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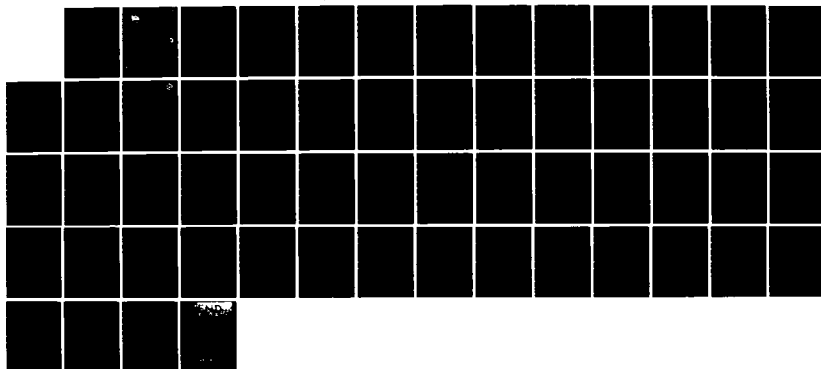
JOB CATEGORIZATION PROJECT(U) AIR FORCE OCCUPATIONAL
MEASUREMENT CENTER RANDOLPH AFB TX J M BELL ET AL.
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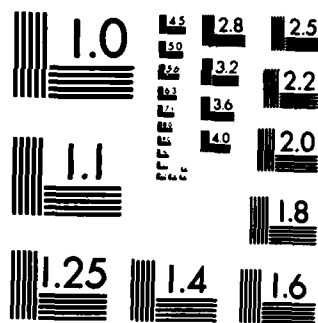
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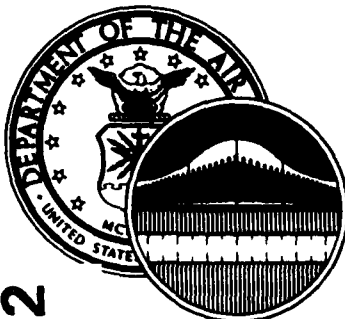
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UNITED STATES AIR FORCE

AD-A146 872

SPECIAL REPORT

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JOB CATEGORIZATION PROJECT

SEPTEMBER 1984

OCCUPATIONAL ANALYSIS PROGRAM
USAF OCCUPATIONAL MEASUREMENT CENTER
AIR TRAINING COMMAND
RANDOLPH AFB, TEXAS 78150

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PREFACE

This report presents the results of a special Air Force study of the task-related job inventory requirements for enlisted AFSCs. Authority for conducting occupational surveys is contained in AFR 35-2.

The task lists and survey data used in this project were a result of the Air Force's ongoing occupational analysis program. Second Lieutenants John M. Bell and Mary C. Thomasson, Occupational Analysts, collected and analyzed the data and wrote the final report. The report has been reviewed and approved by Mr J. S. Tartell, Chief, Management Applications Section, USAF Occupational Measurement Center.

Copies of this report are available to Air Staff sections, major commands, and other interested training and management personnel upon request to the USAF Occupational Measurement Center, Attention: Chief, Occupational Analysis Branch (OMY), Randolph Air Force Base, Texas 78150-5000.

PAUL T. RINGENBACH, Colonel, USAF
Commander
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JOB CATEGORIZATION PROJECT

INTRODUCTION

↓

This is a special report of an Air Force analysis of the task-related job category requirements for enlisted AFSCs, completed by the Occupational Analysis Branch, USAF Occupational Measurement Center, in August 1984. The project was requested by the Classification Division of the Air Force Manpower and Personnel Center (HQ AFMPC/MPCMC) to determine the proper job category for each AFSC based on the jobs/tasks actually performed and to identify where there is a difference between aptitude cluster and job/task environment category. This effort, it was believed, will pay significant dividends for both the recruiting and classification communities and eliminate the confusion and misconceptions that currently exist. (See Appendix A)

↑

SURVEY METHODOLOGY

Definitions

The initial phase of the project involved an extensive review of the literature to gain a historical perspective of the aptitude research conducted by the USAF Human Resources Laboratory (AFHRL), primarily relating to development of the Airman Qualifications Examination (AQE) and Armed Services Vocational Aptitude Battery (ASVAB), and derivation of their categories or subcategories. In addition, discussions were held with AFHRL researchers familiar with this area. Once review of the literature was completed, definitions were tentatively derived for each of the present four AQE/ASVAB categories--Administrative, Electronic, Mechanical, and General--and subskills or components involved were related to each area.

Several different and varied specialties were selected to test the approach and definitions. It became apparent early on that the four job categories were too broad to adequately describe the components or work characteristics of all jobs or specialties. In most cases, it became necessary to break down the four broad categories into smaller, more meaningful categories.

In the ADMINISTRATIVE area, it was discovered that there are at least three types of administrative tasks. First, there are those which involve clerical work, such as filing, preparing and maintaining forms and publications, and answering telephones. Second, there are tasks which deal with some form of mathematical computations, such as those performed in accounting or finance. Third, there are those tasks which involve the use of office equipment, such as typewriters, copy machines, or stenographs. Thus, it became necessary to use three categories in this area rather than one.

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In the MECHANICAL area, it was found that not all mechanical tasks were of equal weight. Some tasks were simple and only involved the use of such simple or common tools as a hammer or screwdriver. Other mechanical tasks were found to be somewhat more complex and involved spatial reasoning or advanced knowledge of a system in order to perform. Thus, some distinction was made as to relative difficulty of these tasks. Also, equipment operation (other than office equipment) was considered a mechanical skill. Then, again, some distinction had to be made between simple equipment operation, such as driving cars and vans, and more complex equipment operation, such as operating cranes, bulldozers, or aircraft K-loaders. Thus, further breakdowns were essential.

In the ELECTRONIC area, it became necessary to make some distinction between tasks that were purely electronic and those that were purely electrical, since there is a difference in the skills and knowledges required to perform tasks in either area. Also, in this area, as well as in the MECHANICAL area, some distinction was made to differentiate those tasks that involved a combination of skills or knowledges, such as Mechanical-Electronic, Electrical-Mechanical, Electronic-Mechanical, and Electronic-Electrical.

The GENERAL category presented some problems in that it was more or less a "catchall" category for those areas not involved with the other three categories. Most of the subcategories listed here included simple physical labor, medical skills, communicative skills (both oral and written), general procedures or techniques, planning, reasoning, and analyzing, scientific skills, and special talents (such as illustrating). Here, however, it was necessary to provide some further delineations. For example, in the Medical subcategory, tasks were found to relate to either patient care or patient interaction, medical lab equipment operation, or medical procedures conducted in a medical lab or operating room. Thus, three additional subcategories were listed.

In all, 26 subcategories in 4 broad areas were finally identified. Each of the subcategories, with descriptions and benchmark tasks, are shown in Appendix B.

Data Collection

Subject-matter specialists (SMS) TDY to the USAF Occupational Measurement Center to write Specialty Knowledge Tests (SKTs) assisted in categorizing tasks from the various specialties. For each specialty to be reviewed, those tasks which comprised 50 percent of the total job time for the journeyman (5-skill) level were selected. This was an arbitrary percentage which was felt to give a good representation of the technical tasks performed by the population in a given specialty. In addition, task difficulty data routinely collected on each specialty were used to help categorize those tasks where difficulty was a factor.

As each team of SMS was consulted, the categories were explained to them and they were shown the bench mark tasks for each. Definitions were explained carefully to them in detail to avoid any confusion. As each team went through

the task lists, they were asked to explain what was involved in performing the tasks and what type of skill or knowledges were involved. Occupational analysts used their comments in deciding the category which best fit the established bench marks. In most cases, a single category was appropriate for any given task. In some cases, however, a task would involve multiple categories or components. For example, in most of the integrated avionics specialties (AFS 326XX) many of the tasks are electronic in nature; there is also a mechanical element to many tasks, since some of the steps in electronic maintenance involved performing mechanical operations. When this happened, the task was placed in both categories.

Once all tasks were categorized, the totals for each category were tallied and a final overall category (Administrative, General, Mechanical, or Electronic) was listed for the specialty, along with other pertinent findings or components. The SMSs were asked their general opinion on the current AQE/ASVAB category and on the categorization results for their AFSC. Where differences were found between the current AQE/ASVAB category and the USAFOMC categorization, they were asked their opinion as to which category they believed most appropriate. This exercise tended to further validate the results of the project.

