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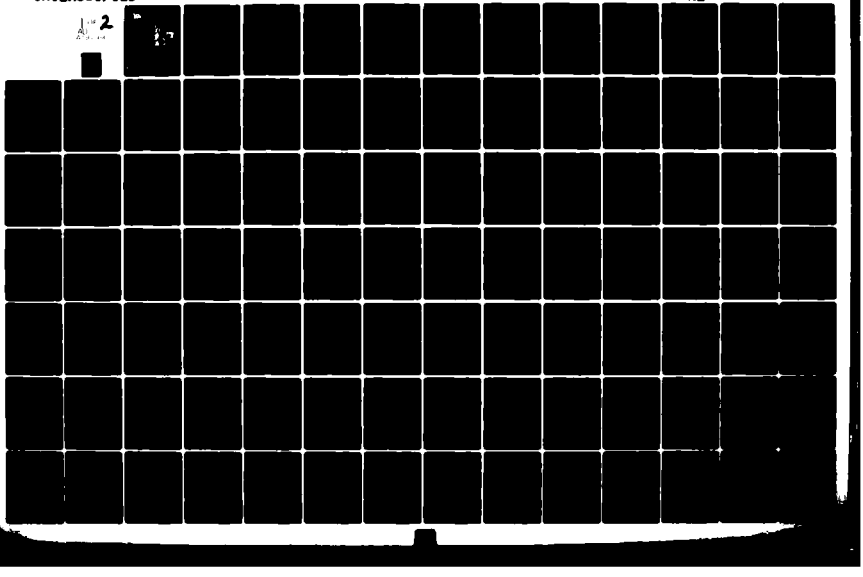

UNITED STATES AIR FORCE

OCCUPATIONAL SURVEY REPORT

INTEGRATED AVIONICS COMPUTERIZED TEST STATION
AND COMPONENTS (F/FB-111) CAREER LADDER
AFS 326X4A.
AFPT 90-326-428C
JUNE 1982

OCCUPATIONAL ANALYSIS PROGRAM
USAF OCCUPATIONAL MEASUREMENT CENTER
AIR TRAINING COMMAND
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PREFACE

This report presents the results of a detailed Air Force Occupational Survey of the Integrated Avionics Computerized Test Station and Component (F/FB-111) career ladder (AFSCs 32634A, 32654A, and 32674). This report was prepared in response to a request by HQ ATC/TTQG. Authority for conducting occupational surveys is contained in AFR 35-2. Computer outputs from which this report was produced are available for use by operating and training officials.

The survey instrument was developed by Captain Gary K. Patterson, Inventory Development Specialist. Mr. Bob Vance served as CODAP programmer for the study. Second Lieutenant Beverly C. Handy, Occupational Survey Analyst, analyzed the data and wrote the final report. This survey has been reviewed and approved by Mr. Jim Keeth, OMYO, Technical Advisor, and Lieutenant Colonel Jimmy L. Mitchell, Chief Airman Career Ladders Analysis Section, Occupational Analysis Branch, USAF Occupational Measurement Center, Randolph AFB, Texas 78150.

Copies of this report are distributed to air staff sections, major commands, and other interested training and management personnel. Additional copies may be obtained upon request to the USAF Occupational Measurement Center, attention of the Chief, Occupational Analysis Branch (OMY), Randolph AFB, Texas 78150.

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SUMMARY OF RESULTS

1. Survey Objective: This survey was conducted to provide current information on job composition and training adequacy since a major restructuring of the 326XX career ladders.

2. Survey Coverage: The integrated Avionics Computerized Test Station and Component (F/FB-111) career ladder job inventory was administered to incumbents worldwide. Survey results were based on the responses of 459 respondents, comprising a 75 percent return rate.

3. Career Ladder Structure: Fourteen separate independent job types and clusters covering all varieties of test stations, training, and supervisory functions were identified. Typically, 326X4A personnel focus most of their time on one type of test station and its associated LRUs. Nearly all groups, however, performed general maintenance and administrative functions.

