

BIBLIOGRAPHY

- Abeyratne, R. I. R., *Legal and Regulatory Issues in International Aviation*, Transnational Publishers, Inc., 1996.
- Adair, Bill, "28 Seconds; The Mystery of U.S. Air 427," *St. Petersburg Times*, August 1999.
- Adelsberger, Bernard, "Graying Government," *Government Executive Magazine*, January 1998.
- Aerospace Industries Association, *Aerospace Facts and Figures*, Washington, D.C., 1998, p. 115.
- _____, *Aerospace Facts and Figures*, Washington, D.C., 1992, 1995, and 1997, Table of Active U.S. Air Carrier Fleet.
- AfterMath*, compilation of articles from *Flying Magazine*, New York: Hachette Filipacchi Magazines, Inc., 1994.
- Air Accidents Investigation Branch, Department of the Environment, Transport and the Regions, *Report on the Accident to HS748, Series 2A, G-ATMI at Liverpool Airport*, Aircraft Accident Report No: 1/99 (EW/C968/8), Hampshire, England, August 1996.
- Air Crash Disaster at John F. Kennedy International Airport on June 24, 1975, Nos. 5, 6, Dockets 78-7596, 79-7063, U.S. Court of Appeals, 2d Cir., 635 F.2d 67; 1980 U.S. App. LEXIS 13363; 7 Fed. R. Evid. Serv. (Callaghan) 21; 15 Av. Cas. (CCH), p184, 551, *decided* October 6, 1980.
- Air Crash Disaster at Sioux City, Iowa, on July 19, 1989, 89 C 8082, Master File No. MDL-817, U.S. District Court for the Northern District of Illinois, 780 F. Supp. 1207; 1991 U.S. Dist. LEXIS 18417, *docketed* December 30, 1991.
- Air Line Pilots Association, submission to the NTSB regarding the accident involving USAir Flight 427, Washington, D.C., September 8, 1994.
- Airbus Industrie, "Global Market Forecast 1998-2017," AI/CP 390.0043/98, Blagnac, France, April 1998.
- Airclaims, LLP, *Worldwide Hull and Liability Data*, London, England, 1998.
- Aircraft Owners and Pilots Association, *1998 Nall Report: Accident Trends and Factors for 1997*, Frederick, Md., July 1998.
- Alizart, Robert, "Look at the Source," *Aviation Week & Space Technology*, February 1997.

American Airlines, Inc. v. U.S., 418 F.2d 180 (5th Cir. 1969).

American Airlines, Inc., v. United States of America and Sara Ann Creasy, Appellees, v. United States of America, No. 26185, U.S. Court of Appeals, September 25, 1969, rehearing denied November 17, 1969.

Anderson, John, H., *Management and Performance Issues Facing the Department in Fiscal Year 1999*, testimony before the Subcommittee on Transportation, Committee on Appropriations, House of Representatives, Washington, D.C., GAO-98-76, February 1998.

Anselmo, Joseph C., "Acquisition Would Fuel Boeing Space Resurgence," *Aviation Week & Space Technology*, January 1997.

_____, "NASA, FAA Team on Aeronautics," *Aviation Week & Space Technology*, October 1998.

Arslanian, Paul, Directeur-Generale, Bureau of Accident Investigations, personal communication, Paris, France, September 1998.

Atwood, Roy T., "Admissibility of National Transportation Safety Board Reports in Civil Air Crash Litigation," *Journal of Air Law and Commerce*, Vol. 53, No. 2, 1987.

Augustine, N., "Unhappy Birthday: America's Aerospace Industry at 100," *Aerospace America*, February 1997.

Aviation Safety: Issues Raised by the Crash of Valujet Flight 592, hearing before the Subcommittee on Aviation Committee on Transportation and Infrastructure, House of Representatives, CIS-NO, 97-H751-7, March 1997.

"Aviation Source Book," *Aviation Week & Space Technology*, Vol. 146, No. 2, January 1997.

"Aviation Source Book," *Aviation Week & Space Technology*, Vol. 148, No. 2, January 1998.

Barnett, A., et al., *Airline Safety, the Recent Record*, NEXTOR Research Report RR-98-7, National Center of Excellence in Aviation Operations Research, Massachusetts Institute of Technology, Cambridge, Mass., May 1998.

Bar-Yam, Yaneer, *Dynamics of Complex Systems*, Boulder, Colo.: Perseus Books Group, August 1997.

Bateman, Don, "Development of Ground Proximity Warning Systems," report presented at the CFIT Conference, Royal Aeronautical Society, London, England, November 1994.

Battelle, Inc., *NASA Aviation Safety Reporting System: Overview of Operations*, Moffett Field, Calif., 1997.

Baum, Christopher, and Michael Huhn, "Information Technology in a Large Scale Aircraft Accident Investigation," Conference of the International Society of Air Safety Investigators, Anchorage, Alaska, October 15, 1997.

Beaty, David, *The Human Factor in Aircraft Accidents: The Naked Pilot*, Shrewsbury, England: Airlift Publishing Ltd., 1995.

Beckman, Tom, *Knowledge Management: A Technical Review*, Washington, D.C.: George Washington University, May 1999.

Beech Aircraft Corporation, Petitioner v. Rainey, John C., et al., Supreme Court of the United States, 488 US 153; 109 S. Ct. 439; 1988 U.S. LEXIS 5631; 102 L. Ed. 2d 445; 57 U.S.L.W. 4043; 26 Fed. R., Evid. Serv. (Callaghan) 257; 1989 AMC 441, *decided* December 12, 1988.

Benna v. Reeder Flying Serv., Inc., 578 F.2d 269 (9th Cir. 1978).

Benzon, Robert, remarks in *Aviation Accident Investigation Symposium, Report of Proceedings*, Vol. II: Participant Presentations, Tysons Corner, Va.: National Transportation Safety Board, March 29, 1994.

_____, Major Investigations Division, NTSB Office of Aviation Safety, personal communication, Summer 1998.

Berguido, Marion J., v. Eastern Air Lines, Incorporated, Appellant, U.S. Court of Appeals 3d Cir., 317 F.2d 628; 1963 U.S. App. LEXIS 5776; 7 Fed. R. Serv. 2d (Callaghan) 1098; 8 av. Ca. (CCH), p17,537, *decided* March 25, 1963.

Boeing Commercial Airplane Company, *1997 Current Market Outlook*, Seattle, Wash., June 1997.

_____, submission to National Transportation Safety Board, Docket No. DCA94MA076, September 30, 1997.

_____, "Structures Engineering Support for Out-of-Production Airplanes," *Aero*, Issue No. 02, April 1998.

_____, *1998 Current Market Outlook*, Seattle, Wash., May 1998.

_____, *Statistical Summary of Commercial Jet Airplane Accidents, Worldwide Operations, 1959-1997*, Seattle, Wash., June 1998.

Brenner, M., "Multi-Engine Turbojet Uncommanded Upsets Structured Callback," summary for National Transportation Safety Board, Moffett Field, Calif.: NASA Ames Research Center, November 8, 1995.

Broderick, Anthony J., "My New Perspective on NTSB and FAA Certification," *Journal of Air Law and Commerce*, February 1997.

_____, Federal Aviation Administration, personal communication, Washington, D.C., 1998.

Bueneke, Richard, "AFSPC Board Blames Faulty Wiring for Titan IVA Loss," *Air Force Space Command News Service*, January 1999.

Bureau of Air Safety Investigation (Australia), Department of Transport and Regional Development, *Human Factors in Fatal Aircraft Accidents*, Canberra, Australia, August 1996.

_____, *Advanced Technology Aircraft Safety Survey Report*, Canberra, Australia, June 1998.

Butler, R., et al., "The Infeasibility of Quantifying the Reliability of Life-Critical Real-Time Software," *IEEE Software Engineering Transactions*, Vol. 18, No. 1, January 1993.

Campbell, Daniel D., *NTSB Investigations and Civil Litigation: Review of the Rules and Reasons for NTSB Priority*, ABA Division for Professional Education, 1996.

_____, NTSB General Counsel, personal communication, February 1999.

_____, NTSB General Counsel, personal communication, March 1999.

_____, NTSB General Counsel, interview, April 1999.

Campbell v. Keystone Aerial Surveys, Inc., 138 F.3d 1996 (5th Cir. 1998).

Carey, Susan, and Scott McCartney, "Northwest's Older Jets Tax Maintenance, Lead to Service Disruptions," *Wall Street Journal*, June 1998.

Carley, W., "United 747's Near Miss Initiates a Widespread Review of Pilot Skills," *Wall Street Journal*, March 19, 1999.

Case-Jacky, Amy, Administrative Officer, Office of Aviation Safety, personal communication, April 1999.

