

Partial List of Publications by Dr. David A. Thompson

(With M. Acker) "A Detailed Physiological Difficulty Analysis of Manual Work", Journal of Methods Time Measurement, Sept.-Oct. 1960, P. 1-6.

On the Evaluation of Human Ability to Perform Industrial Work, unpublished doctoral dissertation, Stanford University, Stanford, CA, June 1961.

"The Man-Computer System: Toward Balanced Cooperation in Intellectual Activities", Proceedings of the International Symposium on Man-Machine Systems, Vol. 1, Cambridge, England, 8-12, September 1969.

A Human Factors Engineering Analysis of the Proposed Computer-Aided Public Safety System for Santa Clara County, technical report submitted to the Santa Clara County Criminal Justice Planning Board, September 16, 1975.

Development of a Driver Screening Test for the Greyhound Corporation, technical report submitted to the sponsors, Phoenix, AZ, November 11, 1975.

(With K. Hasegawa and J. Jones) "Comparative Performance Evaluation of Remote Teleoperator Robot Manipulation", Seventh Annual International Symposium on Industrial Robots, Tokyo, Japan, October 19-21, 1977.

(With P. Kirschner) "Decision Tree Display Parameters for Interactive Graphics Computers", International Conference in Interactive Techniques in Computer-Aided Design Proceedings, Bologna, Italy, September 21-23, 1978.

"Commercial Air Crew Detection of System Failures: State of the Art and Future Trends", NATO Symposium on Human Detection and Diagnosis of System Failures Proceedings, Roskilde, Denmark, August 4-8, 1980. Also in Rasmussen, J. and W. B. Rouse, eds., Human Detection and Diagnosis of System Failures, Plenum Press, New York, 1981.

(With S. Douglas and M. Junge) "Information-Decision-Action Charts: A Tool for the Ergonomic Analysis of Computerized Control and Information Systems", Joint IEA/NES International Conference on Ergonomics in Action Proceedings, Oslo, Norway, August 20-22, 1980.

"Staffing Recommendations, Fairfield-Suisun Subregional Wastewater Treatment Plant", submitted to Solano County for Envirotech Operation Services, San Mateo, CA, February 26, 1982.

(With Thomas Sheas of INET Corporation) Human Factors Affecting IAEA Inspector Performance, prepared for the US Arms Control and Disarmament Agency, Vienna, Austria, September 1983, 83 pages.

(With C. Lupi, L. Morse, J. Ladou, and V. Ernster) "Carpal Tunnel Syndrome and Occupation: A Matched Case Control Study", Clinical Research, 32, #1, 40a, 1984.

An Analysis of Work Methods and Potential Health Hazards at the PG&E Payment Processing Center submitted jointly to PG&E, San Francisco, CA, and IBEW Local 1245, Walnut Creek, CA January 6, 1984 (revised).

(With T. Meites, M. Herbert and T. McLaughlin) A Program to Design and Develop an Unbiased New Hire Screening Process for Entry Level Jobs at Libbey-Owens-Ford, for the US Equal Employment Opportunity Commission, Chicago District Office, July 1, 1985.

"Comparison of Stress Levels and Musculoskeletal Discomfort Among VDT and Other Machine Operators", International Ergonomics Association 10th International Congress Proceedings, Sydney, Australia, August 1-5, 1988.

"Fault Logic Analysis of Product Safety", Proceedings of the Human Factors Society, Anaheim, California, October 24-28, 1988, pp. 527-531.

(With A.M. Osorio, et. al.) "Carpal Tunnel Syndrome Among Grocery Store Workers: A Medical/ Neurodiagnostic Survey", Proceedings of American Public Health Association 117th Annual Meeting, Chicago, IL, October 22-26, 1989. Also, FI-86-005, California Occupational Health Program, California Department Health Services, Berkeley, CA, June 22, 1989.

"Ergonomics and the Prevention of Occupational Injuries", Chapter 6 in J. LaDou, (Ed.) Occupational Medicine, E. Norwalk, CT: Appleton & Lange, 1990.

"Ergonomics," Chapter 30, R. Anderson and A. White (Eds.), Conservative Care of Low Back San Francisco: Williams & Wilkins, 1991.

"Industrial Engineering and Ergonomics", Chapter 11 in J. LaDou (Ed.) Occupational Health and Safety (2nd ed.), Chicago: National Safety Council, 1994.

"When Is a 'Warning' Not a WARNING!" (July, 1995), Ergonomics in Design, 25-28.

"Ergonomics Programs", (with I. Janowitz), in Balge & Krieger, eds., Occupational Health & Safety (3rd ed.), National Safety Council, 2000.

"Mock Trial: Human Factors Contributions to Litigation Involving Adaptive Cruise Control" (with Y.I. Noy, A. Vredenburg et al., Proceedings of the XIVth Triennial Congress of the International Ergonomics Association and 44th Annual Meeting of the Human Factors and Ergonomics Society, San Diego, CA, August 2, 2000, p. 398.

"Keyboards" in International Encyclopedia of Ergonomics and Human Factors, W-Karwowski (ed.), Taylor & Francis, London (2001).

"A Guide to Forensic Human Factors Terminology" (with D. Thomas, D. Horst, H. Cohen, R. Olsen, and J. Pauls) in Handbook of Forensic Human Factors and Ergonomics, W. Karwowski, ed., Taylor & Francis [in press].