

RECEIVED

S-207 F & G

MORALE IN A HEAVY BOMBARDMENT GROUP

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Authority NND 893004

1. PURPOSE

To study the morale of one heavy bombardment group before the men were sent overseas in order to do a follow-up study later which would correlate questionnaire responses on morale items to subsequent combat records of the fliers. In addition, to measure the effects of noncombatant overseas duty on morale by administering a questionnaire to ground personnel as well as fliers.

Neuropsychiatric items were included also in order to measure the effects of overseas duty and combat duty on the responses to these items.

The initial phase of the study was a comparative analysis between Ground Personnel, Service Personnel and the Base Unit in the B-29 group.

The later phase - the effectiveness of predicting combat performance of fliers from morale items in a questionnaire - was abandoned because VJ Day intervened and the men were not sent overseas.

2. DATE OF ADMINISTRATION

May, 1945

3. SAMPLE

This study has two main samples;

(a) Flying Personnel

2,153 fliers - both officers and enlisted men from one heavy bombardment group.

(b) Ground Personnel

1,134 enlisted men from bomber squadrons, Base Unit and Service Groups.

(c) Note

- (1) The Flying Personnel can be broken down into two sub-samples: Officer fliers and enlisted fliers
- (2) The Ground Personnel sample can be broken down into three sub-samples: Bomber squadrons, Base Unit and Service Group. These can be separated by sorting on Col. 2 for 1's, 2's and 3's respectively.

\* The F form was administered to fliers; the G form to ground personnel.

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#### 4. SCALES AND SCORES

##### (a) Form 207 F (Fliers)

- (1) Neuropsychiatric Inventory (15 items) (Qs. 2a-2o in Part II) punched in Cols. 78-79.
- (2) Neuropsychiatric Inventory (8 items) punched in Cols 75-76.
- (3) Job Satisfaction (Qs. 18-19, 17) punched in Col. 73.

##### (b) Form 207 G (Ground Crews)

- (1) Neuropsychiatric Inventory (15 items) (Qs. 52a-52o) punched in Cols. 64-65.
- (2) Neuropsychiatric Inventory (8 items) (Qs. 52o, 5, k, l, o and 53a, b, c) punched in Cols. 62-63.
- (3) Job Satisfaction (Qs. 14-15, 13) punched in Col. 61.

#### 5. ANALYSIS MATERIALS AVAILABLE

- (a) Field notes.
- (b) Questionnaires: 2,153 Fliers; - 1,134 Ground Personnel.
- (c) Two sets of IBM Punch cards:
  - (1) One set labeled S-207-Flight, containing:
    - (a) Outfit identification and serial number (Cols. 1-5).
    - (b) Questions 1-84 plus Part II in Cols. 6-74.
    - (c) Scales and scores in Cols. 73-79.
  - (2) One set labeled S-207 G - Ground, containing:
    - (a) Outfit identification and serial number (Cols. 1-5).
    - (b) Questions 1-51a,b in Cols. 6-60.
    - (c) Scales and Scores in Cols. 61-65,
- (d) Editing instructions.
- (e) Gang punch scheme for Job satisfaction scale and scoring sheets for the neuropsychiatric inventory.
- (f) A copy of each of the questionnaires with the marginal distributions for each question and the card column numbers indicated.
- (g) Photostat copies of the scale pictures.

\*\*\*FI18 PRINT OF HEADER LABELS:

VOL1B024240

NIH=BTHTSDA

HDR1AMS207G.CLEAN B0242400010253 87042 000000000000IBM OS/VS 370  
HDR2F072000008040TOHP002 /GO A B 60826

\*\*\*FI21 CURRENT DATA SET NUMBER IS - 00253

\*\*\*WT2 BLOCK 1, RECORD 1, RECORD 1 IN ENTIRE FILE, RECORD SIZE

120700012540812226335471111132114050614610032113111333111511111561222222222221311\*

\*\*\*WT2 BLOCK 1, RECORD 2, RECORD 2 IN ENTIRE FILE, RECORD SIZE

2207000121301421187 \*

\*\*\*WT2 BLOCK 1, RECORD 3, RECORD 3 IN ENTIRE FILE, RECORD SIZE

1207000223503222261134321123222104082121231213323312141223143261421222222222211\*

\*\*\*WT2 BLOCK 1, RECORD 4, RECORD 4 IN ENTIRE FILE, RECORD SIZE

2207000221210811190 \*

\*\*\*WT2 BLOCK 1, RECORD 5, RECORD 5 IN ENTIRE FILE, RECORD SIZE

120700032350211226113322241342220608144122121132222312323223161322222122222221\*

\*\*\*RE5 5 RECORDS PRINTED, 0 RECORDS COPIED IN THIS PHASE.

\*\*\*FI23 PRINT OF TRAILER LABELS:

EOF1AMS207G.CLEAN B0242400010253 87042 000000000026IBM OS/VS 370  
EOF2F072000008040TOHP002 /GO A B 60826

\*\*\*FI29 BLOCK COUNT IN EOF1 LABEL DOES NOT MATCH RECORDED BLOCK COUNT. THIS MAY BE DUE TO SKIPS, OR BACKSPACES.

80 . } 1 logical record  
80 . } (CM - ground sample)

6. STUDY ANALYST

Robert Ford

7. REPORTS

B-155	Morale Among Ground Troops at a B-29 Training Base.
B-156	Morale, Combat Expectations and Training Problems of a B-29 Group Ready for Deployment.
B-163	Morale and Training Problems of a B-29 Wing Ready for Deployment.

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