Chamberlain, Claudine, "Air Crashes Bring Unique Pain," *ABCNEWS.com Health & Living*, September 1998.

Clifford, Robert A., "Plaintiff's Perspective--Air Apparent," remarks at the annual meeting of the American Bar Association Litigation Section, Dallas, April 14, 1999.

Coarsey-Rader, Carolyn, "Communication as a Coping Technique for Aviation Safety Investigators," *Proceedings of the 97 International Society of Air Safety Investigators*, 1997.

_____, "NTSB Employee Workload and Stress," report to NTSB Chairman Jim Hall, January 22, 1998.

_____, "NTSB Employee Workload and Stress: Findings from Phase II," report to NTSB Chairman Jim Hall, September 1998.

Collins, Richard L., *Air Crashes*, New York: Collier MacMillan Publishers, 1986.

"Congress Weighs Airlines Taxes," *Aviation Week & Space Technology*, February 1997, p. 48.

Connors, Mary, and Irving Statler, NASA Ames Research Center, personal communication, September 1998.

Cornford, Steven, "Defect Detection and Prevention in the Risk Management Process," NASA Risk Management Course briefing, NASA Jet Propulsion Laboratory, Pasadena, Calif., November 1996.

Corrie, Stephan, "The US Aviation Safety Reporting System," *1997 World Aviation Congress*, Anaheim, Calif., October 1997.

Corrigan, T., et al., *GPS Risk Assessment Study Final Report*, The Johns Hopkins University, Applied Physics Laboratory, Laurel, Md., January 1999, pp. 5-6.

Covault, C., "Titan, Delta Failures Force Sweeping Reviews," *Aviation Week & Space Technology*, May 10, 1999, p. 28.

Coyle, Shawn, *Aircraft On-Board Navigation Data Integrity: A Serious Problem*, Working Group Report, Transport Canada, Office of Safety and Security, Ottawa, Canada, June 1997.

"Crew Unsure of Position on Approach to Cali," *Aviation Week & Space Technology*, May 1996.

Crouch, T., *The Bishop's Boys: A Life of Wilbur and Orville Wright*, New York: W. W. Norton & Company, June 1990.

Culhane, William, Vice President for Line Maintenance, American Airlines, personal communication, June 1999.

Cullen, Jonathan, "With Latest Crash, Air Force Giving Victims' Families High Priority," *Inside the Air Force*, January 1999.

Daniels v. Tew Mac Aero Servs., 675 A.2d 984 (Maine, 1996).

Davenport, Thomas H., and Lawrence Prusak, *Working Knowledge: How Organizations Manage What They Know*, Cambridge, Mass.: Harvard Business School Press, 1997.

Department of Commerce, Bureau of the Census, *Current Population Survey*, Washington, D.C., 1997.

Department of Transportation, Bureau of Transportation Statistics, *National Transportation Statistics 1998*, Washington, D.C., December 1998.

"Despite Consolidation, Aerospace Offers Attractive Employment Opportunities and Salaries," *Aviation Week & Space Technology*, February 8, 1999.

DiDonato, M., "The Economic Considerations of Operating Post Production Aircraft Beyond Design Service Objectives," AIG 2nd Annual Conference on Heavy Maintenance and Upgrades, London, England, December 4, 1997.

Dill, David L., and John Rushby, *Acceptance of Formal Methods: Lesson from Hardware Design*, SRI International Computer Science Laboratory, 1996.

Dillingham, Gerald L., "Targeting and Training of FAA's Safety Inspector Workforce," testimony before the Subcommittee on Governmental Management, Committee on Governmental Affairs, U.S. Senate, GAO-96-26, Washington, D.C., April 1996.

_____, "Challenges to Implementing the Recommendations of the White House Commission on Aviation Safety and Security," testimony before the Subcommittee on Aviation, Committee on Commerce, Science and Transportation, U.S. Senate, GAO-97-90, Washington, D.C., March 1997.

_____, "FAA's Use of Emergency Orders to Revoke or Suspend Operating Certificates," testimony before the Subcommittee on Aviation, Committee on Transportation and Infrastructure, House of Representatives, GAO-98-253, Washington, D.C., August 1998.

Dimensions International, Inc., *General Aviation and Air Taxi Activity Survey: Annual Summary Report 1996 Data*, Alexandria, Va., APO-110, 1996.

Doe v. Sullivan, 938 F.2d 1370, No. 91-5019, USApp DC 111, heard March 18, 1991, decided July 16, 1991.

Donaldson, William, and Associated Retired Aviation Professionals, "Interim Report on the Crash of TWA Flight 800 and the Actions of the NTSB and the FBI," Committee on Transportation & Infrastructure, Subcommittee on Aviation, U.S. House of Representatives, Washington, D.C., July 1998.

Donaldson, T., and E. Poggio, *Depot Inspection and Repair Capability: Unique or Redundant*, Santa Monica, Calif.: RAND, R-1503-PR, November 1974.

Donoghue, J. A., "Changing the Future," *Air Transport World*, May 1998.

Dornheim, Michael, "Dramatic Incidents Highlight Mode Problems in Cockpits," *Aviation Week & Space Technology*, January 1995a.

_____, "Modern Cockpit Complexity Challenges Pilot Interfaces," *Aviation Week & Space Technology*, January 1995b.

_____, "Recovered FMC Memory Puts New Spin on Cali Accident," *Aviation Week & Space Technology*, September 1996.

_____, "ASRS Fights to Curb Dangerous Trends," *Aviation Week & Space Technology*, November 4, 1996.

Drezner, J., et al., *Innovative Management in the DARPA High Altitude Endurance Unmanned Aerial Vehicle Program: Phase II Experience*, Santa Monica, Calif.: RAND, MR-1054-DARPA, 1999.

DRI/McGraw-Hill, Standard & Poor's, and U.S. Department of Commerce/International Trade Administration, *U.S. Industry and Trade Outlook 1998: Transportation, Industry-by-Industry Overview of the U.S. Economy--From Manufacturing to High-Tech to Service Industries*, Washington, D.C., 1998, pp. 43-47.

Duarte, D., et al., *Mastering Virtual Teams: Strategies, Tools, and Techniques that Succeed*, San Francisco: Jossey-Bass, 1999.

Dunham, Gail A., President, National Air Disaster Alliance/Foundation, comments to the RAND Corporation, The Institute for Civil Justice on the National Transportation Safety Board and the Party System, December 4, 1998.

Dyer, B., "Risk Management and its Application to Air Carrier Safety," *Journal of Air Law and Commerce*, June 1996.

Ender, J., et. al, "Review of NTSB Staffing and Training: Study Team Final Report," consultant's report, Bethesda, Md., February 22, 1996.

Eschwege, Henry, "Transportation Safety Board Could Improve Its Planning Process," letter to James King, National Transportation Safety Board, May 1980.

European Space Agency, Office of the Director General, "Inquiry Board Report: Ariane 5 Flight 501 Failure," Paris, France, July 19, 1996.

Evid. Serv. (Callaghan) 257; 1989 AMC 441, December 12, 1988.

Farrier, Thomas A., "Breaking the Codes: Barriers to Effective Collection and Retrieval of Safety Data," Conference of the International Society of Air Safety Investigators, Anchorage, Alaska, October 15, 1997.

Federal Aviation Administration, U.S. Department of Transportation, *Census of U.S. Civil Aircraft*, Washington, D.C., February 1995.

_____, *B737 Flight Control System Critical Design Review Report*, Washington, D.C., May 1995.

_____, *Plan for Research, Engineering, & Development*, Washington, D.C., May 1996.

_____, *FAA Human Factors Team Report on: The Interfaces Between Flightcrews and Modern Flight Deck Systems*, Washington, D.C., June 1996.

_____, *Aviation Forecasts, Fiscal Years 1997-2008*, Office of Aviation Policy and Plans, Washington, D.C., FAA APO-97-1, March 1997.

_____, *GAIN--Worldwide Sharing, Analysis, and Dissemination of Aviation Safety Information*, Office of System Safety, Washington, D.C., June 1997.

_____, *Aircraft Utilization and Propulsion Reliability Report*, Washington, D.C., 1998a.

_____, *FAA Aviation Career Series: Pilots & Flight Engineers*, Washington, D.C., 1998b.

_____, *Plan for Research, Engineering, & Development*, Washington, D.C., February 1998a.

_____, "1998 Federal Aviation Administration Plan for Research, Engineering, & Development," *Report of the FAA to the United States Congress, US Code 44501 (C)*, February 1998b.

_____, *Strategic Plan*, Washington, D.C., May 1998.

_____, *Long-Range Aviation Forecasts, Fiscal Years 2010, 2015 and 2020*, Office of Aviation Policy and Plans, June 1998.

