

7.0 References

30 AMDS/SGBP. 1995. "Delta II Acid-Deposition Test Report—Information Memorandum." Memorandum for 30 CES/CEVPP. 9 Nov 95.

45 Space Wing. *Disaster Preparedness Operations Plan*. 1995a. OPlan 32-1, Vol. II. December.

———. 1995c. *General Plan*, Cape Canaveral Air Station, Florida.

———. 1996b. *Final Environmental Assessment for the Delta III Launch Vehicle Program*, Cape Canaveral Air Station, Florida. April.

———. 1996d. *Hazardous Materials Response Plan 32-3*. Vol. I. March.

American National Standards Institute. 1998. *Quantities and Procedures for Description and Measurement of Environmental Sound*. Part 1, ANSI S12.9-1988.

Archaeological Consultants, Inc. 1997. "Archaeological Assessment Technical Memorandum Survey of the Evolved Expendable Launch Vehicle (EELV) Area, Contract AJT-097-0119." Memorandum from Steven Koski (Archaeological Consultants, Incorporated) to Perry Jennings (AJT & Associates). August 15.

Au, W.W.L., P.E. Nachtigal, and K.L. Powloski. 1997. "Acoustic Effects of the ATOC Signal (75Hz, 195dB) on Dolphins and Whales." *J. Acoustical Society of America*. Vol. 101, No. 5, Pt. 1.

Barton, D.F., and R.S. Levy. 1983. *An Architectural and Engineering Survey and Evaluation of Facilities at Cape Canaveral Air Force Station, Brevard County, Florida*. Prepared for the National Park Service, Southeast Regional Office by Resources Analysts, Inc.

Bascom, W. 1964. *Waves and Beaches*. Doubleday. Pp. 9-11, 42-59.

Bense, J.A., and J.C. Phillips. 1990. *Selected Areas in Brevard County: A First Generation Model*. Report of Investigation 32, Institute of West Florida Archaeology, University of West Florida.

Bjorklund, J.R. 1990. *User's Manual for the REEDM Version 7 (Rocket Exhaust Effluent Diffusion Model) Computer Program*. Vol. 1.

Bowles, A.E., M. Smultea, B. Wursig, D.P. DeMaster, and D. Palka. 1994. "Relative Abundance and Behavior of Marine Mammals Exposed to Transmission from the Heard Island Feasibility Test." *J. Acoustical Society of America*. Vol. 96, No. 4, Pp. 2469-2484.

Brady, B.B., and L.R. Martin. 1995. "Modeling Solid Rocket Motor Booster Exhaust Plumes in the Stratosphere with SURFACE CEHMKIN." Aerospace report TR-95(5231)-9. September.

Brady, B.B., L.R. Martin, and V.I. Lang. 1997. "Effects for Launch Vehicle Emissions in the Stratosphere." *Journal of Spacecraft and Rockets*, Vol. 34, No. 6, pp. 774-779.