4. Career Ladder Progression: As incumbents progress through the AFSC, less time is spent maintaining test stations and LRUs and correspondingly greater amounts of time on managerial and supervisory duties. As a result, while the job of the 3- and 5-skill level respondents has primarily a technical orientation, 7-skill level incumbents perform a wide variety of supervisory tasks in addition to technical functions.

5. AFR 39-1 Specialty Descriptions: Overall, the AFR 39-1 specialty descriptions provided accurate overviews of the 326X4 AFSC.

6. Training Analysis: An evaluation of specialty training documents indicates that due to low performance levels, areas of the STS and the POIs for the F/FB-111A/E/F and F-111D courses may warrant further review by career ladder training personnel.

7. Implications: Because incumbents often specialize by concentrating much of their time on a small number of functional areas, it may be most efficient to use a generalized training approach in which only the common fundamentals are taught. Additionally, although job satisfaction is fairly high among specialty members, low reenlistment intentions of first-term personnel may be a potential problem area.

OCCUPATIONAL SURVEY REPORT
INTEGRATED AVIONICS COMPUTERIZED TEST STATION AND COMPONENTS (F/FB-111) (AFS 326X4A)

INTRODUCTION

This is a report of an occupational survey of the Integrated Avionics Computerized Test Station and Components (F/FB-111) career ladder (AFSC 326X4A) completed by the Occupational Analysis Branch, USAF Occupational Measurement Center in May 1982. This survey was requested by HQ ATC/TTQG to determine job compositions and training adequacy since a major restructuring of the career ladder. There has been no previous survey of the 326X4A specialty.

Background

The history of the 326X4A AFSC is complex and stems from a major restructuring of all 326XX specialties over a number of years in the late 1970s. In October 1978, the job of shop repairing aircraft avionics line replaceable units (LRUs) was consolidated with the job of maintaining the associated avionics test stations on which this equipment is checked. Personnel from the 326X1D (Integrated Avionics Component Specialist, Automatic Avionics AGE Test Operator) and the 326X0B (Avionics Aerospace Ground Equipment Specialist, Automatic Avionics AGE) specialties were combined into AFS 326X1F (Integrated Avoinoics Component Specialist Microwave, Computer/Inertial, Displays/Indicators, RF, RTM, CENPAC, Flight Control, Sensors, Fire/Weapons Control and Associated AGE). In April 1979, the 326X1F career ladder was reorganized according to aircraft weapon system and given the 326X4 designation.

The basic job of 326X4A, B, and C shred personnel, as described by AFR 39-1, is to inspect, troubleshoot, repair, modify, calibrate, program, and certify integrated avionic computerized test stations, systems components, and support equipment (SE) at the intermediate level. This generally includes analyzing malfunctions, calibrating, and performing maintenance on avionics computerized test stations and SE utilizing calibration standards. Career ladder members receive formal training in the basic Integrated Avionics Computerized Test Station and Component Specialist (F/FB-111) courses which are offered at Lowry Technical Training Center, Colorado. These courses are 121 days (F/FB-111A/E/F) and 122 days (F-111D), respectively.

Objective

This survey has been requested to obtain current task and training data on 326X4A incumbents. Major areas discussed in this report include: (1) the

development and administration of the survey instrument; (2) the job structure within the AFSC; (3) a comparison of career field responsibilities to AFR 39-1 Specialty Descriptions; (4) an analysis of the Total Active Federal Military Service (TAFMS) and Duty Air Force Specialty Code (DAFSC) groups; (5) an analysis of training; and, (6) the implications of this occupational survey report.