_____, "FAA Unveils Major Step Forward in Personnel Reform," press release, June 17, 1998.

_____, "Aging Transport Non-Structural Systems Plan," Appendix IV: NASDAC Study, Washington, D.C., July 1998.

_____, FAA Architecture and Systems Engineering Directorate, "Redundant Radionavigation Service in the National Airspace System: An Analysis of Needs and an Assessment of Alternatives beyond 2000," Washington, D.C., October 1998.

_____, *NAS Architecture: Version 4*, Washington, D.C., January 1999.

_____, *Draft Interim Safety Guidance for Reusable Launch Vehicles*, FAA Associate Administrator for Space Transportation, Washington, D.C., January 4, 1999.

_____, *Reusable Launch Vehicles and Concepts*, Washington, D.C., February 1999.

_____, *Commercial Space Transportation Advisory Committee (COMSTAC) Report: 1999 Commercial Space Transportation Forecast*, Washington, D.C., May 1999a.

_____, *1996 General Aviation and Air Taxi Activity Survey*, Washington, D.C., May 1999b.

Fensch, Thomas, "Associated Press Coverage of a Major Disaster: The Crash of Delta Flight 1141," *Journalism*, Hillsdale, N.J.: Lawrence Erlbam Associates, Inc., 1990.

Fidelity & Casualty Co. of New York v. Frank, 214 F.Supp 803 (D. Conn. 1963).

Flight Safety Foundation, "Getting Out Alive--Would Smoke Hoods Save Airline Passengers or Put Them at Risk?" *Cabin Crew Safety*, Vol. 28, No. 6, November/December 1993, Vol. 29, November 1993, January/February 1994 (double issue).

_____, *The Dollars and Sense of Risk Management and Airline Safety*, ICARUS Committee Report, Arlington, Va., December 1994.

_____, *Controlled Flight into Terrain: Education and Training Aid*, Alexandria, Va., June 1997.

_____, *Air Carrier Voluntary Flight Operational Quality Assurance Program*, prepared under contract to the Federal Aviation Administration, DTFA01-92-C-00010, Alexandria, Va., 1998.

Fox, Mitch, "Use of Quality Systems at Training Centers Helps Meet Demand for Skilled Personnel," *ICAO Journal*, May 1998.

Francis, Iggy, Administrative Officer, Office of Research and Engineering, NTSB, personal communication, March 1999.

Fredrick, Stephen A., *Unheeded Warning: The Inside Story of American Eagle Flight 4184*, New York: McGraw-Hill, 1996.

Fulghum, David A., "ANG Pilot: TWA Jet Hit by Object," *Aviation Week & Space Technology*, March 1997.

Fultz, Keith, O., "Immediate Action Needed to Improve Security," testimony before the Committee on Commerce, Science and Transportation, U.S. Senate, GAO-96-237, Washington, D.C., August 1996.

_____, "Technology's Role in Addressing Vulnerabilities," testimony before the Subcommittee on Science, House of Representatives, GAO-96-262, Washington, D.C., September 1996a.

_____, "Urgent Issues Need to Be Addressed," testimony before the Subcommittee on Aviation, Committee on Transportation and Infrastructure, House of Representatives, GAO-96-251, Washington, D.C., September 1996b.

GAO--See U.S. General Accounting Office.

Garvey, Jane, FAA Administrator, internal FAA memo to the staff from Washington, D.C., headquarters, October 1, 1998.

General Aviation Manufacturers Association, *General Aviation Statistical Databook*, Washington, D.C., 1998.

_____, *General Aviation Statistical Databook*, Washington, D.C., 1999.

Gerdsmeier, T., et al., *Formalising Failure Analysis*, Research Report RVS-OCC-97-06, Bielefeld, Germany: University of Bielefeld, June 1997.

Gibson v. National Transportation Safety Board, 118 F.3d 1312 (9th Cir. 1997).

Giese, R., "Using Emerging Computer Hardware, Software and Communication Technologies in Fleet Management," *SAE Advances in Aviation Safety Conference & Exposition*, Daytona Beach, Fla., April 1998.

Goglia, John, statement at Avcon '98 Conference, Lloyd's of London and the Litigation Section of the American Bar Association, London, England, September 15-16, 1998.

Golich, Vicki L., *The Political Economy on International Air Safety: Design for Disaster?* New York: St. Martin's Press, 1989.

Gosling, G., "Aviation System Performance Measures," working paper, National Center for Excellence in Aviation Operations Research, University of California at Berkeley, Berkeley, Calif., January 1999.

GRA, Inc., *A Report on Issues Related to Public Interest in Aviation Safety Data*, prepared for the Federal Aviation Administration, Washington, D.C., January 1997.

Grabowski, Martha, and Karlene Roberts, "Risk Mitigation in Large Scale Systems: Lessons from High Reliability Organizations," *California Management Review*, April 1996.

Graham v. Teledyne-Continental Motors, 805 F.2d 1386 (9th Cir. 1986).

Greenfield, Michael, *The Changing Face of NASA and Aerospace*, Washington, D.C.: National Aeronautics and Space Administration, November 1998a.

_____, *Normal Accident Theory: The Changing Face of NASA and Aerospace*, NASA Briefing to Industry, Hagerstown, Md., November 1998b.

_____, "Risk Management: Risk as a Resource," *Aerospace/USAF SMC 2nd Risk Management Symposium*, Long Beach, Calif., February 1999.

Grunwald, Michael, "FBI Is Assailed in TWA Probe," *Washington Post*, November 1998.

Hagy, H. Keith, remarks in *Aviation Accident Investigation Symposium, Report of Proceedings*, Vol. II: Participant Presentations, Tysons Corner, Va.: National Transportation Safety Board, March 29, 1994.

Haines, Tim, National Air Traffic Controller Association, personal communication, May 21, 1999.

Hall, Jim, chairman of NTSB, "Aircraft Accident Investigation Process of the National Transportation Safety Board," testimony before the Committee on Commerce, Science, and Transportation, Washington, D.C., April 1997.

_____, "Air and Space Law," address before the American Bar Association Forum, San Francisco, July 1998.

_____, address before the NTSB *International Symposium on Family and Victim Assistance for Transportation Disasters*, Washington, D.C., September 28, 1998.

_____, testimony before the Subcommittee on Aviation, Committee on Transportation and Infrastructure, House of Representatives, regarding reauthorization of the NTSB, May 6, 1999.

Hansen, Janet S., and Clinton V. Oster, Jr., *Taking Flight: Education and Training for Aviation Careers*, Washington, D.C.: National Academy Press, 1997.

Hanson, Christopher, "The Dark Side of Online Scoops," *Columbia Journalism Review*, May/June 1997.

Harr, Jonathan, "The Crash Detectives," *The New Yorker*, August 1996.

Hazelwood, Ed, "ICAO Deflects Global Financing Scheme," *Aviation Week & Space Technology*, June 1998.

Hecker, Daniel, "How Hours of Work Affect Occupational Earnings," *Monthly Labor Review*, October 1998.

Hedges, Stephen J., Richard J. Newman, and Peter Cary, "What's Wrong with the FAA," *U.S. News and World Report*, June 16, 1998, p. 36.

"Heed the Lessons of the Flight 800 Mess," *Aviation Week & Space Technology*, Vol. 150, No. 20, May 17, 1999.

Helfrick, Albert, "Avionics & Portable Electronics: Trouble in the Air?" *Avionics News Magazine*, September 1996.

Hensler, Deborah R., "The Real World of Tort Litigation," in A. Sarat et al., eds., *Everyday Practices and Trouble Cases*, Evanston, Ill.: Northwestern University Press, 1998, pp. 155-176.

The Heritage Foundation, *Mandate for Leadership*, report for the National Transportation Safety Board, Washington, D.C., October 31, 1980.

Higgins, Charles, vice president for Safety and Airworthiness, Boeing Commercial Airplane Company, Seattle, Wash., personal communication, June 1998.

Hilkevitch, Jon, "How Board Sifts Crashes Draws Fire," *Chicago Tribune*, October 1998.

Hilliard, Kevin P., "Funding Agreements: Some Pros and Cons," *Litigation in Aviation*, American Bar Association, 1996.

Hiniker, Thomas G., "Pick Up the Pace," letter to editor, *Aviation Week & Space Technology*, October 1996.

Holloway, Michael C., "Why Engineers Should Consider Formal Methods," AIAA/IEEE 16th Digital Avionics System Conference, Irvine, Calif., October 1997, p. 9.

"How an FAA Rule Is Changed," *Aero Magazine*, Boeing Commercial Airplane Company, Vol. I, No. 2, April 1998.