- Brady, B.B., 1994. "Stratospheric Ozone Reactive Chemicals Generated by Space Launches Worldwide." Aerospace Report TR-94(4231)-6.
- Brady, B.B., A. McIlroy, and L.R. Martin. 1997. *Launch Abort Chemistry Model, T9-9 (1440)-2*. The Aerospace Corporation. April.
- Burke, M.L. and P.F. Zittel. 1998. "Laboratory generation of Free Chlorine from HCl under Stratospheric Afterburning Conditions, Combustion and Flame," Vol. 112, 210-222.
- Briley, Wild and Associates. 1990. *City of Cape Canaveral, Florida, Comprehensive Plan, As Revised by Adopted Amendment #1*. January.
- California Commercial Spaceport, Inc. and Lockheed Systems and Technology Company. 1994. *Environmental Assessment California Spaceport Vandenberg Air Force Base, California*, December 2.
- Cantley, C.E., M.B. Reed, L. Raymor, and J.W. Joseph. 1994. *Historic Properties Survey, Cape Canaveral Air Force Station, Brevard County, Florida*. New South Associates Technical Report 183. Prepared for the U.S. Army Corps of Engineers and 45 Space Wing CEV by Ebasco Services, Inc., Huntsville, Alabama.
- Cheng, H.K. and C.J. Lee. 1998. "A Theory of Sonic Boom Noise Penetration Under a Wavy Ocean." AIAA Paper 98-2958.
- Christopher, S.V. 1996a. *Reptiles and Amphibians of Vandenberg Air Force Base: A Focus on Sensitive Aquatic Species*. Prepared for Vandenberg Air Force Base and U.S. Department of the Interior. April.
- Christopher, S. 1999. California Red-Legged Frog (RANA AURORA DRAYTONII) monitoring at Space Launch Complex 6, Vandenberg Air Force Base, In Response to a 27 April 1999 Launch. May 30.
- Christopher, S., and R. Doubledee. 1999. "Water Quality Monitoring at Honda Creek, Vandenberg Air Force Base in Response to Two Launches From Space Launch Complex 4." Santa Barbara Museum of Natural History and Department of Ecology, Evolution and Marine Biology, University of California, Santa Barbara. August 29.
- _____. 1996b. *Reptiles and Amphibians of Vandenberg Air Force Base, Santa Barbara County, California, 1995: A Focus on Sensitive Aquatic Species*. Appendix C. Point Locality Maps of Reptiles and Amphibians at Vandenberg Air Force Base Form Surveys in 1995. Prepared for Vandenberg Air Force Base and U.S. Department of the Interior. December.
- City of Lompoc. 1996. *Draft Proposed General Plan Revision*. Environmental Review Copy.
- Committee on Toxicology, National Research Council. 1996. "Permissible Exposure Levels for Selected Military Fuel Vapors."
- Costa, D.P., D.E. Crocker, D. Croll, D. Goley, D. Houser, B.J. Le Boeuf, D. Waples, and P. Webb. 1996. "Effects of California ATOC Experiment on Marine Mammals." *J. Acoustical Society of America*. Vol. 100, p. 2581.

Denison, M.R., J.J. Lamb, W.D. Bjorndahl, E.Y. Wong, and P.D. Lohn. 1994. "Solid Rocket Exhaust in the Stratosphere: Plume Diffusion and Chemical Reactions." *Journal of Spacecraft and Rockets*, Vol. 31, No. 3, pp. 435-442.

Damkowitz, J. 1997. Personal Communication with J. Damkowitz, Transportation Planner, Santa Barbara County Association of Governments, Santa Barbara, California. June.

DET 9, SMC/ENF. 1994. "Taurus Acid Plume Test Report—Information Memorandum." Memorandum for 30 SW/ET. 2 May 94.

Do, T.T. 1994. *Titan IV Launch Sound Levels at 2,700, 6,680, 11,200, 16,800, 19,000, and 43,129 Feet From the Pad*. Prepared for Space and Missile Systems Center, Los Angeles Air Force Base, California. January.

Downing, J.M. and K. Plotkin. 1996 "Validation of Launch Vehicle Sonic Boom Predictions." *Journal of the Acoustical Society of America*. Vol. 100, No. 4, Part 2, p. 2566. October.

ENSR Corporation. 1996. *Environmental Assessment for Launch Rate Increase for Delta II Program at Vandenberg Air Force Base*. August.

———. 1997a. *Cultural Resources Assessment Report, McDonnell Douglas Aerospace, Evolved Expendable Launch Vehicle Program*. Vandenberg Air Force Base, California. July.

———. 1997b. *Wetland Assessment Report, McDonnell Douglas Aerospace, Evolved Expendable Launch Vehicle Program*. Vandenberg Air Force Base, California. August.

———. 1997c. *Draft Wetland Assessment Report, McDonnell Douglas Aerospace, Evolved Expendable Launch Vehicle Program*. Cape Canaveral Air Station, Florida. September.

Environmental Science Associates. 1996. *Draft City of Lompoc General Plan Revision*. Environmental Impact Report. June.

Environmental Solutions, Inc. 1990. *The Survey and Inventory of Historic Properties within the Titan IV/Centaur Launch Complex Study Area, Vandenberg Air Force Base, California, Volume 1*. Prepared for the U.S. Air Force Space Systems Division Headquarters, Department of Environmental Planning, El Segundo, California.

ESC. 1999. Letter dated May 11, 1999, from the Environmental Support Contractor (ESC) describing recent biological surveys performed on the Cape Canaveral Air Station, Cape Canaveral Air Station, FL.

