

ment Command Military Police Agency. Estimated completion date June 30, 1964.

DEPARTMENT OF THE NAVY

A. Completed study

Detection of deception.—Contract No. N6onr-180. Indiana University, February 15, 1952, project director, D. G. Ellson—\$100,000.

B. Study in process to improve methodology relative to certain polygraph components

Psychophysiology associated with interrogation procedures.—Project director, Dr. Leon Otis, Stanford Research Institute—\$37,880. Contract No. NONR 4129(00). Expected completion date June 14, 1965.

DEPARTMENT OF THE AIR FORCE

1. Fordham University

Initial contract AF 30(602)-2270, awarded March 1960, by the Rome Air Development Center, is a cost-reimbursable type in the sum of \$24,953. The contract is complete and resulted in Report No. RADC-TR 62-205 entitled "Studies in Lie Detection, Computer Feasibility Considerations" by Joseph F. Kubis.

A second contract AF 30(602)-2634 was awarded March 1, 1962, which is now nearing completion. This is also a cost-reimbursable contract in the approximate sum of \$46,000. The principal investigator is Dr. Joseph F. Kubis.

2. University of Georgia

Initial contract AF 30(602)-3380 awarded February 1964 by the Rome Air Development Center in the approximate amount of \$25,000 is a cost-reimbursable contract. Completion is expected in early 1965. The principal investigator is Dr. H. Zimmer.

(Both of these studies were awarded on a competitive solicitation of universities considered competent.)

3. Hebrew University, Jerusalem, Israel

This grant (AF-EOAR Grant 63-61) awarded by the European Office, Aerospace Research, Air Force Office of Scientific Research. The grant was \$2,475 and the study was completed October 31, 1963, in a report "Effects of Three Levels of Realistic Stress on Differential Physiological Reactivities." The principal investigator was Dr. S. Kugelmass.

Please let me know if you desire further information.

Sincerely yours,

(Signed) NORMAN S. PAUL,
Assistant Secretary of Defense (Manpower).

EXHIBIT 52—COMPARISON OF DOD USE OF POLYGRAPHS, 1963 AND 1964

	Tests performed	Polygraphs owned	Authorized polygraph examiners	Salary costs	Other annual costs
1963					
Army.....	12,494	261	358	\$1,788,136	\$18,270
Navy.....	2,012	86	106	878,299	5,769
Air Force.....	1,912	72	73	494,766	28,297
OSD.....	140	3	3	19,016	1,984
Total.....	16,558	422	540	3,180,217	54,320
1964					
Army.....	8,370	248	270	1,146,547	56,477
Navy.....	3,861	99	97	804,546	4,453
Air Force.....	1,336	68	58	264,548	17,631
OSD.....	102	4	5	22,531	915
Total.....	13,669	419	430	1,038,172	79,476

¹ Based on estimate of 5 percent of personnel total time.

² Based on estimate of 12 percent of personnel total time.