Huettner, Charles H., "Toward a Safer 21st Century," Washington, D.C.: National Aeronautics and Space Administration, NP-12-231-HQ, December 1996.

Huettner, Charles, H., and Michael S. Lewis, "Aviation Safety Program: Report to Industry," Washington, D.C.: National Aeronautics and Space Administration, August 1997.

Hughes, David, "Incidents Reveal Mode Confusion," *Aviation Week & Space Technology*, January 1995.

Hughes, David, and Michael A. Dornheim, "Accidents Direct Focus on Cockpit Automation," *Aviation Week & Space Technology*, January 1995.

Hunt, James W., Mark R. Irvine, and Estie R. Stoll, "Selected Aviation Insurance Coverage Issues: Policy Exclusions, Proximate Cause, Coverage Denial and Bad Faith Considerations," *Litigation in Aviation*, American Bar Association, 1986.

In Re Air Crash Disaster at Charlotte, North Carolina, on July 2, 1994, No. MDL 1041, U.S. District Court for South Carolina, December 27, 1996.

In Re Air Crash Disaster at John F. Kennedy International Airport, on June 24, 1975, Nos. 5, 6, Dockets 78-7596, 79-7063, U.S. Court of

Appeals, 635 F.2d 67; 1980 U.S. App. LEXIS 13363; 7 Fed. R. Evid. Serv. (Callaghan) 21; 15 av. Cas. (CCh) P184,551, *decided* October 6, 1980.

In Re Air Crash Disaster Near Roselawn, Indiana, on October 31, 1994, No. 95 C 4593, MDL 1070, U.S. District Court for Illinois, September 1997.

In Re Air Crash Disaster at Sioux City, Iowa, on July 19, 1989, 89 C 8082, Master File No. MDL-817, U.S. District Court for Illinois, 780 F. Supp. 1207; 1991 U.S. Dist. LEXIS 18417, *decided* December 20, 1991, *docketed* December 30, 1991.

In Re Air Crash Disaster at Stapleton International Airport, Denver, Colorado, on November 15, 1987, U.S. District Court for Colorado, 720 F.Supp. 1493; 1989 U.S. Dist. LEXIS 9221; 15 Fed. R. Serv. 3d (Callaghan) 89; 28 Fed. R. Evid., *filed* June 7, 1989.

International Civil Aviation Organization, *Annexes to the Convention International Civil Aviation*, "Annex 13: Aircraft Accident and Incident Investigation," Montreal, Canada, July 1994.

_____, *Warsaw Convention: The Unification of Certain Rules Relating to International Carriage by Air*, signed at Warsaw on 12 October 1929, Montreal, Canada, reprinted October 1994.

International Society of Air Safety Investigators, *Code of Ethics and Conduct*, Sterling, Va., October 1983.

_____, *An Application of Advanced Information Technology for Assessing Aircraft Accident Causation*, Sterling, Va., 1999.

Jacobs, Eva E., and Hongwei Zhang, eds., *Handbook of U.S. Labor Statistics, Employment, Earnings, Prices, Productivity, and Other Labor Data*, 2nd ed., Lanham, Md.: Bernan Press, 1998.

Jacobs, Jerry A., "Measuring Time at Work: Are Self-Reports Accurate?," *Monthly Labor Review*, December 1998.

John Doe and Mary Doe v. Louis Sullivan and Richard Cheney, USDC, District of Columbia, 756F. Supp. 12, January 31, 1991.

Johns Hopkins University, *GPS Risk Assessment Study: Final Report*, VS-99-007, Baltimore, Md., January 1999.

Johnson, C., *Proving Properties of Accidents*, Glasgow Accident Analysis Group, University of Glasgow, Glasgow, Scotland, 1997.

Kahan, James P., et al., "An Inventory of Transport Safety Information in the Netherlands," Santa Monica, Calif.: RAND, MR-776-EAC, 1996.

Kakalik, James S., Elizabeth M. King, Michael Traynor, Patricia A. Ebener, and Larry Picus, *Costs and Compensation Paid in Aviation Accident Litigation*, Santa Monica, Calif.: RAND, R-3421-ICJ, 1988.

Keen v. Detroit Diesel Allison and Detroit Diesel Engine, Divisions of General Motors Corporation, No. 76-1844, U.S. Court of Appeals, Tenth Circuit, decided April 3, 1978.

Kelada, J., *Integrating Reengineering with Total Quality*, Milwaukee: American Society of Quality Control Press, 1996.

Khan, H., et al., *Integration of Reusable Launch Vehicles into Air Traffic Management: Phase II Final Report*, Cambridge, Mass.: MIT International Center for Air Transportation, September 30, 1998, p. 18.

King, Elizabeth, M., and James P. Smith, *Dispute Resolution Following Airplane Crashes*, Santa Monica, Calif.: RAND, R-3585-ICJ, 1988a.

_____, *Economic Loss and Compensation in Aviation Accidents*, Santa Monica, Calif.: RAND, R-3551-ICJ, 1988b.

Klass, Phillip J., "FAA to Launch Controversial LAAS Development Program," *Aviation Week & Space Technology*, June 1998.

Komons, Nick A., "The Cutting Air Crash: A Case Study in Early Federal Aviation Policy," U.S. Department of Transportation, Federal Aviation Administration, reprinted 1973.

Kostoff, R., *Research Program Peer Review: Principles, Practices, Protocols*, Arlington, Va.: Office of Naval Research, 1997.

Kraul, Chris, "Big Bet on Small Planes Pays Off for Brazil," *Los Angeles Times*, July 25, 1999.

Kreindler, Lee S., *Aviation Accident Law*, Revised, Vol. I, New York: Matthew Bender & Co., Inc., 1998.

LaBarre, P., "This Organization Is Dis-Organization," *Fast Company Magazine*, June 1996, p. 77.

Ladkin, Peter, *Explaining Accidents Causally Using the Why-Because Analysis*, Bielefeld, Germany: University of Bielefeld, June 1997.

_____, *The Success and Failure of Artifacts--Studies in the Logic of Engineering*, Bielefeld, Germany: University of Bielefeld, June 1998.

Lamb, T., remarks in *Aviation Accident Investigation Symposium, Report of Proceedings*, Vol. II: Participant Presentations, Tysons Corner, Va.: National Transportation Safety Board, March 29, 1994.

Landry, Aubrey, American Airlines, Director of Flight Crew Training, personal communication, June 1999.

- Langewiesche, William, "The Lessons of ValuJet 592," *The Atlantic Monthly*, March 1998, p. 98.
- Lapin, Lawrence, *Statistics, Meaning and Method*, New York: Harcourt, Brace, Jovanovich, Inc., 1975.
- Lauber, John K., *The Real World of Human Factors: Where We Are, and Where We Are Going*, Air Transport Association Operations Forum, Semiahmoo, Wash., September 19, 1994.
- Lavitt, Michael O., "Gambling Gains Foothold in International Skies," *Aviation Week & Space Technology*, February 1997.
- Lederer, Jerome F., "Is Probable Cause(s) Sacrosanct?" *ISASI Forum*, March 1992.
- Lewis, M., "NASA Safety Program Briefing," NASA Langley Research Center: Hampton Roads, Va., June 1998.
- Leyshon, Brett, and Peter Wiggins, "Using the Internet and the Intranet to Break Down Barriers to Communication Between Aviation Safety Professionals," Conference of the International Society of Air Safety Investigators, Anchorage, Alaska, October 15, 1997.
- Libera, Don, chief, NTSB Budget Division, personal communication, Fall 1998.
- Lindsey C., "Aviation Weather Study--Final Report," *Northwest Research Associates Report to the Boeing Commercial Airplane Group*, Bellevue, Wash., December 31, 1998.
- Lions, J. L., *Ariane Flight 501 Failure*, report by the Arianespace Inquiry Board, Paris, France, July 1996.
- Lobel v. American Airlines, Inc.*, U.S. Court of Appeals, 2d Cir., 192 F.2d 217, October 1951.
- Lund, Steve R., "Improving Airline Safety: Learning from Accidents," The International Society of Air Safety Investigators, 22nd International Congress of Air Safety, Canberra, Australia, November 1991.
- Luxhoj, James T., Donald N. Arendt, and Theodore G. Horton, "An Application of Advanced Information Technology for Assessing Aircraft Accident Causation," Conference of the International Society of Air Safety Investigators, Anchorage, Alaska, October 15, 1997.
- Macintosh, A., *Adaptive Workflow to Support Knowledge Intensive Tasks*, Artificial Intelligence Applications Institute, Dissertation, University of Edinburgh, Edinburgh, Scotland, May 1996.

MacPherson, Malcolm, *The Black Box: All-New Cockpit Voice Recorder Accounts of In-Flight Accidents*, New York: William Morrow and Company, 1998.