RESULTS

Of the AFSs listed in Appendix C, data were collected on 217. Sixty-three others were not included in this project for various reasons (35 had no OSR data available, 16 had no SKT team visiting USAFOMC during the project's time-frame, 9 had controlled OSR data, and 3 had SKT teams scheduled to visit after this project's completion date).

Of the 217 AFSs on which data were collected, 20 were found inappropriately categorized. The categorization does not illustrate the types of tasks performed by personnel in those specialties. Seven of these are currently categorized as requiring administrative aptitudes, while task data indicate the specialties are involved primarily with general task behaviors. Nine are presently electrical/electronic fields, but tasks within those specialties are more mechanical or general than electrical or electronic in nature. These AFSs are highlighted in Table 1, which shows the present categorization, as well as possible revisions.

Additionally, 95 AFSs were found to be categorized accurately in part, but did not go far enough in their categorization. Task data showed clearly that these specialties were diverse enough to fall into dual job/task environment categories, and four require three categories based on the tasks personnel are performing. These AFSs are highlighted in Table 2, which shows the current aptitude cluster as well as possible revisions.

In addition to the raw data supporting these realignments of specialties, oral feedback from the SKT teams and technical training personnel indicated a perception from the field that dual behavior categories are a necessity in many AFSs which are now only singly categorized. Such comments further validate the findings of this project.

Users of these data are reminded that the task lists were current at the time they were used. Due to the length of the project, some of those task lists used early in the study have now been replaced with more current lists (e.g., 361X0 and 461X0). While the changing nature of an AFS, reflected in the task list, may not be great enough to affect the job/task environment categorization recommended, the more major the changes to an AFS, the greater potential for change in the job/task environment categorization.

TABLE 1

AFSSs REQUIRING POSSIBLE APTITUDE CLUSTER CHANGES

<u>AFSC</u>	<u>CURRENT APTITUDE CLUSTER</u>	<u>JOB/TASK ENVIRONMENT CATEGORIZATION</u>
114X0	Mechanical	General
271X1	Administrative	General
271X2	Administrative	General
293X3	Administrative	General
306X2	Electrical/Electronic	Mechanical
316X0F	Electrical/Electronic	General and Mechanical
316X1L	Electrical/Electronic	General and Mechanical
321X1E	Electrical/Electronic	Mechanical
322X2C	Electrical/Electronic	Mechanical
362X3	Electrical/Electronic	Mechanical and General
445X0E	Electrical/Electronic	General
445X0F	Electrical/Electronic	Administrative and Mechanical
445X0G	Electrical/Electronic	Mechanical
464X0	Electrical/Electronic and Mechanical	General
605X0	Administrative	General
645X2	Administrative	General
661X0	Administrative	General
703X0	General	Mechanical
732X4	Administrative	General
982X0	General	Mechanical

TABLE 2
AFSSs REQUIRING POSSIBLE APTITUDE CLUSTER ADDITIONS

<u>AFSC</u>	<u>CURRENT APTITUDE CLUSTER*</u>	<u>JOB/TASK ENVIRONMENT CATEGORIZATION*</u>
113X0B	M or E	M and G
113X0C	M or E	M and G
302X0	E	E and G
303X2	E	M and E
303X3	E	E and M or G
304X5	E	E and M
304X6	E	E and G
305X4	E	E, G, and M
306X0	E	E and G
306X1	E	E and M
316X0G	E	M and E
316X0T	E	M, G, and E
316X2F	E	E and M
321X0K	E	E and G
321X1G	E	M and E
321X2P	E	M and E
322X2A	E	M and E
322X2B	E	E and M
324X0	E	M and E
325X0	E	E and M
325X1	E	G, E, and M
326X0C	E	E and M
326X3A	E	E and M
326X3B	E	E and M
326X4A	E	E and M
326X5A	E	G and E
326X5B	E	E and G
326X6A	E	E and M
326X6B	E	E and M
326X6C	E	E and M
326X7A	E	E and M
326X7B	E	E and M
326X7C	E	E and M
326X8A	E	E and M
326X8B	E	E and M
326X8C	E	E and M
328X0	E	E and M
328X1	E	E and M
328X3	E	E and M
328X5	E	E and M

TABLE 2 (Continued)

AFSSs REQUIRING POSSIBLE APTITUDE CLUSTER ADDITIONS

<u>AFSC</u>	<u>CURRENT APTITUDE CLUSTER*</u>	<u>JOB/TASK ENVIRONMENT CATEGORIZATION*</u>
341X4	E	E and G
341X6	E	E and M
361X0	M	M and G
361X1	M	M and G
362X1	E	E and G
404X0	E	M, E, and G
404X1	E	E and M
423X0	E	E and M
423X2	M or E	M
423X4	M or E	M and E
426X2	M	M and G
427X0	M	M and G
443X0G	M	M and G
461X0	M or E	G and M
462X0	M or E	M and E
463X0	M	G and M
472X1A	M	M and E
472X1B	M	M and E
472X1C	M	M and E
472X1D	M	M and E
472X3	M	M and G
472X4	A	A and G
511X0	G	M and G
542X0	E	M and E
542X1	E	E and M
545X0	M or E	M
545X1	M	M and G
545X2	M or E	M and G
551X0	M	M and G
554X0	A	G and A
566X1	M	M and G
602X0	A	A and G
602X1	A	A and G
602X2	G	M and G
605X1	M or G	M and G
611X0	A	A and G
612X1	A	A and G
631X0	M and G	M
645X0	A or G	A and G
645X0A	A or G	A and G

TABLE 2(Continued)

AFSSs REQUIRING POSSIBLE APTITUDE CLUSTER ADDITIONS

<u>AFSC</u>	<u>CURRENT APTITUDE CLUSTER*</u>	<u>JOB/TASK ENVIRONMENT CATEGORIZATION*</u>
651X0	A	A and G
701X0	A or G	A and G
702X0A	A	A and G
732X1	A	A and G
734X0B	A or G	G
741X1	A	G and A
742X0	A and G	G
751X0	G	A and G
751X2	G	A and G
902X0C	G	G and A
905X0	G	G and A
906X0	G	A and G
914X0	G	A and G
914X1	G	G and A
915X0	G	G and A

*M - Mechanical; A - Administrative; G - General; E - Electrical/Electronic

IMPLICATIONS

Ideally, selection of personnel for specific AFSs on the basis of current aptitude clusters (in addition to other indicators) assures that only personnel with requisite aptitude for a particular specialty are placed in that specialty. Further, their selection frequently leads to personnel expecting work to be predominantly of a particular kind. Thus, when current aptitude clusters are not reflective of what the work of a specialty is, neither that specialty nor the individual is well served. The job will not have a person best suited to it and the individual will not have the best foreknowledge of what the job is. For these reasons, a frequent (perhaps ongoing) review of the aptitude clusters is necessary to ensure they are current.

In looking at over 200 AFSs, it was evident that a project of this nature was needed. Approximately 10 percent of the specialties analyzed were found inadequately classified in terms of aptitude clusters on the basis of technical tasks currently being performed by specialists in those AFSs. Over 40 percent of the career ladders were classified correctly in part, but current aptitude clusters called for did not go far enough in adequately describing the full nature of the job; in these specialties, additional aptitude categories should be used.

In short, while the four aptitude clusters currently in use may be sufficient for many career ladders, they may not be sufficient for describing others. The subcategories herein discussed are, at minimum, an excellent starting point for further discussions on developing new and improved categories. Further, the nature of the work performed today in some enlisted specialties has changed drastically from that performed when the original categories were established and since the AFSs were categorized. These changes, without corresponding changes in aptitude requirements, tend to make current aptitude clusters less current and, subsequently, less useful to managers. Where differences have been found to exist between the current clusters and USAFOMC's possible categorization, AFMPC is urged to review the data and consult with experts in the field as quickly as possible to determine if and how a category revision might be made.

APPENDIX A

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE MANPOWER AND PERSONNEL CENTER
RANDOLPH AIR FORCE BASE, TX 78148



4 SEP 1980

REPLY TO
ATTN OF

MPCRPO

SUBJECT

Job Categorization and the Armed Services Vocational Aptitude Battery (ASVAB)

HQ ATC/OM

10 OMY

1. Aptitude clusters, titled mechanical, administrative, general and electronics, have long been used to identify minimum aptitude requirements in AFR 39-1, Airman Classification Regulation. The USAF Classification Branch has included reference to aptitude area score minimums as a qualification for entry into all Air Force specialties. The ASVAB criteria have been determined to be a significant predictor for successful completion of technical school. Few other agencies outside of the personnel and training community understand the true purpose of the ASVAB or that when determining which ASVAB cluster and minimum score is to be used in each AF specialty, the primary consideration is the ability of the particular aptitude index to predict an individual's capability to complete initial skill training. The aptitude cluster is not intended to be necessarily indicative of the actual job/task environment of an AF specialty. In fact, some specialties which require an electronics aptitude minimum score, for example, may involve more tasks which are mechanical in nature.