Federal Aviation Association. 1999. 1999 Commercial Space Transportation Forecasts. Administrator for Commercial Space Transportation (AST) and the Commercial Space Transportation Advisory Committee (COMSTAC). May.

Frankle, A.S. and C.W. Clark 1998. "Results of Low-Frequency Playback of M-Sequence Noise to Humpback Whales, Megaptera Novaeangliae, in Hawaii." *Canadian Journal of Zoology*. Vol. 76, Pp. 521-535.

Fugro West, Inc. 1996. Memorandum from M.K. Maki. May.

- Fugro West, Inc. 1997. Preliminary Biological Assessment for the Vandenberg AFB SLC 3 West Site, Santa Barbara County, California. Prepared for AJT & Associates, March 11. 17 pp.
- Fugro West, Inc. 1997. Preliminary Biological Assessment for the Vandenberg AFB SLC 3 West Site, Santa Barbara County, California. Results of a follow-up site visit of the project site. Prepared for AJT & Associates, March 11. 6 pp.
- Gibson, R.O. 1991. *The Chumash*. Chelsea House Publishers, New York.
- Glassow, M.A. 1990. *Archaeological Investigations on Vandenberg Air Force Base in Connection with the Development of Space Transportation System Facilities*. Vol. I. Prepared for the U.S. Air Force Space Systems Division, Los Angeles, California, under USAF Order No. F04701-78-F-0027.
- Hanning-Lee, M.E., B.B. Brady, L.R. Martin, and J.A. Syage. 1996. "Ozone Decomposition on Alumina: Implication to Solid Rocket Motor Exhaust." *Geophysical Research Letters*, Vol. 23, No. 15, pp. 1961-1964.
- Hearst, Nanette. 1999. Conservation Public Relations Office, City of Cocoa. Personal communication with Karen DiCarlo, CH2M HILL. August.
- Holmgren, M.A., and P.W. Collins. 1995. *Interim Report on the Distribution, Breeding Status, and Habitat Associations of Seven Federal Special-Status Bird Species and Brown-Headed Cowbirds at Vandenberg Air Force Base, Santa Barbara County, California*. Prepared for Vandenberg Air Force Base. December.
- Hunt, L.E. and K. Rindlaub. 1997. *Biological Assessment of Expanded SLC-3 West Facility, South Vandenberg Air Force Base, Santa Barbara County, California*. Prepared for AJT & Associates, October 15.
- Interagency Group (Space). 1989. *Report on Orbital Debris*. National Security Council, Washington, D.C. February.
- International Conference of Building Officials. 1991 *Uniform Building Code*.
- Jackman, C.H., D.B. Considine, and E.L. Fleming. 1998. "A Global Modeling Study of Solid Rocket Aluminum Oxide Emission Effects on Stratospheric Ozone." *Geophys. Res. Lett.*, Vol. 25, No. 6, 907-910.
- Jacobs Engineering Group, Inc. 1995. *Site 6, Space Launch Complex 3-W, Preliminary Endangerment Assessment Report*. Prepared for 30 CES/CEVR Installation Restoration Program, Vandenberg Air Force Base. March.
- Johnson, N.L. 1987. "Preventing Collisions in Orbit." *Space*. Volume 3.
- Keegan, N.R. 1992. *Final Report from Delta II 7925 Noise Measurement*. Aerospace Corporation. October 1.
- Kessler, D.J. 1998. "Predicting Debris." *Aerospace America*. June.
- . 1989. "Current Orbital Debris Environment." *Orbital Debris from Upper-Stage Breakup, Progress in Astronautics and Aeronautics*, Vol. 121.