Mann, Paul, "Safety Politicized: FAA Versus NTSB," *Aviation Week & Space Technology*, November 1996.

Marks, A., "Should Aging Aircraft Receive Tougher Test," *Christian Science Monitor*, December 12, 1997.

Mathews, Steven, statement at Avcon '98 Conference, Lloyd's of London and the Litigation Section of the American Bar Association, London, England, September 15-16, 1998.

"Mating Season," *Industry Outlook*, annual special issue of *Aviation Week & Space Technology*, October 2000.

Maurino, Daniel E., "Aviation Human Factors and the Safety Investigation Process," Conference of the International Society of Air Safety Investigators, Anchorage, Alaska, October 15, 1997.

McCarthy, Paul, "Legal Issues Associated with Sharing--The Pilot's Perspective," Conference of the International Society of Air Safety Investigators, Anchorage, Alaska, October 15, 1997.

McCarthy, Paul, et al., remarks in *Aviation Accident Investigation Symposium, Report of Proceedings, Vol. II: Participant Presentations*, Tysons Corner, Va.: National Transportation Safety Board, March 29, 1994.

McCormick, Barnes W., and Capt. M. P. Papadakis, J.D., *Aircraft Accident Reconstruction and Litigation*, Phoenix: Lawyers and Judges Publishing Company, Inc., January 1996.

McGuire, Keith, regional director, NTSB Northwest Regional Office, personal communication, Fall 1998.

McGuire, J., "Engineering Support for Out-of-Production Airplanes," *Aero Magazine*, Seattle, Wash.: Boeing Commercial Airplane Company, April 1998, p. 4.

McKenna, James T., "TWA Crash Probers Study Fuel Tank Blast," *Aviation Week & Space Technology*, September 1996.

_____, "NTSB Cites Fire Damage in Second TWA Fuel Tank," *Aviation Week & Space Technology*, October 1996.

_____, "Probe's Focus Troubles TWA 800 Investigators," *Aviation Week & Space Technology*, November 1996a.

_____, "ValuJet Hearing Bares Long Chain of Errors," *Aviation Week & Space Technology*, November 1996b.

_____, "FAA Official: Inspection System Failed on ValuJet," *Aviation Week & Space Technology*, December 1996.

_____, "'Distance Learning' Poses Challenges," *Aviation Week & Space Technology*, February 1997a.

_____, "NTSB Expands Testing to Advance TWA Probe," *Aviation Week & Space Technology*, February 1997b.

_____, "NTSB Cites String of Flaws in JT8D Hub Failure," *Aviation Week & Space Technology*, March 1997.

_____, "TWA 800 Probe Launches Static CVR Blast Tests," *Aviation Week & Space Technology*, April 1997.

_____, "Carriers Will Check Fuel System Conditions," *Aviation Week & Space Technology*, October 1997a.

_____, "Conferees Cite Need for Fuel Research," *Aviation Week & Space Technology*, October 1997b.

_____, "Garvey Policy Backs Limits on FOQA Data," *Aviation Week & Space Technology*, February 1998.

_____, "FAA Weighs Fines Against America West," *Aviation Week & Space Technology*, June 1998.

_____, "Probe Focus Shifts to Cockpit Fire," *Aviation Week & Space Technology*, September 1998.

_____, "FAA Questions Safety of Airframe Insulation," *Aviation Week & Space Technology*, October 1998a.

_____, "ICAO Backs Safety Plans," *Aviation Week & Space Technology*, October 1998b.

_____, "Long-Sought Rule on FOQA Stalled," *Aviation Week & Space Technology*, October 1998c.

_____, "Pair Takes the Helm of Accident Reduction Team," *Aviation Week & Space Technology*, October 1998d.

_____, "Recovery of Swissair Wreckage Accelerates," *Aviation Week & Space Technology*, October 1998e.

_____, "Investigators to Reconstruct Flight 111 Nose Section," *Aviation Week & Space Technology*, November 1998a.

_____, "Many Operators Ignore Vaunted CFIT Aids," *Aviation Week & Space Technology*, November 1998b.

_____, "Market Changes Confound World's Safety Regulators," *Aviation Week & Space Technology*, November 1998c.

_____, "NASA, Pax River Study Possible EMI Impact on Flight 800," *Aviation Week & Space Technology*, November 1998d.

_____, "Swissair Probe Examines MD-11 Entertainment System," *Aviation Week & Space Technology*, November 1998e.

_____, "Swissair Probe Hinges on Systems Analyses," *Aviation Week & Space Technology*, November 1998f.

_____, "U.S. Airline Industry Still Sees Profits in '99," *Aviation Week & Space Technology*, November 1998g.

_____, "NTSB Weighs Call for Recorder Backups," *Aviation Week & Space Technology*, February 1999.

_____, "NTSB Seeks Home for Training Center," *Aviation Week & Space Technology*, February 8, 1999, p. 75.

McKenna, James T., and William B. Scott, "Sabre Tech Repairs Focus of New Probes," *Aviation Week & Space Technology*, December 1996.

McWha, Jim, chief engineer, Control Systems, Boeing Commercial Airplane Company, Seattle, Wash., personal communication, November 1998.

"MD-11 Trijet May Get Green Light from Boeing," *Aviation Week & Space Technology*, October 1997.

Menzel, Reinhard, "Analysis Shows That CFIT Continues to Account for the Heaviest Loss of Life Worldwide," *ICAO Journal*, April 1998.

Meshkati, Najmedin, "How Safe Is Your Airline?" *The Economist*, January 1997.

_____, "Accident Investigation and Airline Safety," NTSB Symposium on Corporate Culture and Transportation Safety, Washington, D.C., April 1997.

Mickley, Jon Lt. Col., "Investigate Tank Blasts," *Aviation Week & Space Technology*, September 1996.

Miller, C. O., "Aviation Accident Investigation: Functional and Legal Perspectives," *SMU Journal of Air Law and Commerce*, Vol. 46-2, Winter 1981.

_____, "Battles in the War to Prevent Aviation Accidents," *Forum on Air and Space Law*, Vol. 12, No. 4, Spring 1998.

Moore, George M., "Aviation Information on the Internet and World Wide Web for the Air Safety Investigator," Conference of the International

Society of Air Safety Investigators, Anchorage, Alaska, October 15, 1997.

Mucho, Gary, Regional Director, NTSB Southwest Regional Office (retired), personal communication, March 1999.

Muirhead, Brian, *High Velocity Leadership*, New York: Harper Business, 1999.

_____, "Faster, Better, Cheaper: Lessons Learned from Mars Pathfinder," briefing to National Reconnaissance Office, Chantilly, Va., March 16, 1999.

Munson, Kenneth, ed., *Jane's Unmanned Aerial Vehicles and Targets*, Issue 11, Surrey, England: Jane's Information Group Limited, April 1999.

National Aeronautics and Space Administration, *Planning and Technology Insertion*, Vol. I, Washington, D.C., NASA-GB-002-95, July 1995a.

_____, Office of Safety and Mission Assurance, *Formal Methods Specification and Verification Guidebook for Software and Computer Systems, Volume I: Planning and Technology Insertion*, Washington, D.C., NASA-GB-002-95, July 1995b.

_____, *NASA Strategic Plan*, Washington, D.C., NPD 1000.1, 1998.

_____, *Aviation Safety Reporting System--1997 Annual Report*, Moffett Field, Calif., January 1998a.

_____, *1997 ASRS Annual Report, Volume 1: Overview of Operations*, Ames Research Center, Moffett Field, Calif., January 1998b, p. 14.

_____, *Aviation Performance Measuring System: A Status Report*, Moffett Field, Calif., April 1998.

_____, Office of Aeronautics and Space Transportation, *Aeronautics and Space Transportation Technology: Three Pillars for Success*, Washington, D.C., 1999.

_____, *Aerospace Safety Advisory Panel: Annual Report 1998*, Washington, D.C., February 1999.

National Air Traffic Controllers Association, *NATCA at the Crossroads: 1996 Annual Report*, Washington, D.C., November 1996.

National Civil Aviation Review Commission, *Avoiding Aviation Gridlock and Reducing the Accident Rate: A Consensus for Change*, Washington, D.C., December 11, 1997.

National Research Council, National Materials Advisory Board, *Aging of U.S. Air Force Aircraft*, Washington, D.C., NMAB-488-2, 1997.

_____, *Improving the Continued Airworthiness of Civil Aircraft*, Washington, D.C.: National Academy Press, 1998.

National Transportation Safety Board, *Aviation Investigation Manual for Aircraft Accidents and Incidents*, NTSB Order 6200-1A, Washington, D.C., April 25, 1980.