2. Unfortunately, aptitude cluster and job category have become synonymous to those not directly involved in the testing process. Enlistees are placed in jobs based on aptitude cluster qualifications and the assumption is made that the aptitude cluster indicates the category of job to be performed.

3. To eliminate this misconception, we need your help to determine the proper job category for each AFSC based on the jobs/tasks actually performed. Request that your staff perform a review of each enlisted AFSC and, based upon available survey data, categorize them into the most appropriate job type (mechanical, administrative, general, electronic). Our target date for providing this information to Recruiting Service and the 3507th Classification Squadron is 1 December 1980. It should be integrated in their advertisement, recruitment, and classification systems as soon as possible.

4. Where your review indicates there is a difference between aptitude cluster and job/task environment category, we will attempt to validate the present aptitude area as a predictor of technical school success. Where appropriate it may be necessary to change the aptitude category.

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5. We believe this effort will pay significant dividends for both the recruiting and classification communities and eliminate the confusion and misconceptions that currently exist. If any additional information is required, please contact Major Scott Madole, MPCRPQ2, extension 5678.

FOR THE COMMANDER



DANIEL L. GROGAN, Colonel, USAF
Chief, USAF Classification Br
Dir of Pers Resources & Distr

Cy to: HQ USAF/MPPTS
HQ ATC/TTPRS

APPENDIX B

(A) Administrative

- A1. Clerical: Performing secretarial or clerk type functions, such as filing, preparing forms, or answering phones. May involve understanding and application of rules, manuals, or regulations.

Benchmarks:

File individual flight records (271X2)

Assemble data from individual flight record entries (271X2)

Assemble data from individual flight record entries (271X2)

Maintain training records (271X2)

Inventory equipment or materials (461X0)

Draw or turn in vehicles or equipment (361X0)

Maintain Safety Inspection Reports (241X0)

Receive or distribute mail (915X0)

File documents or maintain document files (915X0)

Conduct inventories of tools, equipment, or supplies

Schedule Legal Office appointments

Notify appropriate agencies of VIP arrivals (274X0)

Code data from accepted transactions onto AF Forms 1050 (672X2)

Issue US Treasury checks

(A) Administrative

- A2. Computational: Performing basic math computations, such as adding, subtracting, multiplying, or dividing. Also computing simple averages. May involve understanding and application of rules, manuals, or regulations. Also includes the operation of adding machines or calculators.

Benchmarks:

Prepare Ground Mishap Summaries (241X0)

Compile mishap rates (241X0)

Compile mishap costs (241X0)

Compare warehouse count to master record balances (915X0)

Compute advances to military personnel traveling on TDY (672X2)

Determine allowable travel time (672X2)

Estimate costs of travel or transportation (672X2)

(A) Administrative

- A3. Office Equipment Operation: Operating general office equipment, such as typewriters, copy machines, or stenographs. Also includes minor maintenance such as changing fluid, changing ribbons, clearing jams, or replacing bulbs.

Benchmarks:

Reproduce documents (271X2)

Type legal correspondence, messages, or reports (705X0)

Operate punch card machines/punch cards (511X0)

Transmit nonemergency action messages (274X0)

Operate check writing machines

Stuff checks using check stuffing machines

Operate audiovisual equipment

(M) Mechanical

Definition: Mechanical tasks are those that involve the manual manipulation of tools or equipment. Also involves those tasks which require an understanding of the mechanical principles and/or actual mechanical works of machinery or its components.

- M1. Simple Mechanical: Mechanical tasks which are relatively simple to perform and usually have very low task difficulty (less than 4.0). These tasks will usually involve the use of simple common tools, such as hammers, wrenches, screwdrivers, or saws. Also includes such tasks as removing or installing plug-in components.

Benchmarks:

Change oxygen or acetylene bottles (427X4)

Clean metals by blasting (427X4)

Clean metals mechanically (427X4)

Clean welding tips on oxyacetylene equipment (427X4)

Lubricate mechanical assemblies

Remove or install instrument knobs

Remove or install cover panels

Perform operator maintenance on vehicles

Mount or dismount magnetic or paper tapes (511X0)

Drain fuel tanks or cells

Remove or replace general purpose vehicle tires

Refill hydraulic fluid reservoirs

Bleed brake systems

Cut glass to specific dimensions

(M) Mechanical

- M2. Intermediate Mechanical: Tasks which require a basic knowledge of the mechanical workings of a system or component in order to perform them. These tasks will usually have average or slightly above average (4.0 to 5.5) task difficulty ratings.

Benchmarks:

Adjust engine idle

Inspect landing gear retract mechanisms

Inspect wheel bearings

Remove or install refrigerant lines

Assemble or disassemble M-16 rifles

Lace wiring assemblies

Remove or install hydraulic seals

Visually inspect air conditioning systems

Arc-weld low, medium, or high carbon steels (427X4)

Set up for welding in the flat position (427X4)

Operate metal grinding

Visually inspect welds for defects (427X4)

Install or replace door locks

Adjust aircraft brake system components

Remove or replace engine driven hydraulic pumps

Bench check accumulators

(M) Mechanical

- M3. **Complex Mechanical:** Tasks which require advanced knowledge of the mechanical workings of a system or component in order to perform them. Tasks may also involve use of spatial perception, reasoning, or interpretation. Most tasks in this category will have task difficulty ratings above 5.5.

Benchmarks:

Isolate malfunctions in pneumatic control systems

Remove or replace landing gear assemblies

Remove or install components within external tanks

Remove or replace external tank nosecones or pylons

Weld repair jet engine exhaust section components

Remove or replace rudder system components (421X2)

(M) Mechanical

M4. Mechanical Equipment/Systems Operation

a. Simple: Operation of simple equipment, machinery, or systems (other than office equipment) requiring only basic knowledges or understanding of said equipment.

Benchmarks:

Drive automobiles, vans, or light trucks

Operate aircraft tow vehicles

Operate AGE portable generators

Position cable pulling vehicles

Operate materiel handling equipment, such as tugs or fork lifts

Mix sealants using machines

Operate multimedia teaching systems

Operate farm tractors

(M) Mechanical

M4. Mechanical Equipment/Systems Operation

b. Complex: Operation of equipment, machinery, or systems (other than office equipment) requiring advances or in-depth knowledges, complex skills, or significant manual coordination.

Benchmarks:

Operate aircraft K-loaders

Operate cranes

Operate rough terrain fork lifts

Operate aircraft kneeling systems

Operate bomb lifts

Operate commercial type truck tractors

Drive firefighting vehicles

Operate portable power metal saws

(M) Mechanical

- M5. Mechanical - Electrical: Tasks involving both mechanical and electrical knowledge or skills but with the primary emphasis of the task being mechanical in nature. [*Note: tasks which appear to have approximately equal emphasis should be grouped according to the more important or critical aspect or be given dual ratings if the more important aspect cannot be determined.]

Benchmarks:

Remove or install electrical relays

Strip electrical wires

Perform operational checks of brake systems (421X2)

Isolate nosewheel steering malfunctions (421X2)

Adjust hydraulic components of flight spoiler systems

Remove or replace aileron system components (421X2)

Inspect aircraft installed flight spoiler systems

Troubleshoot elevator work cages

Inspect or test battery charger panels

Remove or install fuses or circuit breakers

(M) Mechanical

M6.

Mechanical - Electronic: Tasks involving both mechanical and electronic knowledges and skills but with the primary emphasis of the task being mechanical in nature. [*Note: Tasks which appear to have approximately equal emphasis should be grouped according to the more important or critical aspect or be given dual ratings if the more important aspect cannot be determined.] Tasks may also involve some incidental electrical knowledges.