- Le Baron, J.F. 1984. "Prehistoric Remains in Florida." *Smithsonian Institution Annual Report for 1884*. Smithsonian Institution, Washington, D.C.
- Levy, R.S., D.F. Barton, and T. Riordan. 1984. *An Archaeological Survey of Cape Canaveral Air Force Station, Brevard County, Florida*. Prepared for the Southeast Regional Office, National Park Service by Resource Analysts, Inc.
- Loftus, J.P. 1989. Preface in "Orbital Debris from Upper-Stage Breakup." *Progress in Astronautics and Aeronautics*, Vol. 121, J.P. Loftus Jr., ed., American Institute of Aeronautics and Astronautics, Washington, D.C.
- Long, G.A. 1967. *Indian and Historic Site Report: John F. Kennedy Space Center, NASA Site Report*. Prepared for the Kennedy Space Center Office of Public Affairs, Manuscript on File, Division of Historical Resources. Department of State, Tallahassee, Florida.
- McCarthy, S., S. Enscoe, and P. Nowlan. 1994. *Historic American Engineering Record of Complex 19, Cape Canaveral Air Station, Cape Canaveral, Florida*. Prepared for the U.S. Department of the Air Force by the U.S. Army Construction Engineering Research Laboratories, Champaign, Illinois.
- McInerny, S.A. 1993a. *Delta Launch Sound Levels at 1500, 2000, 3000, and 4000 Feet From the Pad*. Prepared for Huntington Beach Operations Branch, Goddard Space Flight Center, National Aeronautics and Space Administration. January.
- McKenzie, D.L., D.J. Gutierrez, and J.H. Hecht. 1997. "Influence of the STS-78 Space Shuttle Exhaust Plume on Column Ozone Abundance Inferred from Ground-Level Solar UV Spectra, TR-97(1410)-1. The Aerospace Corporation. February.
- McPeters, R., M. Prather, and S. Soirin. 1991. "Reply." *J. Geophys. Res.* Vol. 96, No. D9, 17379-17381.
- Medwin, H., R.A. Helbig, and J.D. Hagy, Jr. 1973. "Spectral Characteristics of Sound Transmission through the Rough Sea Surface." *J. Acoustical Society of America*. Vol. 54, No. 1. Pp. 99-109.
- Molina, M.J., L.T. Molina, R. Zhang, R.F. Meads, and D.D. Spencer. 1997. "The Reaction of ClONO₂ with HCl on Aluminum Oxide." *Geophysical Resource Letter*. Vol. 24. pp 1619-1622.
- Moore, C.B. 1922. *Mound Investigations on the East Coast of Florida, in Additional Mounds of Duval and Clay Counties, Florida*. Heye Foundation Indian Notes and Monographs, Museum of the American Indian, New York.
- Munk, W., P. Worchester, and C. Wunsch. 1995. *Ocean Acoustic Tomography*. Cambridge University Press.
- Munk, W.H. "Waves in the Sea." 1956. *Encyclopedia Britannica*. Vol. 23, Pp. 442-444.
- National Aeronautics and Space Administration. 1995c. *Final Environmental Impact Statement for the Cassini Mission*.
- . 1996. *Final X-33 Programmatic Environmental Assessment: Vehicle and Technology Demonstration Concepts, Marshall Space Flight Center*. Alabama. June.

- National Authorization Act. P.L. 103-160, Section 213(a), Fiscal Year, 1994.
- National Park Service. 1980. *Reconnaissance Survey: Man in Space*. National Park Service, Denver Service Center, Denver, Colorado.
- National Research Council. 1995. *Orbital Debris: A Technical Assessment*. National Academy Press, Washington, D.C.
- National Science and Technology Council. 1996. Fact Sheet: National Space Policy. The White House. September 19.
- The Nature Conservancy. 1999. Florida Natural Areas Inventory. Biological Survey of Cape Canaveral Air Station, Indian River Lagoon and Merritt Island Wildlife Refuge. Database Summary Files, Tallahassee, FL.
- New South Associates. 1993. *Historic Properties Survey, Cape Canaveral Air Force Station, Brevard County, Florida*. Prepared for the U.S. Army Corps of Engineers, Mobile District. December.
- New South Associates. 1996. *45 Space Wing Cultural Resource Management Plan: Patrick Air Force Base and Cape Canaveral Air Station, Brevard County, Florida*. Technical Report No. 386. May.
- Nickerson, G.R., D.R. Berker, D.E. Coats, and S.S. Dunn. 1993. "Two-Dimensional Kinetics (TDK) Nozzle Performance Computer Program, Report No. SN130, Marshall Space Flight Center, Alabama. March.
- Nickerson, G.R., D.E. Coats, A.L. Dango, and S.S. Dunn. 1987. "The Solid Propellant Rocket Motor Performance Prediction Computer Program (SPP), Version 6.0," Report No. AFRL-TR-87-078, Air Force Research Laboratory, Edwards AFB, California. December.
- NSP Directive No. 1. November 2, 1989.
- NSP Directive No. 2. September 5, 1990.
- Office of Environmental Health Hazards Assessment. 1998. *Illness Indicators in Lompoc, California: an Evaluation of Available Data*. June.
- Office of Science and Technology Policy. 1995. *Interagency Report on Orbital Debris*. National Science and Technology Council. November.
- Office of Technology Assessment. 1990. *Orbiting Debris: A Space Environmental Problem*. Congress of the United States, Washington, D.C.
- Oyler, L.D., V.L. Holland, and D.J. Keil. 1995. *Rare Plants of Vandenberg Air Force Base*. Prepared for Vandenberg Air Force Base under contract with The Nature Conservancy. December.
- Pacetti, A.B. 1996. "Turning the Tide to Protect the Earth's Most Diverse Estuary, the Indian River Lagoon." *Florida Water*. Fall/Winter 1996. South Florida Water Management District, West Palm Beach, Florida and Southwest FLWMD, Brooksville.