_____, NTSB Board Order #70, Washington, D.C., March 16, 1988 (rescinded).

_____, *Aloha Airlines, Flight 243*, NTSB Report Number AAR-89-03, Washington, D.C., adopted on June 14, 1989.

_____, Office of Surface Transportation, *Safety Training Plan*, Washington, D.C., September 1992.

_____, *Investigator's Manual, Vol. I: General Information*, Washington, D.C., 1994a.

_____, *Investigator's Manual, Vol. II: Major Team Investigations*, Washington, D.C., 1994b.

_____, *Investigator's Manual, Vol. III: Regional Investigations*, Washington, D.C., 1994c.

_____, *Investigator's Manual, Vol. IV: Authority and Procedures*, Washington, D.C., 1994d.

_____, *Investigator's Manual, Vol. V: Appendices*, Washington, D.C., 1994e.

_____, *Aviation Accident Investigation Symposium, Report of Proceedings, Vol. I: Safety Board Response to Industry Recommendations*, Tysons Corner, Va., NTSB/RP-94/01, March 29, 1994a.

_____, *Aviation Accident Investigation Symposium, Report of Proceedings, Vol. II: Participant Presentations*, Tysons Corner, Va., NTSB/RP-94/02, March 29, 1994b.

_____, Board Order #300, Washington, D.C., November 22, 1995.

_____, Office of Aviation Safety, *Aviation Regional Office Summary Report for 1995*, Washington, D.C., February 1996.

_____, *Robinson Helicopter Company R22 Loss of Main Rotor Control Accidents*, Special Investigation Report, Washington, D.C., Notation 6405B, April 1996.

_____, Individual Development Plan course lists, Southeast Regional Office, Los Angeles, 1997.

_____, internal staffing report, Human Resources Division, Washington, D.C., March 18, 1997.

_____, *Descent Below Visual Glidepath and Collision with Terrain Delta, Air Lines Flight 554, McDonnell Douglas MD-88, N914DL La Guardia Airport, New York, October 19, 1996*, Aircraft Accident Report, Notation 6785B, Washington, D.C., August 1997.

_____, *Strategic Plan*, Washington, D.C., September 1997.

_____, *Regional Air Safety Investigator Partnership*, Washington, D.C., October 1, 1997.

_____, Notebooks containing letters from the public to NTSB regarding the TWA Flight 800 accident, 1996 to 1998.

_____, "Guidance for Accredited Representatives, Advisors, Party Coordinators, and Other Participants," *Training Manual*, Vol. I, Washington, D.C., 1998a.

_____, Individual Development Plan course lists, Southeast Regional Office, Los Angeles, 1998b.

_____, *Major Investigations Division Dispatch Log*, Washington, D.C., 1998c.

_____, *Uncontained Engine Failure Delta Air Lines Flight 1288, McDonnell Douglas MD-88, N927DA Pensacola, Florida*, Aircraft Accident Report, Notation 6725C, Washington, D.C., January 1998.

_____, Quality Committee Report, Washington, D.C., February 1998, p. 3.

_____, *Basic Aircraft Accident Investigation School*, Volume I, Washington, D.C., April/May 1998a.

_____, *Basic Aircraft Accident Investigation School*, Volume II, Washington, D.C., April/May 1998b.

_____, "Safety Recommendations Addressed to the Federal Aviation Administration Being Held as 'Open-Unacceptable,'" internal NTSB memorandum, June 1998.

_____, *We Are All Safer: NTSB-Inspired Improvements in Transportation Safety*, 2nd ed., Washington, D.C., July 1998.

_____, *International Symposium on Family and Victim Assistance for Transportation Disasters*, Arlington, Va., September 1998.

_____, Open Investigations by Investigator: Fiscal Year 1998, internal NTSB memoranda, September 30, 1998.

_____, Board Order #4, Attachment #1, Washington, D.C., October 9, 1998.

_____, Aviation Accident Data Base, supplied by Stan Smith, NTSB chief, Analysis and Data Division, 1999a.

_____, *Fiscal Year 1999 Budget*, Office of Chief Financial Officer, Washington, D.C., August 1999b.

_____, personnel action records, December 31, 1993, to January 5, 1995, supplied by Bob Pyle, chief, Human Resources Division, Washington, D.C., 1999c.

_____, Abstract of Final Report, USAir Flight 427, March 23, 1999.

_____, *Aircraft Accident Report: USAir Flight 427: Uncontrolled Descent and Collision with Terrain*, AAR-99-01, Washington, D.C., March 24, 1999.

_____, internal staff database, Human Resources Division, Washington, D.C., various years.

_____, internal timekeeping and budget records, Human Resources Division, Washington, D.C., various years.

North, David M., "ERJs Well-Suited for Regionals," *Aviation Week & Space Technology*, October 1998.

Northrop Grumman Corporation, "Global Hawk Soars to New Heights in Unmanned Long Range Surveillance," *The Northrop Grumman Review*, Issue 2, November 1999.

Nowaczyk, Ronald H., *Perceptions of Engineers Regarding Successful Engineering Team Design*, Hampton, Va.: Institute for Computer Applications in Science and Engineering, NASA Langley Research Center, NASA/CR-1998-206917, ICASE Report No. 98-9, February 1998.

NTSB--See National Transportation Safety Board.

"NTSB Blasts FAA Inaction on Data Recorders," *Aviation Week & Space Technology*, May 1996.

"NTSB Probes F-16 Intercept," *Aviation Week & Space Technology*, February 1997.

Office of the President of the United States, *Final Report to the President, White House Commission on Aviation Safety and Security* [Gore Commission], Washington, D.C., January 1997.

_____, *Critical Foundations: Protecting America's Infrastructure*, report of the Presidential Commission on Critical Infrastructure Protection, Washington, D.C., October 1997.

_____, National Science and Technology Council, *Goals for a National Partnership in Aeronautics Research and Technology*, Washington, D.C., 1999.

Ohlson, Kathleen, "Close Call in Air Caused by Computer Glitch," *ComputerWorld*, December 1998.

Olson, Walter, *The Excuse Factory: How Employment Law Is Paralyzing the American Workplace*, Atlanta: Free Press, May 1997.

Oster, Clinton, V. Jr., John S. Strong, and C. Kurt Zorn, *Why Airplanes Crash: Aviation Safety in a Changing World*, New York: Oxford University Press, 1992.

Ott, James, "Methods to Protect Fuel Tanks Explored," *Aviation Week & Space Technology*, February 1997.

"Out of the Blue," *Sunday Times Magazine, London Times*, July 1998.

Palmer, Everett, "Oops, It Didn't Arm: A Case Study of Two Automation Surprises," 8th International Symposium on Aviation Psychology, Ohio State University, Columbus, Ohio, April 28, 1997.

Pangia, Michael J., "Aircraft Accident Investigation in a Litigation Environment," *Trial Lawyer's Guide*, John J. Kelly, ed., Deerfield, Ill: Clark, Boardman, Callaghan, 1995.

Pecht, M., et al., "Are Components Still the Major Problem: A Review of Electronic System and Device Field Failure Returns," *IEEE Transactions on Components, Hybrids, and Manufacturing Technology*, Vol. 15, No. 6, December 1992, p. 1161.

Pelz, D., et al., *Scientists in Organizations: Productive Climates for Research and Development*, New York: Wiley and Sons, Inc., 1966.

Perrow, Charles, "Complex Organizations: A Critical Essay," 3rd ed., New York: McGraw Hill, January 1986.

_____, *Normal Accidents*, 2nd ed., Princeton, N.J.: Princeton University Press, 1999.

Perry, Richard, David Olson, and Dr. Paul Werner, "Data Quality Improvements for FAA," *Conference of the International Society of Air Safety Investigators*, Anchorage, Alaska, October 15, 1997.

Phillips, Don, "97 Canada Crash Yields Few Clues," *Washington Post*, December 1998, p. A10.

Phillips, Edward, "NTSB: Crash Probe Focuses on Rudder," *Aviation Week & Space Technology*, January 1995a.

