

Index

Page references include both a volume number and a page number (for example, 1:286 refers to volume 1, page 286). Boldface page references signify the location of main articles. Italic page references indicate illustrations.

I A I

- Abbe, Ernst, 2:270
- ABMT. *See* Advanced biomedical technologies program (ABMT)
- ABM Treaty. *See* Anti-Ballistic Missile Treaty (1972)
- Abrams, Elliott, 2:156
- Abu Nidal Organization (ANO), **1:1**
- Abu Sayyf Group (ASG), **1:1–2**
- Abwehr, **1:2–3**, 2:64
- Acambis, Inc., 3:87
- ACC. *See* Air Combat Command (ACC)
- Acheson, Dean, 1:325
- Acoustic bullets. *See* Audio Amplifiers
- Acoustics and acoustic devices, 1:69–70
- Acoustic stealth. *See* Stealth technology
- Adams, John Quincy, 1:28
- ADF. *See* Allied Democratic Forces (ADF)
- ADFGX Cipher, **1:3–4**, 1:205, 1:4
- ADIO. *See* Australian Defense Intelligence Organization (ADIO)
- Adleman, Leonard, 1:286
- Advanced biomedical technologies program (ABMT), 1:119
- Advanced Encryption Standard, 1:227, 1:228, 1:291, 1:396
- Advance Passenger Information System (APIS), **1:44–45**, 3:72
- Aerial photography and reconnaissance, 1:73–76, 2:59
balloon development for, 1:92
- Aeronautical and aerospace research (NASA), 2:298
- AES. *See* Atomic emission spectroscopy (AES)
- AFGE. *See* American Federation of Federal Employees (AFGE)
- Afghanistan
Al-Qaeda base in, 1:27, 1:149, 3:68
Communists in, 1:196
Operation Enduring Freedom, 1:397–398, 2:274
Soviet invasion of, 1:240
- Aflatoxin, **1:5**, 3:166
- AFOSI. *See* Air Force Office of Special Investigations (AFOSI)
- Africa
European colonies in, 1:6
U.S. security policy and interventions, **1:5–9**, 1:6
- AFTAC. *See* Air Force Technical Applications Center (AFTAC)
- Agent Orange, **1:9–10**, 1:181
- AIA. *See* Air Intelligence Agency (AIA); American Institute of Architects (AIA)
- AIDS
Soviet disinformation on, 1:333
vaccine research, 3:224
- Airborne Command Post (Looking Glass), **2:237**, 2:238
- Air Combat Command (ACC), 1:12
- Air Commerce Act (1926), 2:2
- Aircraft
hypersonic and rocket powered, 2:90–92
Identification Friend or Foe (IFF), 2:98
intelligence gathering, 1:11–13
- Aircraft carrier, **1:17–20**, 1:18
- Air Force intelligence (U.S.), **1:11–13**, 1:12
- Air Force Office of Special Investigations (AFOSI), **1:13–14**
- Air Force Technical Applications Center (AFTAC), 1:12
- Air Force (U.S.)
Tethered Aerostat Radar System, 1:94
- Air Intelligence Agency (AIA), 1:12
- Airline security, **1:20–22**, 1:21
- Air marshals, U.S., **1:14–16**, 1:15
- Air plume and chemical detection, **1:16–17**
- Airport security, 1:20–21
See also Airline security
- Air purification
contamination/decontamination, **1:10–11**, 1:10
- Airships, 1:93
See also balloon flight
- Air technical intelligence, 1:73–76
- Air wings (aircraft carriers), 1:17–18
- Al-Aqsa Martyrs Brigade (Palestine), **1:23**
- Alaskan Pipeline, 2:384
- al-Banna, Sabri, 1:1
- Alberti, Leon Battista (1404–1472), 1:204, 1:227, 1:288
- Albright, Madeleine, 1:325
- Alcohol Tax Unit (ATU), 1:68
- Alex Boncayao Brigade (ABB, Philippines), **1:23**
- Al-Gama'a al-Islamiyya (Islamic Group, IG), **1:23–24**
- Algorithms and data mining, 1:307
See also Ciphers, algorithmic
- Alien Registration Act (1940), 2:251
- ALIR. *See* Army for the Liberation of Rwanda (ALIR)
- Al-Ittihad al-Islami (AIAI), **1:24**
- Al-Jama'a al-Islamiyyah al-Muqatilah bi-Libya, **1:25**
- Al-Jihad, **1:25**
- Al-Kindi, Abu Yusef, 1:226
- Allende, Salvador, 1:29
- Allied Democratic Forces (ADF), **1:26**
- Al-Owhali, Mohamed Rashad Daoud, 2:200
- Al-Qaeda, 1:6, **1:26–27**
'Asbat al-Ansar funding from, 1:57
assassinations, 1:61
in Canada, 1:162
capture of Khalid Sheikh Mohammed, 1:49
intelligence on, 3:146
September 11 attacks on U.S., 3:68, 3:270
treatment of POWs, 2:125
USS *Cole* incident, 3:216–217
wanted poster for leaders of, 1:277
- Al-Qaida. *See* Al-Qaeda
- Al-Zawahiri, Aiman, 1:277
- American Airlines