Benchmarks:

Remove or replace parts of transmitter groups

Remove or install printed circuit boards

Remove or install transistors, capacitors, or resistors

Operate simulator hydraulic systems

Remove or install flight simulator power systems

Strip or cut coaxial cable

(E) Electrical/Electronic

- E1. Electrical: Tasks which involve systems and equipment that produce or transmit electrical power; includes transformers, generators, motors and associated power lines or wiring. May involve small amounts of other components, such as mechanical, electronic, or administrative out the primary aspect is electrical.

Benchmarks:

Energize or de-energize

Inspect landing gear electrical components

Inspect or test battery charger panels (445X0G)

Calibrate voltage or frequency of generators under no-load conditions

Adjust elevator work cage electrical components

Read or interpret wiring diagrams

Perform continuity checks on commercial power systems

Perform voltage checks on power production systems

(E) Electrical/Electronic

- E2. Electronic: Tasks which involve devices, circuits, or systems that conduct or transmit complex electrical signals, such as transistors, resistors, diodes, or printed circuit boards; includes wiring, such as coaxial cables which carry coded signals; requires understanding of principles of electronics, and/or the functioning of components. May involve small amounts of mechanical, electrical, or administrative but the primary aspect is electronic.

Benchmarks:

Isolate malfunctions on handsets, headsets, or microphones

Remove or install soldered components, such as transistors, resistors, or capacitors

Repair circuit cards

Operate printed circuit card test units

Interpret computer lights to isolate digital computer malfunctions

Isolate malfunctions on radar altimeter systems

Monitor spectrum analyzers

Test electronic components, such as diodes, transistors, or capacitors

Operate digital computer systems

Isolate malfunctions on circuit card testers

(E) Electrical/Electronic

- E3. Electrical - Mechanical: Tasks which involve both electrical and mechanical skills and/or knowledges but the primary aspect is electrical.

Benchmarks:

Isolate malfunctions in reciprocating engine ignition systems

Perform functional checks of guidance and control ECAs

Remove or replace wiring on support vans

Perform open flame soldering

Connect AC circuitry accessories or components

Rewind or rewire AC generators or alternators

Rewind appliances or fixtures

(E) Electrical/Electronic

E4. Electrical - Electronic: These tasks which involve both electrical and electronic skills and knowledges; does not involve any significant amounts of mechanical.

Benchmarks:

Bench check AC or DC power supplies (341X4)

(E) Electrical/Electronic

- E5. Electronic - Mechanical: Tasks which involve both electronic and mechanical skills and/or knowledges, but the primary aspect is electronic.

Benchmarks:

Operate magnetic tape units

Clean (electronic) parts or components using solvents

Synchronize repeater instruments

Isolate malfunctions in electronic voltage regulators

Operationally check simulator systems

Test operate repaired (electronic) assemblies

Isolate malfunctions in autopilot systems

Cut or fabricate coaxial cable

(G) General

Definition: These tasks are primarily those which do not fit under Administrative, Mechanical, or Electrical/Electronic. Tasks may be simple to complex and may involve the operation of equipment or systems, but does not require significant mechanical or electrical knowledges of said equipment or systems.

- G1. Simple Physical Labor: Tasks involving simple manual labor, such as sweeping, lifting, carrying, or cleaning; cleaning tasks would normally be included in this category if no technical knowledge is involved or required.

Benchmarks:

Paint equipment or facilities

Clean cooling fans

Clean air filters

Clean soldering irons

Wash or wax motor vehicles (115X0)

Perform physical training or physical exercises (115X0)

Transfer equipment from bus to aircraft (112X0)

Stack or position assembled ready munitions (461X0)

Perform vegetation control in storage areas (461X0)

Sweep, mop, or wax floors (427X4)

Dispose of trash or waste material (427X4)

Clean latrines or washrooms (427X4)

Wash shop windows, doors, or hardware (427X4)

Load or unload trucks manually (60XXX)

Carry patients on litters

(G) General

G2. Medical

- a. Patient Care: Tasks whose predominant aspect involves physical or verbal interaction with patients.

Benchmarks:

Establish patient rapport

Conduct individual therapy with ward patients

Take respirations

Observe or participate in group therapy

Take temperatures

Escort patients to meet appointments

Conduct group therapy

Counsel patients on the reality of prescribed treatment

Apply mechanical restraints, such as leather straps to patients

(G) General

G2. Medical

b. Equipment Oriented: The primary aspect of these tasks involves the use of an operation of some type of medical equipment, instruments, or supplies. May involve some degree of patient interaction. Usually medical X-ray or medical lab tasks would be grouped under this category.

Benchmarks:

Perform automated cholesterol tests

Operate field radiographic units

Perform automated blood hemoglobin tests

Perform fluorescent microscopy

(G) General

G2. Medical

c. Medical Procedures: Primary aspect of the task involves some type of technical procedure in a medical lab or operating room, etc. May involve some degree of patient interaction.

Benchmarks:

Prepare wound irrigations

Prepare throat medications

Assist with bronchoscopies

Assist with deliveries of babies

Perform CPR

(G) General

- G3. Simple Nontechnical Procedures: These tasks are usually simple in nature, somewhat procedural and do not require a great deal of knowledge, training, or experience to perform; require only simple instructions or directions; may involve following a checklist; may involve both medical or nonmedical components of the General category. These tasks will normally have task difficulty ratings below 4.0.

Benchmarks:

Place placards on munitions transport or handling equipment (605X1)

Stencil or mark munitions containers (461X0)

Inspect climbing equipment (361X0)

Install buried cable markers (361X0)

Pose subjects for passport pictures (231X2)

Draw pencil guidelines (231X1)

Cut illustration boards (231X1)

Align or tape overlays to vu-graph frames (231X1)

Select wash times for prints (231X1)

Operate headliner machines (231X1)

Check out vehicles for transportation activities

Assemble combat mission folders (201X1)

Annotate strip charts with navigational information (201X1)

Distribute meals to hospital patients

(G) General

G4. Communicative

a. Oral: Tasks whose primary aspect is communicative in nature; may involve the operation of communication devices, such as radios or telephones, when the primary emphasis of the task is to communicate something rather than strictly the operation of the device.

Benchmarks:

Attend premission briefings, such as weather briefings, etc.

Attend daily alert briefings (111X0)

Participate in monthly safety meetings (111X0)

Brief safety men on responsibilities (115X0)

Conduct jumpmaster team deployment briefings (115X0)

Participate in FEO critiques (111X0)

Answer telephone or counter inquiries concerning military pay

Advise clients on preparation of income tax returns

Conduct standard traffic safety courses (241X0)

Brief incoming personnel on preparation of travel vouchers

Conduct aircrew debriefings

Train aircrews on foreign air defense capabilities

Transmit weather information to pilots enroute

Brief relief observers

(G) General

G4. Communicative

b. Written: Tasks that involve communicating in a written manner; more than just a preparation of a standard form or standard report requiring filling in blanks.

Benchmarks:

Prepare daily operation reports (271X2)

Prepare aircraft flying time reports (271X2)

Prepare mishap reports (241X0)

Prepare formal preliminary or progress reports (241X0)

Write or record technician (corpsman) notes (914X1)

Write progress notes on patients

Prepare mission reports (MISREPS) (201X0)

Prepare briefings

Write consolidated patient progress notes

Write articles for newspapers or magazines

(G) General

- G5. General Tasks or Procedures: Any general task or technical procedure that does NOT involve significant amounts of mechanical, electronic, or electrical skills or knowledges and is not primarily administrative in nature, yet does require some detailed knowledges in order to be performed. [*Note: If a task involves some mechanical skill, or requires the individual to know some electrical or electronic principles, it should be categorized under those categories.] These tasks will normally receive higher than average task difficulty ratings (4.0 and up).

Benchmarks:

- Perform (missile) site penetration procedures (445X0G)
- Reconcile shipping documents with receipt suspense cards (915X0)
- Prepare pilot high altitude route maps (111X0)
- Operate chemical warfare agent detector kits
- Compose and focus BW prints using projection printers (233X0)
- Visually examine metals for identification (427X4)
- Inspect munitions upon receipt for damage (461X0)
- Operate instructor consoles (simulators) (341X4)
- Prepare documents for notorizing (705X0)
- Convert or record data from one media to another media, such as card to tape or tape to disk (511X0)
- Operate 35mm single lens reflex cameras (231X2)
- Audit paying and collecting reports prior to submission (672X2)
- Prepare current intelligence briefings (201X0)

(G) General

- G6. Reasoning/Planning/Analyzing: Tasks whose primary aspects involve reasoning or interpretive skills; may include coordinating when it involves resolving problems or answering inquiries. [*Note: Does not include normal supervisory type planning, such as assigning work, evaluating performance, interpreting regulations, etc.]