SURVEY METHODOLOGY

Inventory Development

The data collection instrument for this occupational survey was USAF Job Inventory AFPT 90-326-428C. Initially, a tentative task list was prepared after reviewing a previous Occupational Survey Report of the 326X0 AFSC, pertinent career ladder publications and directives, as well as interviews with technical school personnel at Lowry AFB CO. This new task list was further reviewed and validated through interviews with subject matter specialists at Plattsburg AFB, Cannon AFB, and Mt Home AFB. The resulting job inventory contained a comprehensive listing of 1373 tasks organized under 23 duty headings. Also included in the inventory was an extensive background section that asked for such information as:

(A) Job Title
(B) Duty Section
(C) Shift worked
(D) Organizational Level
(E) Number of Test Stations in the Shop
(F) Number of individuals assigned to shop
(G) AFSC through which 7-skill level Primary AFSC was attained
(H) Amount of time spent on aircraft
(I) Aircraft worked on in present job
(J) Test stations used

Survey Administration

During the period January through April 1981, Consolidated Base Personnel Offices (CBPOs) in operational units worldwide administered the inventory to job incumbents holding a 326X4A DAFSC. These job incumbents were selected from a computer generated mailing list obtained from personnel data tapes maintained by the Air Force Human Resources Laboratory (AFHRL).

Each respondent who completed a job inventory first completed an identification and biographical information section and then checked all tasks which are performed in their present job. Those tasks that were checked were then rated on a nine-point scale showing the relative amount of time spent on that task as compared to all other tasks checked. The ratings ranged from one (very small amount of time spent) to nine (very large amount of time spent), with a rating of five representing an average amount of time spent in performing time spent.

Data Processing and Analysis

Once job inventories are returned from the field, they are prepared so task responses and background information can be optically scanned. Other biographical information (such as name, base, AUTOVON extension) are keypunched onto disks and entered directly into a Univac 1100/81 computer. Once both sets of data are entered into the computer, the tasks, background, and biographical information are merged to form a complete case record for each respondent. Computer-generated programs using Comprehensive Occupational Data Analysis Programs (CODAP) techniques are then applied to the data.

CODAP produces job descriptions for respondents based on their responses to specific inventory tasks. Computer generated job descriptions are available for DAFSC, TAFMS, and MAJCOM groups, and include such information as percent members performing each task, the average percent time spent performing each task, the percent members utilizing various pieces of equipment, and the cumulative average percent time spent by all members on each task in the inventory.

Task Factor Administration

In addition to completing the job inventory, selected senior 326X4 incumbents were also asked to complete a second booklet for either training emphasis or task difficulty. Information from these booklets was processed separately from the job inventories, and the information was then used in a number of different analyses which will be discussed in greater detail within this report.

Task Difficulty. The experienced NCOs who completed the task difficulty booklets rated all of the tasks on a nine-point scale from extremely low to extremely high difficulty, with difficulty being defined as the length of time that it takes for the average incumbent to learn to do the task. Ratings were then adjusted so tasks of average difficulty have a rating of 5.00.

Task difficulty data was independently collected from 31 senior incumbents holding the 326X4 AFSC. The interrater reliability (as assessed through components of variance of standard group means) was .92, which indicated good agreement among the raters. The resulting data is a rank ordering of tasks based on the relative degree of difficulty assigned to each task within the inventory.

Job Difficulty Index (JDI). After computing a task difficulty rating for each task item, it is then possible to also compute a Job Difficulty Index (JDI) for the job groups identified in the survey analysis. This provides a relative measure of the job difficulty for each functional group. The number of tasks performed and the average task difficulty per unit time spent are used as the major variables to compute JDI. The index ranges from one for very easy jobs to 25 for very difficult jobs. The indices are adjusted so the average

job difficulty index is 13.00. Consequently, the more time a group spends on difficult tasks, and the greater the number of tasks performed, the higher will be the job difficulty index.