- PanAm World Services, Inc. 1989. *Land Management Plan, Cape Canaveral Air Station*. Prepared for the U.S. Air Force, Eastern Space and Missile Center. Patrick Air Force Base, Florida. June.
- Pergament, H.S., R.I. Gomberg, and I.G. Poppoff. 1997. "NO_x deposition in the stratosphere from the space shuttle rocket motors." Appendix G. NASA Tech. Memo. X-58198, G-3. (As reported Syage 1995.) January.
- Pierce, A.D. 1994. *Acoustics*. Acoustical Society of America. Pp. 75-82.
- Plotkin, K.J. 1996. *PCBoom3 Sonic Boom Prediction Model: Version 1.0c*. Wyle Research Report WR 95-22C. May.
- _____. 1997. *Prediction of Rocket Noise Footprints During Boost Phase*. AIAA 97-1660. May.
- Potter, J.R. 1994. "ATOC: Sound Policy or Enviro-Vandalism? Aspect of a Modern Media-Fueled Policy Issue." *J. Environment and Development*. Vol. 3, No. 2, Pp. 47-62.
- Prather, M.J., M.M. Garcia, A.R. Douglass, C.H. Jackman, M.K.W. Ko, and N.D. Sze. 1990. "The Space Shuttle's Impacts on the Stratosphere." *J. Geophys. Res.*, 95 No. 11, 18582-18590.
- Read, N. 1996a. *Titan IV Launch from SLC-4, 12 May 1996—Monitoring of Threatened and Endangered Species on Vandenberg Air Force Base*. Natural Resources Section, 30 CES/CEVPN, Civil Engineering Environmental Management. 9 pages.
- _____. 1996b. *Titan IV Launch from SLC-4, 20 December 1996—Monitoring of Threatened and Endangered Species on Vandenberg Air Force Base*. Natural Resources Section, 30 CES/CEVPN, Civil Engineering Environmental Management. 5 pages.
- _____. 1997. Facsimile from N. Read, 30 CES/DEVPN, Regarding Threatened and Endangered Species and Sensitive Habitats at Vandenberg AFB. August 21.
- Richardson, W.J., et al. 1995. *Marine Mammals and Noise*. Acad. Press. Pp. 15-86, 425-452.
- Ross, D. 1987. *Mech. Underwater Noise*. Peninsula Pub. Los Alto, CA.
- Ross, M.N. 1992. "Potential Impact of Solid Rocket Motor Exhaust on Stratospheric Ozone." Aerospace Report No. TOR-92(2565).
- Ross, M.N., J.R. Benbrook, W.R. Sheldon, P.F. Zittel, and D.L. McKenzie. 1997a. "Observation of Stratospheric Ozone Depletion in Rocket Plumes." *Nature*. No. 390. pp. 62-65.
- Ross, M.N., J.O. Ballenthin, R.B. Gosselin, R.F. Meads, P.F. Zittel, J.R. Benbrook, and W.R. Sheldon. 1997b. "In-situ Measurement of Cl₂ and O₃ in a stratospheric solid rocket motor exhaust plume." *Geophysical Research Letters*. Vol. 24. pp 1755-1758.
- Rouse, I. 1951. "A Survey of Indian River Archaeology, Florida." *Yale University Publication in Anthropology*. No. 44. Yale University.
- Santa Barbara County Planning Department. 1996. Traffic Count.
- Santa Barbara County. 1982. Coastal Plan.