Benchmarks:

Determine existence and amount of obscuration

Evaluate safety hazards (241X0)

Interpreting indicating lights on peripheral equipment (511X0)

Examine leave and earnings statements to answer military pay questions (672X2)

Analyze intelligence reports (201X0)

(G) General

- G7. Scientific Math Reasoning or Calculations: These tasks require more than simple arithmetic computations; may involve using or applying formulas; using or preparing tables or charts; may require knowledge of physics, chemistry, geography, etc.; may involve use of equipment, such as gauges, slide rules, plotters, or calculators.

Benchmarks:

Measure precipitation

Measure height of clouds using rotating beam ceilometer

Determine true or magnetic wind direction

Plot skew T charts

Compute correlation coefficients

Compute true course, time, and distances

Plot or extract Universal Transverse Mercator (UTM) coordinates
(201X1)

Calculate molar (M) solutions

Write or balance chemical equations

Convert temperatures from Fahrenheit to Celsius

Calculate children's dosages

(G) General

- G8. Special Talents: Tasks which involve skills which cannot be completely taught, such as playing musical instruments, drawing, or composing; usually involves some elements of creativity.

Benchmarks:

Draw symbols, emblems, or pictures on graphics

Arrange subject elements in scenes (photo)

Play band instruments

APPENDIX C

AFS AND TITLE	PRESENT ASVAB CATEGORIZATION (APTITUDE/ SCORE)**	JOB/TASK ENVIRONMENT CATEGORIZATION	CHANGE	TASKS REVIEWED				DOMINANT SUBCATEGORIES	REMARKS
				MECH	ADPN	GEN	ELEC		
A	B	C	D	E	F	G	H	I	J
111X0, Defensive Aerial Gunner	G45	G		1	8	59	1	G3, G5, G4a	
112X0, In-Flight Refueling Operator	G50	G		0	0	33	0	G3, G5	
113X0B, Flight Engineer, Heli- copter Qualified	M35 or E30	M and G	*	26	10	40	1	M1, G5	
113X0C, Flight Engineer, Perform- ance Qualified	M35 or E30	M and G	*	74	1	60	19	M2, M3, E1, G5, G6	
114X0, Aircraft Loadmaster	M35	G	*	9	6	43	0	G5, G3	
115X0, Pararescue/Recovery	G45	G		6	7	179	0	G2a, G5, G3	
116X0, Airborne Communications Systems Operator	G45	G		0	2	41	0	G3, G5	
121X0, Survival Training	G45	G		0	0	87	0	G4a, G3	
122X0, Aircrew Life Support	G30	G		5	1	46	0	G5, G3	
201X0, Intelligence Operations	G45	G		1	21	54	0	G5, A1, G4a	
201X1, Target Intelligence	G70	G		0	12	25	0	G3, A1	
202X0, Radio Communications	G60								Controlled Data
203X0, Linguist/Interrogator	G70								No OSR Data
205X0, Electronic Intelligence Operations	G70								No SNT Team Through CY84
206X0, Imagery Interpreter	G65	G		0	12	95	0	G6	
207X1, Morse Systems Operator	A50								Controlled Data
207X2, Printer Systems Operator	A50								Controlled Data
208X1A/B/C/D, Germanic Crypto- logic Linguist	G70								Controlled Data
208X2A/B/C/D/E, Romance Crypto- logic Linguist	G70								Controlled Data
208X3A/B/C/D/E/F/G/H/J, Slavic Cryptologic Linguist	G70								Controlled Data
208X4A/B/C/D/E/F/G/H, Far East Cryptologic Linguist	G70								Controlled Data
208X5A/B/C/D/E/F/G/H, Mid East Cryptologic Linguist	G70								Controlled Data
209X0, Defensive C3CH	G60								Controlled Data
222X0, Geodetic	G45								No OSR Data

AFS AND TITLE	PRESENT ASYAB CATEGORIZATION (APTITUDE/ SCORE)**	JOB/TASK ENVIRONMENT CATEGORIZATION	CHANGE	TASKS REVIEWED					DOMINANT SUBCATEGORIES	REMARKS
				TECH	ADPN	GEN	ELEC	I		
A	B	C	F	E	F	G	H		J	
231X0, Audiovisual Media	G45	G		2	22	26	0	A1, G3, G4A		
231X1, Graphics	G45	G		0	0	64	0	G3, G5		
231X2, Still Photographic	G45	G		2	4	55	0	G3, G5		
232X0, Audiovisual Production- Documentation	G60	G		3	2	48	0	G5, G3		
233X0, Continuous Photoprocessing	G45	G		11	4	67	0	G3		
233X1, Photoprocessing Control	G45	G		0	1	23	0	G5		
241X0, Safety	G55	G		16	18	79	1	G5, G3, A1, M1		
242X0, Disaster Preparedness	G60	G		4	13	42	0	G3, A1, G5		
251X0, Weather	G60	G		0	26	33	0	G7, A1		
271X1, Airfield Management	A45	G	*	2	14	48	0	G3, G4a, A1		
271X2, Operations Resources Management	A45	G	*	1	20	52	0	G5, A1, G3		
272X0, Air Traffic Control	G45	G		0	0	47	0	G4a, G5, G3		
273X0, Combat Control	G45	G		7	4	52	0	G5, G6		
274X0, Command & Control	G50	G		0	1	35	0	G5, G3		
275X0, Tactical Air Command and Control	G50	G		8	1	50	0	G5, G1		
276X0, Aerospace Control and Warning Systems Operator	G50	G		1	3	69	0	G5, G3		
276X2, Intercept Director	G45								No SKI Team Through CY84	
277X0, Space Systems Operator	E55								No OSR Data	
291X0, Telecommunications Operations	G45	G		0	21	25	0	G5, A1		
293X3, Ground Radio Operator	A50	G	*	0	11	27	1	G5, A1		
295X0, Automatic Digital Switching	G45	G		5	10	47	0	G3, G5		
296X0, Communications Programs/ Requirements and Resources Management	G60	G		0	5	50	0	G6, G5		
297X0, Radio Frequency Management	G45								No OSR Data	

AFS AND TITLE	PRESENT ASVAB CATEGORIZATION (APTITUDE/ SCORE)**	JOB/TASK ENVIRONMENT CATEGORIZATION	CHANGE	TASKS REVIEWED				DOMINANT SUBCATEGORIES	REMARKS
				MECH	ADRN	GEN	ELEC		
A	B	C	D	E	F	G	H	I	J
302X0, Weather Equipment	E60	E and G	*	6	0	24	28	E5, G5, G3, E2	
302X1, Airborne Meteorological/ Atmospheric Research Equip	E65								
303X1, Air Traffic Control Radar	E65	E		1	5	18	30	E5, G5	No OSR Data
303X2, Aircraft Control and Warning Radar	E75	M and E	*	46	11	11	24	M5, E2, M6, A1	
303X3, Automatic Tracking Radar	E70	E and M or G	*	23	2	25	25	E5, M3, G5	
304X0, Wideband Communications Equipment	E65	E		6	3	6	28	E2	
304X1, Navigation Aids Equipment	E65	E		8	6	6	29	E2, E5	
304X4, Ground Radio Communications	E65	E		7	5	12	41	E2	
304X5, Television Equipment	E65	E and M	*	15	8	5	38	E2, E5, M6	
304X6, Space Communications Sys- tems Equipment Operator	E65	E and G	*	11	6	16	20	E2, G5	
305X4/E/F/G/H/I/J/K/P/Q/R, Elec- tronic Computer and Switching Systems	E65	E, G, and M	*	13	8	20	19	G5, E2	
306X0, Electronic Communications & Cryptographic Equip Sys	E65	E and G	*	10	4	26	37	E2, G5	
306X1, Electronic-Mechanical Communications and Crypto- graphic Equipment Systems	E60	E and M	*	23	0	13	25	M6, E2, E5	
306X2, Telecommunications Systems/ Equipment Maintenance	E65	M	*	50	5	3	9	M3, M6	
307X0, Telecommunications Systems Control	E65	E		7	5	6	34	E2	
309X0, Space Systems Equipment Maintenance	E65								No OSR Data
316X0C, Missile Systems Analyst, BGM-109	E65								No OSR Data
316X0F, Missile Systems Analyst, LGM-25	E65	G and M	*	25	1	77	9	G3, G5	
316X0G, Missile Systems Analyst, WS-133AM/CDB, WS-133A/H, WS-133B/CDB	E65	M and E	*	50	14	18	27	M1, M2, M5, E5	
316X0T, Missile Systems Analyst, AGM-69A	E65	M, G, and E	*	14	6	15	16	E5	