_____, "NTSB: Mode Confusion Poses Safety Threat," *Aviation Week & Space Technology*, January 1995b.

_____, "Lack of Training, Inspectors Thwarts FAA Safety Oversight," *Aviation Week & Space Technology*, May 1996.

_____, "Cockpit Switches Focus of Boeing 777 Directive," *Aviation Week & Space Technology*, October 1996a.

_____, "GAO Urges Scrutiny of New Airlines," *Aviation Week & Space Technology*, October 1996b.

_____, "FAA Mandates Test of 737 Rudder PCU," *Aviation Week & Space Technology*, November 1996.

_____, "NTSB's 747 Proposals Focus on Fuel Volatility," *Aviation Week & Space Technology*, December 1996.

_____, "Gore Commission Endorses User Fees," *Aviation Week & Space Technology*, February 1997a.

_____, "NTSB Probes ANG-Airline Incidents," *Aviation Week & Space Technology*, February 1997b.

_____, "NTSB Targets JT8D Cracks," *Aviation Week & Space Technology*, February 1997c.

_____, "NTSB: Expedite Upgrades to Boeing 737 Rudder PCUs," *Aviation Week & Space Technology*, March 1997.

_____, "Partial Flap Loss Prompts Call for 767 Inspections," *Aviation Week & Space Technology*, April 1997a.

_____, "Radio Procedures Key Factor in NTSB Quincy Investigation," *Aviation Week & Space Technology*, April 1997b.

_____, "Growth Prospects Strong for Business Flying," *Aviation Week & Space Technology*, October 19, 1998.

_____, "Data-Sharing Focus of GAIN Meeting," *Aviation Week & Space Technology*, November 1998.

_____, "U.S. Airlines Brace for Market Turbulence," *Aviation Week & Space Technology*, November 16, 1998.

"Pitch Control Loss Spurs Fairchild Director," *Aviation Week & Space Technology*, February 1997.

Platt, C., "Ethernet at 60,000 Feet--Telecom's New Jet Age Takes Off," *Wired*, June 1999, p. 151.

Plum, Paul, "New Blueprint for ESS," *Quality Magazine*, November 1990.

Pool, Robert, *Beyond Engineering: A New Way of Thinking About Technology*, Oxford, England: Oxford University Press, June 1998.

Portnoi, Paul, "Airline Fleet Lists," *Jane's World Airlines* database, Surrey, England: Jane's Publishing Group, April 1997.

Proctor, Paul, "Boeing Lines Booming," *Aviation Week & Space Technology*, February 1997a.

_____, "First Flight of Updated 737 Rejuvenates Narrow-Body Line," *Aviation Week & Space Technology*, February 1997b, p. 62.

_____, "Adaptive Rotor Makes First Flight," *Aviation Week & Space Technology*, March 1997a.

_____, "Boeing Sees 20 Years of Steady Commercial Jet Demand," *Aviation Week & Space Technology*, March 1997b.

_____, "Boeing, Airbus Strain to Meet Delivery Goals," *Aviation Week & Space Technology*, October 1998.

_____, "Mulally's Initial Focus: Back to Basics," *Aviation Week & Space Technology*, November 1998.

_____, "Airlines Pushing for 'No-Frills' Transport Specification," *Aviation Week & Space Technology*, December 1998.

_____, "Smart Cockpit Keeps Pilots Inside Safety Envelope," *Aviation Week & Space Technology*, February 1999.

Pyles, Raymond, *Aging Aircraft: Implications for Programmed Depot Maintenance and Engine-Supported Costs*, Santa Monica, Calif.: RAND, AD-A373, 1999.

Quinn, Kenneth P., "Accident Investigations, Litigation, and the Media," *Air and Space Lawyer*, American Bar Association, Fall 1995.

Reardon, Peter, "Information Technology: Breaking Down Barriers to Communications Among Aviation Safety Professionals 'Stars of the Southern Cross,'" Conference of the International Society of Air Safety Investigators, Anchorage, Alaska, October 15, 1997.

Reason, J., *Managing the Risks of Organizational Accidents*, Hampshire, England: Ashgate Press, 1997.

Reed, Arthur, "The Elusive Mechanic," *Air Transport World*, August 1998.

Robinson, John P., and Ann Bostrom, "The Overestimated Workweek? What Time Diary Measures Suggest," *Monthly Labor Review*, August 1994.

Robinson, John P., and Geoffrey Godbey, *Time for Life: The Surprising Ways Americans Use Their Time*, University Park, Penna.: The Pennsylvania State University Press, 1997.

Rushby, John, *Formal Methods and the Certification of Critical Systems*, Menlo Park, Calif.: SRI International, CSL-93-7, May 1993.

"Safety Probers Debate Need for Avionics Fire Detection," *Aviation Week & Space Technology*, November 1998.

Sarsfield, Liam, *The Cosmos on a Shoestring: Small Spacecraft for Space and Earth Science*, Santa Monica, Calif.: RAND, MR-864-OSTP, 1998.

Sawinski, Diane M., *Encyclopedia of Global Industries, Air Transportation, Passenger, U.S. Industry Profiles: The Leading 100*, Detroit: Gale Research, 1996, pp. 37-48.

Schor, Juliet B., "Civic Engagement and Working Hours: Do Americans Really Have More Free Time Than Ever Before?" paper prepared for the Conference on Civic Engagement in American Democracy, Portland, Me., September 26-28, 1997.

Scott, William B., "Certification Officials Grapple with Flight Deck Complexity," *Aviation Week & Space Technology*, January 1995.

_____, "Automatic GCAS: 'You Can't Fly Any Lower,'" *Aviation Week & Space Technology*, February 1999.

Shepherd, Joseph E., Christopher Krok, and Julian J. Lee, *Jet A Explosion Experiments: Laboratory Testing*, Washington, D.C.: National Transportation Safety Board, NTSB-97-SP-0127, November 1997.

Shifrin, Carole A., "Derivatives of 777 and 767 Take Shape at Boeing," *Aviation Week & Space Technology*, February 1997a.

_____, "New Orders, New Aircraft Spark Regional Jet Market," *Aviation Week & Space Technology*, February 1997b.

Slater, Rodney E., remarks to NTSB International Symposium on Family and Victim Assistance for Transportation Disasters, Washington, D.C., September 1998.

Slater, Rodney E., and James E. Hall, *Anniversary Report of Task Force on Assistance to Families of Aviation Disasters*, U.S. Department of Transportation and National Transportation Safety Board, Washington, D.C., September 1998.

Smith, Bruce A., "Early 717 Test Issues Challenge Schedule," *Aviation Week & Space Technology*, October 1998a.

_____, "717 Achieving Milestones, Facing New Competition," *Aviation Week & Space Technology*, October 1998b.

_____, "Cargo Market Growth Tied to Deregulation," *Aviation Week & Space Technology*, November 1998a.

_____, "717 Flight Testing Enters Key Phase," *Aviation Week & Space Technology*, November 1998b.

Smith, D., *Reengineering Space Projects*, Pasadena, Calif.: NASA Jet Propulsion Laboratory, January 1997.

Smith, H., and T. Gerhardt, "The Effects of Design Characteristics on Commuter Aircraft Safety," American Institute of Aeronautics and Astronautics Aircraft Design, Systems and Operations Meeting, Monterey, Calif., paper No. A93-3916, August 1993.

Snowdon, Peter, and Johnson, Chris, "The Impact of Rhetoric on Accounts of Human Error in Accident Reports," research report, Glasgow Accident Analysis Group, University of Glasgow, Glasgow, Scotland, August 1998.

Sparaco, Pierre, "Airbus Plans Increased Production Rate," *Aviation Week & Space Technology*, November 1996.

_____, "Strong Traffic Growth Foreseen for 1996-2000," *Aviation Week & Space Technology*, December 1996.

_____, "High-Capacity Transport Critical to Airbus Plan," *Aviation Week & Space Technology*, February 1997.

_____, "Airbus Prepares to Launch Boeing 747's Rival," *Aviation Week & Space Technology*, March 1997.

_____, "Airbus Advances A3XX Final Configuration," *Aviation Week & Space Technology*, June 1998.

_____, "Airbus Continues Smooth Production Boost," *Aviation Week & Space Technology*, October 1998a.

_____, "Regulatory Authorities Set Scene for VLTAs," *Aviation Week & Space Technology*, October 1998b.

Steenblik, J. W., "Probable Cause: Help or Red Herring?" *Air Line Pilot*, June 1992, pp. 20-23.

Stern, Jonathan M., "The Board Decides to Sioux: NTSB Issues Regulations Interpreting Federal Statute Consistent with Interpretation by United 232 Court," *Aviation Litigation Newsletter*, American Bar Association, Vol. XI, No. 1, Winter/Spring 1999.

"Structures Engineering Support for Out-of-Production Airplanes," *Aero*, Boeing Commercial Airplane Company, Issue No. 2, April 1998, p. 4.

Sumwalt, Robert L., "Integrating Human Factors: The Future of Accident Investigation," Conference of the International Society of Air Safety Investigators, Anchorage, Alaska, 1997.

Sweedler, B., "Safety Recommendations Program," in *Aviation Accident Investigation Symposium, Report of Proceedings, Vol. II: Participant Presentations*, Tysons Corner, Va.: National Transportation Safety Board, March 29, 1994, p. 78.

Thomas Brooks Chartered v. James Burnett, Norman Wiemeyer, and the National Transportation Safety Board, U.S. Court of Appeals 10th Cir., 920 F.2d 634; 1990 U.S. App. LEXIS 20717, filed November 28, 1990.