Sawyers, K.H. 1968. "Underwater Sound Pressure from Sonic Booms." *J. Acoustical Society of America*. Vol. 44, No. 2, Pp. 523-524.

Scheraga, J.D. 1986. "Curbing Pollution in Outer Space." *Technology Review*. January.

Schmalzer, P.A., S.R. Boyle, P. Hall, D.M. Oddy, M.A. Hensley, E.D. Stolen, and B.W. Duncan. 1998. *Monitoring Direct Effects of Delta, Atlas, and Titan Launches from Cape Canaveral Air Station*. Prepared for Dynamac Corporation. June.

SMC. 1997. *Environmental Impact Assessment Process for USAF Atmospheric Interceptor Technology Program*. Department of the Air Force, Materiel Command, Headquarters Space and Missile Systems Center. October.

Smith Environmental Services. 1997. *Attachment A, Evolved Expendable Launch Vehicle Program, Cape Canaveral Air Station, Brevard County, Florida, Environmental Considerations and Mitigation Proposal: Joint Application for St. John's River Water Management District Environmental Resource Permit – Surface Water Management Systems (Chapter 40C-4, F.A.C.) and Department of the Army Corps of Engineers Section 404 Dredge and Fill Permit*. November.

Sparrow, V.W. 1995. "The Effect of Supersonic Aircraft Speed on the Penetration of Sonic Boom Noise into the Ocean." *J. Acoustical Society of America*. Vol. 97, No. 1, Pp. 159-162.

SRS Technologies. 1998a. *Acoustic Measurement of the Titan II G-12 Launch and Quantitative Analysis of Harbor Seal Behavioral Responses, 13 May 1998*. September 24.

_____. 1998b. *Final Report; Monitoring the Effects on Launch Noise on Pinnipeds and Southern Sea Otters; Taurus STEX Mission SMC/TEV; 1 Vandenberg Air Force Base, California*. December.

_____. 1999a. *Acoustic Measurement of the Athena 2 IKONOS-1 Launch on 27 April 1999 and Quantitative Analysis of Behavioral Responses for Harbor Seals on Vandenberg Air Force Base and Selected Pinnipeds on San Miguel Island, CA*. July.

_____. 1999b. *Acoustic Measurement of the 22 May 1999 Titan IV B-12 Launch and Quantitative Analysis of Auditory and Behavioral Responses for Selected Pinnipeds on Vandenberg Air Force Base and San Miguel Island, CA*. August.

St. John's River Water Management District. (no date provided). *What You Should Know About the Indian River Lagoon*. Melbourne, Florida.

Stewart, B., J. Francine, and P. Thorson. 1994. *Taurus Launch at Vandenberg Air Force Base, March 13, 1994; Sound Levels and Behavioral Responses of Harbor Seals (*Phoca vitulina richardsi*) at Purisima Point and Rocky Point*. Hubbs-Sea World Research Institute. May 20.

Stewart, R.H. 1969. "The Atmosphere & the Ocean." *The Ocean Scientific American Book*. W.H. Freeman & Co., Pp. 28-38.

Stirling, G.M. 1935. Map of Merritt Island and Peninsula, Brevard County, Florida, showing mounds in the Canaveral Region. Map on file (Accession No. 31-13). Peabody Museum, Harvard University.

Syage, J.A., and Ross, M.N. 1995. "Can the Total Ozone Mapping Spectrometer (TOMS) Measure Ozone Depletion in Rocket Plumes?" Aerospace Report No. TR-95(5231)-4. June.