- hijacked flights—9/11, 3:69
LAX terminal, 1:21
- American Civil Liberties Union (ACLU), 2:448
- American Communist Party, 2:252–253
- American Federation of Federal Employees (AFGE), 1:77
- American Institute of Architects (AIA), 1:49
- American Media Inc., 1:40
- American Revolution
espionage and intelligence in, 3:21–23
guerrilla warfare tactics in, 2:74, 3:206
- American Society of Civil Engineers
WTC tower collapse study, 1:50
- Americas, modern U.S. security policy and interventions, 1:28–31
- Ames, Aldrich H., 1:31–33, 1:196, 2:280–281
- Analytical chemistry, 1:183
See also Chemistry; Forensic chemistry
- Anarchism ideology, 3:148
- Andrea Doria* (aircraft carrier), 1:20
- Angleton, James, 1:202, 2:281
- Anglo-Russian Convention (St. Petersburg, 1907), 2:72
- Angola, 1:8
- Animal research
adaptations and behaviors derived from genetic, 1:113
Anthropod-borne Animal Disease Research Laboratory (USDA), 1:109
- ANO. *See* Abu Nidal Organization (ANO)
- Anthrax, 1:33–34, 2:279, 3:214
American Media Inc. cleanup site, 1:40
biodetector defense against, 1:111
as biological weapons, 1:34–37, 1:39–41, 1:43, 2:103
biotechnology and, 1:36–37
ease of delivery, 1:36
in Iraq, 2:165
military research of, 1:36
production of, 1:36–37
reward poster, 1:35
spores, 3:109–110, 3:244–245
testing on Gruinard Island, 1:118
vaccine, 1:37–39, 1:38
- Anthropod-borne Animal Disease Research Laboratory (USDA), 1:109
- Anti-Ballistic Missiles (ABM), 3:120–121
- Anti-Ballistic Missile Treaty (1972), 1:41–42, 3:121
- Antibiotics, 1:43–44
genomic research in, 2:57–58
National Pharmaceutical Stockpile Program (NPS), 1:126, 1:319
resistance to, 1:43, 1:81, 1:82–83, 2:265
stockpiling of, 1:125
- Anti-drug campaign
Anti-Drug Abuse Act (1988), 1:362
Anti-drug advertising, 1:362
Drug-Free Communities Act (1997), 1:362
- Anti-government groups (U.S.), 3:143–144
- Anti-imperialist Territorial Nuclei (NTA, Italy), 1:44
- Anti-spam legislation, 2:144
- Anti-Terrorism, Crime and Security Act, U.K. (2001), 2:123
- Apartheid, 1:8
- APIS. *See* Advance Passenger Information System (APIS)
- Apollo space program
need for miniaturized electronics, 2:266
PNNL analysis of lunar materials, 2:394
- Arab-Israeli wars, 2:273
- Arab Revolutionary Brigades. *See* Abu Nidal Organization (ANO)
- ARAC. *See* Atmospheric Release Advisory Capability (ARAC)
- Arbenz Guzman, Pres. Jacobo (Guatemala), 1:29
- Archeology and artifacts
changing practices of preservation, 1:46
Holocaust plunder, 1:47
wartime protection of, 1:45–48
See also Art and antiquities
- Architecture
building risk assessment software (RAMPART), 1:49
