. Federal Trade Commission, 193 U.S. GAO report, 165–66

Vatis, Michael A., 66 Vietnam, 45

Wang, Xiaogang, 37
Whiteman, H. H., 69, 72
Wilensky, Robert, 129
Windows (Microsoft), 20
WIPO (World Intellectual Property
Organization) treaty, 167–68
wiretaps, 210–11
World Wide Web: Internet Drafts posted
on the, 128; privacy policies posted on
the, 193. See also Internet