

Record Series Number

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Lyle H. Lanier Papers, 1952-55, 1972

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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

Retirement, 1972