AFS AND TITLE	PRESENT ASYAB CATEGORIZATION (APTITUDE/ SCORE)**	JOB/TASK ENVIRONMENT CATEGORIZATION	CHANGE	TASKS REVIEWED					DOMINANT SUBCATEGORIES	REMARKS
				MECH	ADMN	GEN	ELEC			
A	B	C	D	E	F	G	H	I	J	
316X1L, Missile Systems Maintenance, AIM-4/7/9, AGM-45/65, Laser/Electro-Optical Weapon Kits	E65	G and M	*	17	3	25	12	G3		
316X1P, Missile Systems Maintenance, RPV/DRONE	E65									No OSR Data
316X2F, Missile Electronic Equipment, LGM-25	E65	E and M	*	20	5	15	61	E2, E5		
316X2G, Missile Electronic Equipment, WS-133A, WS-133A/H, WS-133B	E65									No SKT Team Through CY84
316X2T, Missile Electronic Equipment, AGM-69A	E65									No SKT Team Through CY84
316X3, Instrumentation	E65	E		6	3	11	44	E2		
321X0K, Bomb-Navigation Systems, B-52E/F/G/H/ (ASB-4, ASQ-38 Sys)	E65	E and G	*	13	4	19	20	E2, G3		
321X0L, Bomb-Navigation Systems, B-52C/D (ASB-15 Sys)	E65									No SKT Team Through CY84
321X1E, Defensive Fire Control Systems, B-52H (ASB-21 Turret)	E65	M	*	23	2	5	11	M2		
321X1G, Defensive Fire Control Systems, B-52D/E/G HD-9, ASQ-15 Turrets)	E65	M and E	*	28	2	3	20	M1, E3		
321X2, Weapon Control Systems F5E, F105, AC130, A10, A7D, F101	E65	E		1	3	6	11	E2		
321X2A, Weapon Control Systems, F-106A/B (MA-1, ASQ-25 Sys)	E65	E		8	0	5	27	E4		
321X2C, Weapon Control Systems, F106A/B (MA-1, ASQ-25 Subsystem)	E65	E		0	0	32	58	E2, E5		
321X2P, Weapon Control Systems, F-4C/D (APQ-109/APA-165)	E65	M and E	*	22	3	8	20	M6, E4		
321X2Q, Weapon Control Systems, F-4E (APQ-120)	E65	E		7	2	3	35	E2		
322X2A, Avionic Sensor Systems, Reconnaissance Electronic Sensors	E70	M and E	*	32	16	9	40	M2, E5		

AFS AND TITLE	PRESENT ASVAB CATEGORIZATION (APTITUDE/ SCORE)**	JOB/TASK ENVIRONMENT CATEGORIZATION	CHANGE	TASKS REVIEWED				DOMINANT SUBCATEGORIES	REMARKS
				MECH	ADRN	GEN	ELEC		
A	B	C	D	E	F	G	H	I	J
322X2B, Avionic Sensor Systems, Tactical/Real-time Display Electronic Sensors	E70	E and M	*	46	9	11	25	M1, M6, E5	
322X2C, Avionic Sensor Systems, Electro-Optical Sensors	E70	M	*	48	8	11	28	M2, E5	
323X1, Offensive Avionics Systems	E65								No OSR Data
323X2, Aircraft Computer and Multiplexing Systems	E65								No OSR Data
323X3, Defensive Avionics Systems	E65								No OSR Data
324X0, Precision Measuring Equipment	E65	M and E	*	11	10	7	2	M6	
325X0, Automatic Flight Control Systems	E65	E and M	*	12	0	20	38	E3, E5, G5	
325X1, Avionics Instrument Systems	E65	G, E, and M	*	21	0	33	29	G5, E5, E3, M5	
326X0C, Avionics Aerospace Ground Equipment, F/RP-4 Peculiar AGE	E75	E and M	*	14	0	15	31	M6, E5	
326X0D, Avionics Aerospace Ground Equipment, A-7D/C-5 Avionics AGE	E75	E		9	4	5	79	E2, E4	
326X3A, Integrated Avionics EW Eqt and Comp (F/FB-111)	E65	E and M	*	18	7	11	27	M6, E5	
326X3B, Integrated Avionics EW Eqt and Comp (F-15)	E65	E and M	*	14	8	10	39	M6, E5	
326X3C, Integrated Avionics Electronic Warfare Equipment and Component, F-16	E65								No OSR Data
326X4A, Integrated Avionics Computerized Test Sta & Component (F/FB-111)	E65	E and M	*	19	2	23	33	M5, E2, E5, G5	
326X4B, Integrated Avionics Computerized Test Sta & Component (F-15)	E65	E		11	2	17	47	E5	
326X4C, Integrated Avionics Computerized Test Sta & Component (F-16)	E65	E		19	2	21	76	E5	
326X5A, Integrated Avionics Manual Test Station & Component (F/FB-111)	E65	G and E	*	11	11	39	34	E5, G5	

AFS AND TITLE	PRESENT AS/AB CATEGORIZATION (APTITUDE/ SCORE)**	JOB/TASK ENVIRONMENT CATEGORIZATION	CHANGE	TASKS REVIEWED					DOMINANT SUBCATEGORIES	REMARKS
				MECH	ADMN	GEN	ELEC			
A	B	C	D	E	F	G	H	I	J	
326X5B, Integrated Avionics Manual Test Station & Component (F-15)	E65	E and G	*	4	0	22	41	E2, G5		
326X6A, Integrated Avionics Attack Control Systems (F/FB-111)	E65	E and M	*	18	0	6	34	E2		
326X6B, Integrated Avionics Attack Control Sys (F-15)	E65	E and M	*	15	0	12	24	M5, E2		
326X6C, Integrated Avionics Attack Control Sys (F-16)	E65	E and M	*	13	2	13	28	E2, E5		
326X7A, Integrated Avionics Inst & Flt Control Sys (F/FB-111)	E65	E and M	*	13	0	4	39	E5		
326X7B, Integrated Avionics Inst & Flt Control Sys (F-15)	E65	E and M	*	12	0	6	25	M1, E2		
326X7C, Integrated Avionics Inst & Flt Control Sys (F-16)	E65	E and M	*	11	0	4	25	M1, E5		
326X8A, Integrated Avionics Comm, Nav, & Penetration Aids Sys (F/FB-111)	E60	E and M	*	24	0	5	29	M6, E2, E5		
326X8B, Integrated Avionics Comm, Nav, & Penetration Aids Sys (F-15)	E60	E and M	*	17	0	9	27	E2, E5		
326X8C, Integrated Avionics Comm, Nav, & Penetration Aids Sys (F-16)	E65	E and M	*	17	0	9	25	M6, E2, E5		
328X0, Avionic Communications	E65	E and M	*	24	10	5	41	M6, E2, E5		
328X1, Avionic Navigation Systems	E65	E and M	*	25	7	11	38	M1, E1		
328X2, Airborne Warning & Control	E65								No OSR Data	
328X3, Electronic Warfare Systems	E65	E and M	*	16	8	10	29	M1, E2, E5		
328X4, Avionic Inertial and Radar Navigation Systems	E65	E		4	2	11	17	E2		
328X5, Airborne Command Post Communications Equipment	E65	E and M	*	14	5	7	40	E5, E2, M6		
341X1, Instrument Trainer	E65								No SRT Team Through CY84	
341X2, Defensive System Trainer	E65	E		13	0	14	40	E5		
341X4, Flight Simulator	E65	E and G	*	23	8	30	94	E2, E5, G5		
341X6, Navigation/Tactics Training Devices	E65	E and M	*	37	7	15	68	M6, E2, E5		