- Taylor, M.W. and H.S. Pergament. 1998. "Standardized Plume Flowfield Model SPF-III (Version 4.0)," Report No. PST TR-39. Propulsion Science and Technology, Inc., Princeton, New Jersey, February.
- Tri-Services Cultural Resources Research Center, U.S. Army Construction Engineering Research Laboratories. 1993. *Determination of Eligibility of Launch Complexes and Related Facilities for Listing on the National Register of Historic Places at Cape Canaveral Air Force Station, Cape Canaveral, Florida*. Prepared for the U.S. Air Force. September.
- Tri-Services Cultural Resources Research Center, U.S. Army Corps of Engineers Research Laboratories. 1996. *Cold War Properties Evaluation, Phase 1, Inventory and Evaluation of Launch Complexes and Related Facilities at Vandenberg Air Force Base, California, Final Report*. February.
- Turner, S., et al. 1994. *Historic American Engineering Record of Complex 13, 26, 36, Cape Canaveral Air Station, Cape Canaveral, Florida*. Prepared for the U.S. Air Force by the U.S. Army Construction Engineering Research Laboratories. Champaign, Illinois.
- U.S. Air Force CES/CEV. 1999. *Draft 1997 Air Emissions Inventory Report for Cape Canaveral Air Station, Florida*. February.
- U.S. Air Force Material Command. 1997. *Environment Impact Analysis Process: Environmental Assessment for USAF Atmospheric Interceptor Technology Program*. Appendix C, Launch Noise and Sonic Boom.
- U.S. Air Force Space Command. 1995c. *Supplemental Preliminary Assessment, Final Report, Vol. I, Installation Restoration Program, Vandenberg, AFB*. October.
- U.S. Air Force. 1978. *Final Environmental Impact Statement for the Space Shuttle Program, Vandenberg Air Force Base, California*. January.
- . 1985. *Environmental Assessment for Construction and Operation of Space Shuttle Power Plant and Natural Gas Pipeline, Vandenberg Air Force Base, California*. January.
- . 1987b. *Environmental Assessment for Titan II Space Launch Vehicle Modification and Launch Operation, Vandenberg Air Force Base*. August.
- . 1988a. *Archaeological Resources Inventory and No Effects Determination for Proposed Phase III Geotechnical Testing, Proposed Space Launch Complex 7, Vandenberg Air Force Base, Santa Barbara County, California*. October.
- . 1988b. *Biological Assessment for the Titan II and Titan IV Space Launch Vehicle Modifications and Launch Operations Programs, Vandenberg Air Force Base, California*. June.
- . 1988c. *Draft Environmental Assessment, Modifications to and Operations at the Hypergolic Maintenance and Checkout Facility, Vandenberg Air Force Base, California*. September.
- . 1989a. *Draft Environmental Impact Statement Construction and Operation of Space Launch Complex 7, Vandenberg Air Force Base, California*. Vol. I. July.
- . 1989d. *Vandenberg Air Force Base Comprehensive Plan, Santa Barbara County, California*. August.

- _____. 1991c. *Environmental Assessment, Centaur Cryogenic Tanking Facility and Centaur Processing Building, Cape Canaveral Air Force Station, Florida*. October.
- _____. 1991f. *Final Environmental Assessment, Vandenberg Air Force Base, Atlas II Program*. August.
- _____. 1992b. *Environmental Assessment for the Taurus Standard Small Launch Vehicle Program, Vandenberg Air Force Base, California*. April.
- _____. 1994c. *Environmental Assessment for the California Spaceport, Vandenberg Air Force Base, California*. December.
- _____. 1995a. *Eastern and Western Range 127-1, Range Safety Requirements*. March.
- _____. 1996b. *30th Space Wing Plan 32-7080, Pollution Prevention Management Plan*. May.
- _____. 1998. *Final Environmental Impact Statement, Evolved Expendable Launch Vehicle Program*. April.
- _____. 1998. *30 SW Instruction 91-106, Toxic Hazard Assessments*. December.
- _____. 1998. *30th Space Wing Plan SWI 91-106*. December 30.
- U.S. Army Corps of Engineers. 1988. *Historic Properties Investigation of a Proposed Security Fence for Fuel Storage Area #1, Cape Canaveral Air Station, Brevard County, Florida*. Prepared for the Eastern Space and Missile Center, Patrick Air Force Base by the Mobile District, U.S. Army Corps of Engineers.
- _____. 1989. *Historic Properties Investigations of Several Proposed Projects: Launch Complex 17 Security Fence Upgrade, TGSF Storage Facilities, Launch Complex 01 Line of Sight, Cape Canaveral Air Force Station, Brevard County, Florida*. Prepared for the Eastern Space and Missile Center, Patrick Air Force Base by the Mobile District, U.S. Army Corps of Engineers.
- _____. 1990b. *Historic Properties Investigation of the Centaur Processing Facility, Interim Spin Test Facility, Missile Assembly Building Parking*. Prepared for the Eastern Space and Missile Center, Patrick Air Force Base by the Mobile District, U.S. Army Corps of Engineers.
- _____. 1991. *Historic Properties Investigation of the Chemical Testing Laboratory, Wastewater Treatment Facility, Command Control Building Addition Fence*. Prepared for the Eastern Space and Missile Center, Patrick Air Force Base by the Mobile District, U.S. Army Corps of Engineers.
- U.S. Bureau of Economic Analysis. 1996a *Regional Economic Information System*. Department of Commerce, Economics and Statistics Administration, Regional Economic Measurement Division. June.
- U.S. Environmental Protection Agency, Office of Air quality Planning and Standards, Monitoring Values Reports, <http://www.epa.gov/airsdata/monvals.htm>.
- U.S. Environmental Protection Agency, Federal Emergency Management Agency, Department of Transportation. 1987. *Technical Guidance for Hazards Analysis: Emergency Planning for Extremely Hazardous Substances*. December.