Thomas, Geoffrey, "Retracted Landing Gear Cited in China Airlines Crash," *Aviation Week & Space Technology*, February 1998.

Tischler, A., "What Happened to Flight 800," *Aerospace America*, March 1998.

Trans States Airlines v. Pratt & Whitney Canada, Inc., 1995 U.S. Dist. LEXIS 1641 (N.D.IL, 1995).

"Transportation Safety Board," *Aviation Week & Space Technology*, October 1998.

Truitt, R. Daniel, "Hints of an Uneven Playing Field in Aviation Torts: Is There Proof?" *Journal of Air Law and Commerce*, Vol. 62, No. 3, 1996, pp. 577.

"TWA 800 Inquiry Seeks More Detail on 'Streaks of Light,'" *Aviation Week & Space Technology*, November 1996.

Universal Airline, Inc. v. Eastern Air Lines, Inc., 188 F.2d 993 (D.C. Cir. 1951).

U.S. Air Force, Office of the Assistant Secretary, *Air Force Statistical Digest*, Washington, D.C., October 1998a, Table E-16.

_____, *Class A Flight Mishaps: FY75-FY98*, Kirkland AFB, N.M: Air Force Safety Center, October 1998b.

_____, *Aircraft, Missile, Nuclear, and Space Accident Investigations*, Air Force Instruction 51-503, Arlington, Va., December 1998.

_____, *White Paper on Long Range Bombers*, Washington, D.C., March 1999, p. 21.

_____, *Safety Investigations and Reports*, "Air Force Instruction 91-204," Kirkland AFB, N.M., November 29, 1999.

U.S. Army, Army Safety Center, *Accident Investigations Handbook*, Fort Rucker, Ala., June 1998.

U.S. Army, Navy, Air Force, and Department of Transportation, *Participation in a Military or Civil Aircraft Accident Safety Investigation*, Joint Instruction 91-206, Washington, D.C., April 1976.

U.S. Congress, Office of Technology Assessment, *Safe Skies for Tomorrow: Aviation Safety in a Competitive Environment*, Washington, D.C.: U.S. Government Printing Office, OTA-SET-381, July 1988.

U.S. Department of Transportation and the National Transportation Safety Board, *Final Report, Task Force on Assistance to Families of Aviation Disasters*, Washington, D.C., 1997.

U.S. General Accounting Office, *The Transportation Safety Board Could Improve Its Planning Process*, Washington, D.C., May 28, 1980.

_____, *Weaknesses Identified in NTSB Procurement Practices*, report to chairman, Subcommittee on Oversight and Investigations, Committee on Energy and Commerce, House of Representatives, Washington, D.C., GAO-OSI-94-20, July 1994.

_____, *Executive Guide: Effectively Implementing the Government Performance and Results Act*, Report No. GGD-96-118, Washington, D.C., June 1996.

_____, *U.S. Combat Air Power: Aging Refueling Aircraft Are Costly to Maintain and Operate*, report to Congressional Committees, Washington, D.C., GAO/NSIAD-96-160, August 1996.

_____, *Federal Aviation Administration Generally Agrees with but Is Slow in Implementing Safety Recommendations*, report to the Honorable Collin C. Peterson, House of Representatives, Washington, D.C., GAO-96-193, September 1996a.

_____, *Peer Review: EPA's Implementation Remains Unclear*, Washington, D.C., September 1996b.

_____, *New Airlines Illustrate Long-Standing Problems in FAA's Inspection Program*, report to Congressional Requesters, Washington, D.C., GAO-97-2, October 1996.

_____, *Federal Aviation Administration Has Begun Efforts to Make Data More Publicly Available*, report to the Honorable Ron Wyden, U.S. Senate, Washington, D.C., GAO-97-137, April 1997a.

_____, Resources, Community and Economic Development Division, *Issues in Allocating Costs for Air Traffic Services to DOD and Other Users*, report to Congressional Committees, Executive Agencies, and the National Civil Aviation Review Commission, Washington, D.C., GAO/RCED-97-106, April 1997b.

_____, *Opportunities Exist for Federal Aviation Administration to Refine the Controller Staffing Process*, report to Congressional Requesters, Washington, D.C., GAO-97-84, April 1997c.

_____, *Efforts to Implement Flight Operational Quality Assurance Programs*, report to Congressional Requesters, Washington, D.C., GAO-98-10, December 1997.

_____, *Federal Aviation Administration Lacked Accountability for Major Assets*, report to the chairman, Committee on the Budget, House of Representatives, Washington, D.C., GAO-98-62, February 1998a.

_____, *Weaknesses in Inspection and Enforcement Limit Federal Aviation Administration in Identifying and Responding to Risks*, report to Congressional Requesters, Washington, D.C., GAO-98-6, February 1998b.

U.S. Navy, Naval Aviation Safety Center, *Handbook for Aircraft Accident Investigators*, Washington, D.C., NAVWEPS-00-80T-67, 1961.

U.S. Office of Personnel Management, Workforce Compensation and Performance Service, Classification Programs Division, *1998 General Schedule Locality Pay Tables--Table 98-DCB: Washington-Baltimore Region*, Washington, D.C., 1998.

_____, *Handbook of Occupational Groups and Families*, Washington, D.C., HRCD-4, January 1998.

U.S. Senate, "Oversight Hearing on Aviation Safety," hearing before the Committee on Commerce, Science, and Transportation, C73/7, S.hrg, March 1996, pp.104-334.

_____, *Traveler's Rights Act of 1996*, S. 2023, August 1996.

University of Southern California, School of Engineering, *USC Aviation Safety Program*, Los Angeles, 1998-1999.

Utecht, Ron, Vice President for Airframe and Line Maintenance, United Airlines, personal communication, May 1999.

Velocci, Anthony L., "Flight Safety Eyes Future as Berkshire Subsidiary," *Aviation Week & Space Technology*, October 1996.

_____, "U.S. Industry Poised for Further Realignment," *Aviation Week & Space Technology*, January 1997.

_____, "Competitive Advantages of Scale Could Elude Aerospace Giants," *Aviation Week & Space Technology*, February 1997a.

_____, "U.S. Industry Rides Profit Momentum," *Aviation Week & Space Technology*, February 1997b.

_____, "Explosives-Detector Makers Scramble to Certify New Systems," *Aviation Week & Space Technology*, February 1998.

_____, "Small Profit Aside, Boeing Enters Crucial Operating Phase," *Aviation Week & Space Technology*, February 1999.

Velocci, Anthony L., Jr., and Paul Proctor, "New Production Cuts Hamper Boeing Recovery," *Aviation Week & Space Technology*, December 1998.

Vilhauer, Robert, and William Glover, Boeing Commercial Airplane Company, personal communication, July 1998.

Wald, Matthew L., "Why Safety Is Not Always So Public," *The New York Times*, March 16, 1997, p. E4.

_____, "Plane Crash Reviews Facing Long Delays," *The New York Times*, May 1998.

_____, "Murder Charges Filed by Florida in ValuJet Crash," *The New York Times*, July 14, 1999, p. A1.

Walters, Jim, "Safety First," *Commentary*, October 1998.

Warwick, G., "NASA Awards Cockpit Contract," *Flight International*, May 1998, p. 6.

Watson, Thomas W., *Why Airplanes Crash: Unhappy Landings*, Miami: Harbor City Press, Inc., September 1992.

Weener, Earl F., "Integrated Safety Systems Design and Future Developments of Large Commercial Airplanes," *Proceedings of the International Aviation Safety Conference*, Rotterdam, Holland, August 1997.

Wegner, Arthur, "Position of the Raytheon Aircraft Corporation in Response to the Institute for Civil Justice Forum on the Function and Operation of NTSB's Party System," letter to Alan Charles, July 1998.

Whalen, Thomas J., "Your Airline's Response to Tragedy," [CD-ROM], The Law Firm of Condon & Forsyth, Washington, D.C., 1998.

Whitley, Gigi, "Air Force Convenes Accident Review Board to Probe Global Hawk Crash," *Inside the Air Force*, April 30, 1999.

_____, "Air Force, FAA Officials Clear Global Hawk for Return to Flight Testing," *Inside the Air Force*, June 4, 1999.

Wiener, E., *Human Factors of Advanced Technology Transport Aircraft*, Moffett Field, Calif.: NASA Ames Research Center, NASA-CR-177528, June 1989.

Wood, Richard H., "Safety Hazards to the Investigator," Conference of the International Society of Air Safety Investigators, Anchorage, Alaska, October 15, 1997.

"World News Round Up: The Americas," *Aviation Week & Space Technology*, November 1998, pp. 18, 24.