AFS AND TITLE	PRESENT ASVAB CATEGORIZATION (APTITUDE/ SCORE)**	JOB/TASK ENVIRONMENT CATEGORIZATION	CHANGE	TASKS REVIEWED				DOMINANT SUBCATEGORIES	REMARKS
				MECH	ADRN	GEN	ELEC		
A	B	C	D	E	F	G	H	I	J
341X7, Missile Trainer	E65								No SKT Team Through CY84
361X0, Cable and Antenna Systems Installation/Maint	M35	M and G	*	57	2	24	2	G1, G3, M2, M4a	
361X1, Cable Splicing Installation and Maintenance	M35	M and G	*	42	1	23	8	M1, M2, M3, G1, G3	
362X1, Telephone Central Office Switching Equipment, Electronic/Electro- Mechanical	E45	E and G	*	6	5	12	18	E2, E5, G1	
362X3, Missile Control Communica- tions Systems	E45	G and M	*	19	12	31	11	M2, G3, G4a	
362X4, Telephone Equipment Installation and Repair	E45	E		3	1	11	40	E5	
391X0, Maintenance Systems Analysis	G50	G		0	6	46	0	G7, G5, G4b, G6	
392X0, Maintenance Scheduling	G45	G		0	2	37	0	G5, G6	
404X0, Precision Imagery & Audio- visual Media Maintenance	E35	M, E, and G	*	40	11	24	22	M5, E2, G5	
404X1, Aerospace Photographic Systems	E45	E and M	*	22	8	6	14	M5, E5	
423X0, Aircraft Electrical Systems	E40	E and M	*	42	0	6	18	M1, M5, E3	
423X1, Aircraft Environmental Systems	M30	M		34	0	14	13	M2	
423X2, Aircrew Egress Systems	M40 or E30	M	*	52	1	14	0	M3	
423X3, Aircraft Fuel Systems	M35	M		55	3	15	0	M2, M3	
423X4, Aircraft Pneudraulic Systems	M40 or E35	M and E	*	78	6	5	14	M2, M5, E3	
423X5, Aerospace Ground Equipment	M35 and E30	M and E		36	0	18	17	M4b, E3, M5	
426X1, Reciprocating Propulsion	M40								No OSR Data
426X2, Jet Engine	M30	M and G	*	38	0	26	0	M2, G3	
426X3, Turboprop Propulsion	M35	M		53	0	13	3	M1, M2	
426X4, F-100 Jet Engine	M30								No OSR Data
427X0, Machinist	M35	M and G	*	53	0	37	0	M1, M2, G5	
427X1, Corrosion Control	M35	M		49	3	3	0	M1, M2	

AFS AND TITLE	PRESENT ASVAB CATEGORIZATION (APTITUDE/ SCORE)***	JOB/TASK ENVIRONMENT CATEGORIZATION	CHANGE	TASKS REVIEWED					DOMINANT SUBCATEGORIES	REMARKS
				MECH	ADPN	GEN	ELEC	I		
A	B	C	D	E	F	G	H	J		
427X2, Nondestructive Inspection	G45	G		1	3	45	4	G3, G5, G6		
427X3, Fabrication and Parachute	M30	M		44	0	17	0	M1, M2		
427X4, Metals Processing	M35	M		56	0	10	0	M1, M2		
427X5, Airframe Repair	M35	M		49	3	3	0	M1, M2		
431X0C, Helicopter, Articulated Rotor (CH/HH-3, CH/HH-53, HH/UH-60)	M40	M		34	3	19	0	M1		
431X0D, Helicopter, Semirigid Rotor (HH-1H, UH-1F/P/N)	M35	M		124	2	10	4	M2, M3		
431X1A/B/C/D/E/F/G/H/J/K/L/M/N/P/Q/Z, Tactical Aircraft Maintenance	M35	M		76	13	46	1	M1, M2		
431X2, Strategic Aircraft Maintenance	M35	M		74	17	49	1	M1, M2		
431X3, Airlift Aircraft Maintenance	M35							No OSR Data		
431X4, General Aircraft Maintenance	M35							No OSR Data		
443X0C, Missile Maintenance, BGM-109	M35							No OSR Data		
443X0E, Missile Maintenance, LGM-25	M40	M		10	0	2	0	M2, M4a		
443X0G, Missile Maintenance, WS-133A/H, WS-133B	M35	M and G	*	32	6	20	0	M4b, G5		
443X0P, Missile Maintenance, DRONE/RPV	M35							No OSR Data		
443X1, Missile Pseudoratic Repair	M35							No OSR Data		
445X0E, Missile Facilities, LGM-25, Operations	E30	G	*	4	3	47	3	G1, G5		
445X0F, Missile Facilities, LGM-25, Maintenance	E30	A and M	*	19	15	12	2	A1, M1		
445X0G, Missile Facilities WS-133B, WS-133A/H	E30	M	*	24	5	15	4	M1, M2		
445X1, Missile Liquid Propellant Systems Maintenance	M35							No OSR Data		
461X0, Munitions Systems	M45 or E45	G and M	*	23	7	32	0	G1, G3		
462X0A/B/C/D/E/F/G/H/J/K/L, Aircraft Armament Systems	M45 or E45	M and E	*	28	6	9	11	M3		

AFS AND TITLE	PRESENT ASVAB CATEGORIZATION (APTITUDE/ SCORE)**	JOB/TASK ENVIRONMENT CATEGORIZATION	CHANGE	TASKS REVIEWED				DOMINANT SUBCATEGORIES	REMARKS
				MECH	ADMIN	GEN	ELEC		
A	B	C	D	E	F	G	H	I	J
463X0, Nuclear Weapons	M45	G and M	*	20	1	20	0	M1, G3	
464X0, Explosive Ordnance Disposal (USAF)	M45 and E45	G	*	7	6	33	0	G4a, G5	
472X0, Base Vehicle Equipment Maintenance	M35	M		60	0	1	24	M1, M2	
472X1A, Special Vehicle Mechanic- Firetrucks	M30	M and E	*	57	0	1	21	M1, M2, E1	
472X1B, Special Vehicle Mechanic- Refueling Vehicles	M30	M and E	*	58	0	0	20	M1, M2, E1	
472X1C, Special Vehicle Mechanic- Materials Handling Equip	M30	M and E	*	54	0	1	23	M1, M2, E1	
472X1D, Special Vehicle Mechanic- Towing & Servicing Vehicles	M30	M and E	*	54	0	0	26	M1, M2, E1	
472X2, General Purpose Vehicle Maintenance	M35	M		54	0	0	10	M2, M3	
472X3, Vehicle Body Maintenance	M40	M and G	*	30	0	23	0	M2, G5	
472X4, Vehicle Maintenance Control & Analysis	A50	A and G	*	0	24	15	0	A1, G5	
511X0, Computer Operations	G40	M and G	*	3	13	19	0	M1, E6	
511X1, Computer Programming	G55	G							SKT Team Scheduled 23 Oct 84
542X0, Electrician	E30	M and E	*	34	0	4	16	M5, E3	
542X0F, Electrician, LGM-25	E30								No SKT Team Through CY84
542X1, Electric Power Line	E30	E and M	*	38	0	19	38	E5	
542X2, Electrical Power Production	M40 and E40	E and M		49	7	13	17	M1, M2, M5	
545X0, Refrigeration and Cryogenics	M35 or E30	M	*	60	0	0	12	M1, M2, M3	
545X1, Liquid Fuel Systems Maint	M35	M and G	*	38	1	29	5	M2, G3	
545X2, Heating Systems	M35 or E30	M and G	*	42	0	21	6	M1, M3, G3	
545X3, Civil Engineering Control Systems	M35 or E30								No OSR Data
551X0, Pavements Maintenance	M30	M and G	*	39	0	40	0	M4a, G1	
551X1, Construction Equipment Operator	M30	M		78	2	6	0	M1, M4a, M4b	
552X0, Carpentry	M35	M		48	0	6	0	M1, M2, M3	