hidden security checkpoints, 1:50
structural security and, 1:48–50
- Area 51 (Groom Lake, Nevada), 1:51
- Argentina, intelligence and security, 1:51–53
- Argonne National Laboratory, 1:53, 1:54, 1:111
- Aristide, Pres. Jean-Bertrand (Haiti), 1:30
- Armed Islamic Group (GIA), 1:54
- Arms control
Conventional Forces Europe (CFE) Agreement, 1:147
United States Bureau of, 1:55
See also Gun control; Nuclear arms control
- Arms control agreements
ballistic missiles and nuclear arsenal, 1:76, 1:89
satellite verification, 3:45
- Arms Export Control Act, 2:155
- Army Field Manual forgery, 1:348
- Army for the Liberation of Rwanda (ALIR), 1:55
- Army Security Agency (ASA, U.S.), 1:56, 2:209
- Army Signal Intelligence Service, U.S. (SIS). *See* Signal Intelligence Service (SIS, U.S. Army)
- Army Signal Security Service, U.S. *See* Signal Intelligence Service (SIS, U.S. Army)
- ARPANet, 2:141
- Arson investigations, ATF, 1:68
- Art and antiquities
looting of, 1:45–46
Napoleonic Wars destruction of, 1:46
Nazi Germany “Great Theft,” 1:47
repatriation of, 1:46
- ASA. *See* Army Security Agency (ASA, U.S.)
- ‘Asbat al-Ansar, 1:57
- ASG. *See* Abu Sayyaf Group (ASG)
- Ashcroft, John, 2:318
- Asia
Britain-Russian imperialistic rivalry over, 2:70–72
IMF focus on, 2:99
- Asilomar Conference, 1:57–58
- Aspin, Secretary. of Defense Les, 1:7–8
- Assassination, 1:58–62
Al-Qaeda and, 1:60–61
attempts, 1:60–61
biochemical techniques, 1:63–64
biochemical weapons, 1:106–108
electronic triggers, 1:329
history of, 1:58, 1:60–61
mechanical weapons, 1:62–65
- Astronauts, U.S., 2:299
- Asymmetric warfare, 1:68
- ATF (United States Bureau of Alcohol, Tobacco, and Firearms). *See* Bureau of Alcohol, Tobacco, and Firearms (ATF)
- Atmospheric Release Advisory Capability (ARAC), 1:68–69
- Atomic bomb, 2:23
- Atomic emission spectroscopy (AES), 2:24
- Atomic Energy Detection System (USAEDS). *See* U.S. Atomic Energy Detection System (USAEDS)
- ATSA. *See* Aviation and Transportation Security Act (ATSA)
- ATU. *See* Alcohol Tax Unit (ATU)
- Aubisson, Roberto d’, 1:30
- Audio amplifiers, 1:69–70
- Aum Shinrikyo, Aleph, 1:139
use of nerve gas, 1:36, 1:40–41, 1:64, 3:40
See also Aum Supreme Truth (Aum)
- Aum Supreme Truth (Aum), 1:71
See also Aum Shinrikyo, Aleph
- Australia, intelligence and security, 1:71–72
- Australian Defense Intelligence Organization (ADIO), 1:72
- Austria, intelligence and security, 1:73
- Aviation and Transportation Security Act (ATSA), 1:14, 1:20–21, 1:77, 1:209
- Aviation intelligence
Air Force intelligence, 1:11–13
history of, 1:73–76