

William L. (Bill) Rankin, Ph. D.
President, Wm L Rankin Consulting, Inc.
Retired, Boeing Technical Fellow

Bill Rankin is a Retired Boeing Technical Fellow and Lead of the Maintenance Human Factors Group in Boeing Commercial Aviation Services. He received his Ph.D. in Experimental Psychology in 1976 from Washington State University in the areas of human learning and cognitive psychology. From 1976 to 1986 he worked for the Battelle Seattle Research Centers carrying out human factors engineering work in the nuclear, liquefied natural gas, and chemical processing industries.

Bill joined Boeing in 1986 and moved to Boeing Customer Support in 1995. His responsibilities included the development of maintenance Human Factors processes and training relevant to Boeing customer airlines. This included support for helping customer airlines implement:

- The Maintenance Error Decision Aid (MEDA) process,
- The Ramp Error Decision Aid (REDA) process,
- A Fatigue Risk Management System (FRMS) for Maintenance,
- Maintenance Line Operations Safety Assessment (LOSA),
- Ramp LOSA, and
- A Safety Management System (SMS) in Maintenance & Engineering and in Ramp Operations.

He also developed a two-day Maintenance Human Factors training seminar that meets the requirements of the European Aviation Safety Agency part 145. In 2000, Bill and the Boeing MEDA Team received the International Federation of Airworthiness' Whittle Safety Award for the MEDA process. In March 2010 Bill received the Flight Safety Foundation/Airbus Human Factors in Aviation Safety Award.

Bill retired from Boeing in March 2014. He is now President of Wm L Rankin Consulting, Inc.