1077-E1-2008   **Dick Jardine*** (`rjardine@keene.edu`), Mathematics Department, Keene State College, 229 Main Street MS2010, Keene, NH 03435-2010. *A President, A. Partridge, and Practical Mathematics.* Preliminary report.

One of our founding fathers, who was also one of our young nation's significant scientists, carried on a mathematical correspondence about the calculation of the elevation of mountains. The exchange between two men actively engaged in "practical mathematics" during the Jeffersonian era includes application of geometry, trigonometry, and calculus. Included in the presentation is how this content has been included in undergraduate calculus and history of mathematics courses. (Received September 21, 2011)