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Education:

MA, Psychology, San Jose State University
Major Area of Study: Human Factors
Masters thesis: "The effect of automation on workload management and pilot role"

B.A., Psychology, San Jose State University
Major Area of Study: Human Factors

Research Interests in aviation human factors include:

crew communication, adult learning methods, prospective memory and concurrent task management with particular attention to operational teams

Honors and awards:

NASA Ames Honor Award for Excellence in the category of Group/Team,
Oct. 4, 2000

Selected Publications:

Dismukes, R.K., Loukopoulos, L.D., & Jobe, K.K. (in press) The challenges of managing concurrent and deferred tasks. In Proceedings of the 11th International Symposium on Aviation Psychology. Columbus, OH: Ohio State University.

Dismukes, R. K., McDonnell, L. K., Jobe, K. K., & Smith, G. M. (2000). What is facilitation and why use it? In R. K. Dismukes & G. M. Smith (Eds.), Facilitation in aviation training and operations (pp. 1-12). Aldershot, UK: Ashgate.

Dismukes, R. K., Jobe, K. K., & McDonnell, L. K. (2000). Facilitating LOFT debriefings: A critical analysis. In R. K. Dismukes & G. M. Smith (Eds.), Facilitation in aviation training and operations (pp. 13-25). Aldershot, UK: Ashgate.

McDonnell, L. K., Jobe, K. K., & Dismukes, R. K. (2000). Facilitating LOS debriefings: Synopsis of a training manual. In R. K. Dismukes & G. M. Smith (Eds.), Facilitation in aviation training and operations (pp. 26-50). Aldershot, UK: Ashgate.

McDonnell, L. K., Jobe, K. K., Dismukes, R. K., & Smith, G. M. (1999). The debriefing assessment battery as a facilitation tool. In R. Jensen (Ed.), *Proceedings of the*

Tenth International Symposium on Aviation Psychology (pp. 1084-1089). Columbus, OH: Ohio State University.

McDonnell, L. K., Jobe, K. K., & Dismukes, R. K. (1997, April). *Facilitating LOS debriefings: A training manual*. Presented at the Ninth International Symposium on Aviation Psychology, Columbus, OH.

McDonnell, L. K., Jobe, K. K., & Dismukes, R. K. (1997). *Facilitating LOS debriefings: A training manual* (NASA Technical Memorandum 112192). Moffett Field, CA: NASA Ames Research Center.

Dismukes, R. K., Jobe, K. K., & McDonnell, L. K. (1997). *LOFT debriefings: An analysis of instructor techniques and crew participation* (NASA Technical Memorandum 110442). Moffett Field, CA: NASA Ames Research Center.

Segal, L., & Jobe, K. K. (1995). On the use of visual activity communication in the cockpit. In R. S. Jensen (Ed.), *Proceedings of the Eighth International Symposium on Aviation Psychology* (pp. 712-717). Columbus, OH: Ohio State University Press.

Jobe, K. K. (1994). The effect of automation on workload management and pilot role (Masters thesis, San Jose State University, 1994). Masters Abstracts International.