AFS AND TITLE	PRESENT ASVAB CATEGORIZATION (APTITUDE/ SCORE)**	JOB/TASK ENVIRONMENT CATEGORIZATION	CHANGE	TASKS REVIEWED				DOMINANT SUBCATEGORIES	REMARKS
				MECH	ADMN	GEN	ELEC		
A	B	C	D	E	F	G	H	I	J
552X1, Masonry	M30	M	*	55	0	21	0	M1, M2, M3	
552X2, Metal Fabricating	M30	M		69	0	11	0	M1, M2	
552X4, Protective Coating	M30								No OSR Data
552X5, Plumbing	M35	M		41	0	7	0	M1, M2	
553X0, Engineering Assistant	G50	G		2	1	42	0	G5, G8	
554X0, Civil Engineering Resources Management	A50	G and A	*	0	19	34	0	G5, A2	
555X0, Production Control	G45	G		0	3	33	0	G3, G5	
556X0, Pest Management	G40	G		18	10	54	0	G3, G5	
556X1, Environmental Support	M30	M and G	*	28	2	40	1	M2, G5	
571X0, Fire Protection	G40	G		21	2	47	0	G5	
591X0, Seaman	M30								No OSR Data
591X1, Marine Engine	M30								No OSR Data
602X0, Passenger and Household Goods	A45	A and G	*	0	25	29	0	A1, G5	
602X1, Freight Traffic	A45	A and G	*	10	19	29	0	A1, G1, G3	
602X2, Packaging	G30	M and G	*	17	9	11	0	M2, G1	
603X0, Vehicle Operator/Dis- patcher	M30								No OSR Data
605X0, Air Passenger	A35	G	*	4	14	45	0	A1, G3, G5	
605X1, Air Cargo	M35 or G30	M and G	*	29	11	28	0	M1, G1, G5	
611X0, Services	A30	A and G	*	3	43	27	0	A1, G3	
612X0, Meatcutter	G30	G		1	0	21	0	G5	
612X1, Subsistence Operations	A30	A and G	*	5	36	34	0	A1, G5	
622X0, Food Service	G30	G		0	3	29	0	G3, G5	
631X0, Fuels	M35 and G40	M	*	19	14	11	0	M4b	
645X0, Inventory Management	A50 or G45	A and G	*	2	29	24	0	A1, G5	
645X0A, Inventory Management, Munitions	A50 or G45	A and G	*	0	44	17	0	A1, G5	

AP'S AND TITLE	PRESENT ASVAB CATEGORIZATION (APTITUDE/ SCORE)**	JOB/TASK ENVIRONMENT CATEGORIZATION	CHANGE	TASKS REVIEWED				DOMINANT SUBCATEGORIES	REMARKS
				MECH	ADRN	GEN	ELEC		
A	B	C	D	E	F	G	H	I	J
645X1, Materiel Facilities	G30	G		4	11	31	0	G1, G3	
645X2, Supply Systems	A55	G	*	1	9	41	0	G3, G5	
651X0, Contracting	A60	A and G	*	0	28	41	0	A1, G5	
661X0, Logistics Plans	A65	G	*	0	5	23	0	G6	
672X1, Financial Management	A65	A		0	31	9	0	A1	
672X2A, Financial Services, Military Pay	A70	A		0	85	22	0	A1, A2	
672X2B, Financial Services, Travel Pay	A70	A		0	85	22	0	A1, A2	
673X0, Auditing	A70								No OSR Data
691X0, Cost and Management Analysis	G55	G		0	13	41	0	G4b, G6	
701X0, Chapel Management	A45 or G45	A and G	*	1	12	27	0	A1, G3, G1	
702X0A, Administration Management	A35	A and G	*	1	30	28	0	A1, G3	
702X0B, Staff Support Adminis- tration	A35	A		0	22	13	0	A1	
702X0C, Unit/Orderly Room Administration	A35	A		0	26	11	0	A1	
703X0, Reprographic	G30	H	*	39	5	15	0	M1, M2, G3	
705X0, Legal Services	A50	A		0	20	1	0	A1	
732X0, Personnel	A50	A		0	36	19	0	A1	
732X1, Personal Affairs	A50	A and G	*	0	38	44	0	A1, G4a	
732X4, Career Advisory	A55	G	*	0	15	56	0	G5a, G6	
733X1, Manpower Management	G65	G		0	5	59	0	G5, G6	
734X0A, Social Actions, Eql Oppor- tunity/Human Relations	A50 or G45								No OSR Data
734X0B, Social Actions, Drug/Alcohol Abuse	A50 or G45	G	*	0	7	38	0	G4a, G6	
741X1, Fitness and Recreation	A30	G and A	*	5	17	35	0	A1, G1, G3	
742X0, Open Mess Management	A65 and G45	G	*	1	11	52	0	G3, G5	
751X0, Education	G45	A and G	*	0	14	26	0	A1, G4a	

AFS AND TITLE	PRESENT ASYAB CATEGORIZATION (APTITUDE/ SCORE)**	JOB/TASK ENVIRONMENT CATEGORIZATION	CHANGE	TASKS REVIEWED					DOMINANT SUBCATEGORIES I	REMARKS J
				MECH E	ADPN F	GEN G	ELEC H			
A	B	C	D	E	F	G	H		I	J
751X2, Training	G50	A and G	*	0	15	35	0		A1, G6	
751X3, Instructional System	G65	G		0	0	40	0		G6	
753X0, Combat Arms Training and Maintenance	G45	G		4	9	80	0		G3, G4a	No SKT Team Through CY84
753X1, Gunsmith	M45									
791X0, Public Affairs	G/v	G		0	2	28	0		G6	
791X1, Radio and Television Broadcasting	G70	G		3	2	5	0		G5	
791X2, Historian	G70	G		0	13	41	0		G6	
811X0, Security	G30	G		5	3	32	0		G3	
811X2, Law Enforcement	G35	G		0	16	44	0		G3, G5	
811X2A, Law Enforcement, Military Working Dog Qualified	G35	G		0	4	32	0		G3, G5	
821X0, Special Investigations	G45									No OSR Data
811X0A/B/C/D/E/F/G/H/J/K/L/M/N/ P/R/S/T, Band	A30 or G30									No OSR Data
872X0, Instrumentalist	A30 or G30									No OSR Data
902X0, Medical Service	G45	G		0	14	51	0		G2a	No SKT Team Through CY84
902X0A, Medical Service, Allergy/ Immunology	G45									No SKT Team Through CY84
902X0B, Medical Service, Neurology	G45	G and A	*	0	25	37	0		A1, G2c, G5	
902X0C, Medical Service, Aeromedical	G45			0	3	40	0		G2b, G2c	
902X1, Cardiopulmonary Laboratory	G45	G		0	0	53	0		G2b, G3	
902X2, Surgical Service	G45	G								No SKT Team Through CY84
902X2A, Surgical Service, Ophthalmology	G45									No SKT Team Through CY84
902X2B, Surgical Service, Urology	G45									No SKT Team Through CY84
902X2C, Surgical Service, Orthopedics	G45									No SKT Team Through CY84

AFS AND TITLE	PRESENT ASVAB CATEGORIZATION (APTITUDE/ SCORE)**	JOB/TASK ENVIRONMENT CATEGORIZATION	CHANGE	TASKS REVIEWED				DOMINANT SUBCATEGORIES	REMARKS
				MECH	ADMN	GEN	ELEC		
A	B	C	D	E	F	G	H	I	J
902X2D, Surgical Service, Otorhinolaryngology	G45								No SKT Team Through CY84
903X0, Radiology	G45	G		0	6	97	0	G2b, G2c	
903X1, Nuclear Medicine	G45								No SKT Team Through CY84
905X0, Pharmacy	G45	G and A	*	0	13	21	0	A1, G3	
906X0, Medical Administrative	G45	A and G	*	0	36	23	0	A1, G5	
907X0, Bioenvironmental Engineering	G50	G		0	11	45	0	G3, G6	
908X0, Environmental Medicine	G45	G		0	11	47	0	G6	
911X0, Aerospace Physiology	G45	G		1	3	24	0	G4a, G5	
912X5, Optometry	G55	G		1	9	44	0	G2b, G2c	
913X0, Physical Therapy	G50	G		1	0	60	0	G2a	
913X1, Occupational Therapy	G45								No OSR Data
914X0, Mental Health Clinic	G55	A and G	*	0	10	28	0	A1, G2a	
914X1, Mental Health Unit	G50	G and A	*	0	18	50	0	A1, G2a	
915X0, Medical Materiel	G45	G and A	*	4	36	50	0	A1, G3, G5	
918X0, Biomedical Equipment Maintenance	E65								SKT Team Scheduled 23 Oct 84
919X0, Orthotic	G45								No OSR Data
924X0, Medical Laboratory	G45								SKT Team Scheduled 16 Apr 85
924X1, Histopathology	G45								No OSR Data
925X0, Cytotechnology	G45								No OSR Data
926X0, Diet Therapy	G45	G		0	4	76	0	G3, G5	
981X0, Dental Assistant	G45	G		0	7	39	0	G2b, G2c	
982X0, Dental Laboratory	G55	H	*	33	2	1	0	M2	

** Present ASVAB Categorization (Aptitude/Score) based on AFR 39-1 (C5) Atch 55. 15 March 1984,
Effective 30 April 1984

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