

**Age and Training Time of Pilots Applying for Boeing 707 Jet Ratings
up to December 20, 1959**

Age Group	Number of Pilots	Training Time in Hours		
		Upper	Lower	Mean
35-39	17	29	8	16.53
40-44	46	33	8	17.70
45-49	73	28	8	17.45
50-54	74	41	8	19.95
55-59	20	35	12	24.00
All Ages	230	41	8	18.80

This table includes data obtained early last summer and presented by Dr. J. E. Smith at the meeting of the special committee on retirement ages appointed by Mr. Quesada, in addition to data accumulated since the flip charts and slides were prepared. A formal least squares regression line has not been calculated, but would almost surely be statistically significant. Note, however, that the ranges are wider, as would be expected with increasing numbers, and the slope is less steep, so that revision of the chart would make a less effective presentation.

There are a number of questionable points about these data. Some of the applicants for formal FAA rating were experienced test pilots, for instance. A number of these were recognized and eliminated from the tabulations by Mr. Vaky, FS-420, but there may be others. Also, there is considerable variation in total experience, or flight time, among the applicants in any one age group. Control of this factor might affect the conclusions considerably. In addition, the various airlines have different company rules about minimum training time, types of training and the like, which may markedly affect the reported training times. These and other factors should be thoroughly investigated before placing too much emphasis on the regressions found.