

1086-AE-1169 **Stephen P. Keeler*** (stephen.p.keeler@boeing.com), P.O. Box 3707 MC 7L-21, Seattle, WA
98124-2207. *Getting Math Off the Ground: Applied Mathematics at Boeing.*

Boeing's Applied Mathematics group works with engineers on the design and manufacture of Boeing products, conducts applied research and development, and does consulting and software development for non-Boeing customers. This talk describes the types of problems and applications we deal with and the mathematical disciplines and other skills which are important. It also deals with the special constraints that arise in an industrial setting and outlines some considerations of importance for a mathematician contemplating an industrial career. (Received September 19, 2012)