



FLORIDA POLYGRAPH SERVICE, INC.

A SUBSIDIARY OF CASTLEWOOD INTERNATIONAL CORPORATION
MIAMI, FLORIDA / 16565 Northwest 15th Avenue 33169 / (305) 620-0804
GAINESVILLE, FLORIDA / One Northwest 10th Avenue 32601 / (904) 377-0980

A study was conducted by the Florida Polygraph Service, Inc., Miami, Florida during the latter part of 1975 and the beginning of 1976 to determine the extent to which the evaluations obtained from a Mark II Voice Analyzer corresponded to the evaluations obtained from a polygraph. A five pen (double pneumograph, cardiograph, G.S.R. and plethysmograph) Stoelting polygraph was used in this study. The polygraph examiners were members of either the Florida Polygraph Association, the American Polygraph Association, or both.

Seven hundred sixteen (716) pre-employment examinations, three hundred twenty three (323) periodic examinations, and nine (9) specific issue examinations, consisting of two homicides, three armed robberies, one rape and three burglaries.

The tape recordings of the examinations were processed through a Mark II Voice Analyzer and the resulting values evaluated concerning the truthfulness or deception of the subject's responses. These evaluations were made by an individual who had no knowledge of the evaluations made of the polygraph results.

The Mark II evaluations matched the polygraph evaluations in one thousand forty five (1045) to the one thousand forty eight (1048) examinations.

It is therefore the conclusion of this study, that when proper pre-test and examination procedures, as developed by our organization are used, the Mark II Voice Analyzer provides evaluations comparable to polygraph evaluations.

James Burkett
Chief Examiner

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