_____. 1996b. U.S. Gross Domestic Product, Federal Defense Implicit Price Deflator Index. Received from the National Income and Wealth Division, Department of Commerce, Economics and Statistics Administration.

_____. 1996c. U.S. Gross Domestic Product, Personal Consumption Expenditures Implicit Price Deflator Index. Received from the National Income and Wealth Division, Department of Commerce, Economics and Statistics Administration.

U.S. Bureau of Labor Statistics. 1997. "Current Labor Statistics." *Monthly Labor Review*. Table 7, P. 55, Vol. 120, No. 2. Department of Labor.

U.S. Department of the Interior, National Park Service. 1978. *An Inter-Tidal and Underwater Archaeological Survey of the Point Arguello Boathouse Area, Vandenberg Air Force Base, California*.

U.S. Department of the Interior, U.S. Fish and Wildlife Service. 1995. *Mapping Effort for the United States Air Force, Vandenberg Air Force Base*. National Wetlands Inventory. July.

U.S. Fish and Wildlife Service. 1999. *Biological and Conference Opinion for the Atlas Launch Program, Vandenberg Air Force Base, Santa Barbara County, California*. Letter Report addressed to Lt. Col. Scott W. Westfall. December 15. 27 pages.

United Nations Environmental Programme. 1998. "Environmental Effects of Ozone Depletion: 1998 Assessment." <http://sedac.ciesin.org/ozone/docs/UNEP98/UNEP98.html>. November.

University of Florida. 1997. *Florida Estimates of Population: April 1, 1996*. Prepared by the Population Program, Bureau of Economic and Business Research, Warrington College of Business Administration, Gainesville, Florida. February.

Urlick, R.J. 1938. *Principles of Underwater Sound*. 3rd Ed., McGraw Hill.

Versar, Inc. 1991. *Preliminary Final Environmental Assessment, Vandenberg Air Force Base, Atlas II Program*. June.

Wadzinski, M. 1997. Personal communication with Mike Wadzinski regarding Health and Safety. July.

Wenz, G.M. 1962. *J. Acoustical Society of America*. Vol. 34, Pp. 1936-1956.

Wiley, G.R. 1954. "Burial Patterns in the Burns and Fuller Mounds, Cape Canaveral, Florida." *Florida Anthropologist*. Vol. 7.

Zittel, P.E. 1999. *Plume Chemical Deposition Rates for McDonnell Douglas GEM-LDXL SRM Motor*. The Aerospace Corporation. March 30.

_____. 1999. *Modeled Plume Chemical Deposition Rates for Lockheed Martin*. The Aerospace Corporation. *Atlas V SRM Motor*. March 30.

_____. 1997a. *Plume Chemical Deposition Rates for Lockheed Martin Booster Engine*. The Aerospace Corporation.

_____. 1997b. *Plume Chemical Deposition Rates for McDonnell Douglas Booster Engine*. The Aerospace Corporation.

Zolensky, M.E., D.S. McKay, and L.A. Kaczor. 1989. "A Tenfold Increase in the Abundance of Large Solid Particles in the Stratosphere, as Measured Over the Period 1976-1984." *J. Geophys. Res.*, 94 No. D1, 1047-1056.