



5/1/22

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Lyle H. Lanier Papers, 1952-55

Box 1:

Contract no. AF 33 (038)-25726

- A-7 Large-scale calculation of phi coefficients (July 1953).
- A-8 Use of an electronic computer in principal axes factor analysis (August 1953)
- A-12 Comparative study of two approaches to the construction of job-knowledge tests (January 1954).
- A-13 Techniques in problem solving as a predictor of educational achievement (February 1954).
- A-14 Method of pattern analysis for isolating typological and dimensional constructs (May 1954).
- A-15 Approaches to the prediction of job success: II. The factorial inventory (May 1954).
- A-16 Approaches to the prediction of job success: III. The survey inventory (August 1954).
- A-17 Technique of problem solving as a predictor of mechanical school achievement (August 1954).
- A-18 Factorial investigation of certain tests of job knowledge and problem-solving techniques (August 1954).
- A-19 Differential learning and forgetting versus selective attrition as explanations of relationships found between job-knowledge tests and mechanical experience (January 1955).
- A-20 Further study of experience-centered and requirements-centered tests of job knowledge (February 1955).
- A-21 Balance problems test as a predictor of school grades of aircraft and engine mechanics (May 1955).
- A-22 Pattern analysis of descriptions of "best" and "poorest" mechanics compared with factor analytic results (June 1955).
- A-23 Some factors in the assessment of aircraft and engine mechanics (June 1955).
- A-24 Subject matter types within the B-47 written examination of mechanic's proficiency in relation to criteria of job performance (June 1955).
- A-25 Some factors in job satisfaction: the testing of a hypothesis (June 1955).
- A-26 Factor-analytic study of the Air Force factor reference battery (August 1955).
- A-27 Some relations between self and supervisory rating of job performance (August 1955).
- F-1 Results of pre-tests on trial form #5 and trial form #6 (February 1952).
- F-2 Results of pre-tests on trial form #3 (February 1952).
- F-3 Pretests of trial form 5B and trial form 7 (March 1952).
- F-4 Pretests of trial form 1B and trial form 8 (April 1952).

Box 2:

- F-5 Pretests of trial forms 3B, 3C, and 6B (May 1952).
- F-6 Study of the effects of an indoctrination program: I. Summary of pretests of attitude, information, and behavior rating measures (July 1952).
- F-7 Participant observer descriptions of a basic training situation (August 1952)
- F-8 Relation of authoritarianism and home discipline to military attitudes and performance (September 1953).
- F-9 Attitude modification and anxiety reduction (October 1953).
- F-10 Leadership and disciplinary factors in military performance (November 1953).
- F-11 Effects of basic training on learning by airmen of different intellectual ability (December 1953).
- F-12 Effects of basic training on the attitudes of airmen.
- F-13 Refutation and elaboration of audience counterarguments as factors in changing attitudes through communication (February 1954)
- F-14 Conclusion-drawing and content-organization as factors in the effectiveness of communication (April 1954).
- F-15 Effectiveness of participation as a means of increasing application for flight training (July 1954).
- F-16 Factors influencing attitude change through refutative communications (February 1955).
- F-17 Effects of personal and impersonal refutation of audience counterarguments on attitude change (June 1955).
- F-18 Attitude change and the feedback of supporting audience norms (June 1955).
- F-19 Review of experiments on attitude change through communication (August 1955).
- G-1 Objective measurement of motivation: I. Development and evaluation of principles and devices (October 1954).
- G-2 Objective measurement of motivation: II. Determination of dynamic personality structure (November 1954).
- G Final report for Task G.
- H-1 Discrimination decrement as a function of direction of stimulus change (June 1953).
- H-2 IBM method for computing intra-serial correlations (October 1953).
- H-3 Interserial correlations in brightness matching responses (May 1954).
- H-4 Performance decrement at an audio-visual checking task (February 1955).
- H-5 Relation of certain aptitude scores to performance decrement at an audio-visual checking task (October 1955).