Training Emphasis. Individuals completing training emphasis booklets were asked to rate all of the tasks on a ten-point scale which ranged from no training required to extremely heavy training required. Training emphasis yields a rating of tasks which indicates where emphasis should be placed on structured training for first-term personnel. Structured training is defined as training provided at resident technical schools, field training detachments (FTD), mobile training teams (MTT), formal OJT, or any other organized training method. The training emphasis data were collected from 39 incumbents (see Table 4 for command representation of raters). The interrater reliability (as assessed through the components of variance of standard group means) for these raters was .95, which indicated fairly high agreement among the raters as to which tasks required some form of structured training and which did not. Tasks which were rated highest in training emphasis had ratings of 3.25 and above, while the average rating was 2.07. Those tasks with a training emphasis of .89 and below could be considered to require very little emphasis in training.

When used in conjunction with other factors, such as percent members performing, the training emphasis ratings can provide an insight into training requirements. This may help validate the lengthening or shortening of specific units of instruction in various training programs.

Survey Sample

Incumbents were selected to participate in the survey so as to ensure an accurate representation across major commands (MAJCOMs) and paygrade groups. Table 1 reflects the percentage distribution by major command of assigned personnel in the AFSC as of July 1981. Also listed in this table is the percent distribution of respondents in the final sample by MAJCOM. The 353 3- and 5-skill level respondents in the final survey sample represent 73 percent of the 326X4A career ladder. Table 2 provides a listing of paygrade group distributions, while Table 3 reflects the sample distribution by TAFMS groups. As demonstrated by these tables, the survey sample provides a fairly good representation of the career ladder population.

TABLE 1

COMMAND REPRESENTATION OF SURVEY SAMPLE

COMMAND	PERCENT OF ASSIGNED	PERCENT OF SAMPLE
TAC	49	49
USAFE	23	29
SAC	15	13
ATC	9	8
OTHER	4	1
TOTAL	100	100

TOTAL ASSIGNED - 485
TOTAL ELIGIBLE FOR SURVEY* - 608
TOTAL NUMBER OF SURVEYS - 459 (106 7-SKILL LEVEL INCUMBENTS WERE INCLUDED IN THIS FIGURE)

PROPORTION OF CAREER FIELD SURVEYED - 73%

* EXLUDES PERSONNEL IN PCS STATUS, HOSPITAL, OR LESS THAN SIX WEEKS ON THE JOB (THIS FIGURE ALSO INCLUDES SELECTED 32674 PERSONNEL CURRENTLY ASSIGNED WITH A-SHRED INCUMBENTS)

TABLE 2

PAYGRADE DISTRIBUTION OF SURVEY SAMPLE

PAYGRADE	PERCENT OF ASSIGNED	PERCENT OF SAMPLE*
AIRMAN	35	33
E-4	43	33
E-5	22	17
TOTAL	100	83

* SEVENTEEN PERCENT OF THE SURVEY SAMPLE WAS COMPOSED OF E-6 AND E-7 PERSONNEL HOLDING THE 32674 AFSC AND ASSIGNED WITH A-SHRED INCUMBENTS.

TABLE 3

TAFMS DISTRIBUTION OF SURVEY SAMPLE

	MONTHS TOTAL ACTIVE FEDERAL MILITARY SERVICE					
	1-48	49-96	97-144	145-192	192-240	241+
NUMBER IN SAMPLE	282	59	39	37	31	7
PERCENT OF SAMPLE	62%	13%	8%	8%	7%	2%

TABLE 4

COMMAND REPRESENTATION OF TASK DIFFICULTY AND TRAINING EMPHASIS RATERS

COMMAND	PERCENT OF ASSIGNED	PERCENT OF TASK DIFFICULTY RATERS	PERCENT OF TRAINING EMPHASIS RATERS
TAC	49	47	46
USAFE	23	38	36
SAC	15	9	13
ATC	9	6	5
OTHER	4	-	-
TOTAL	100	100	100

SPECIALTY JOBS
(Career Ladder Structure)

The number of distinct jobs within a career field can have a great impact on the Air Force personnel classification structure, technical training programs, and on-the-job training (OJT) programs. Thus, this report begins with a description of the jobs within the specialty and how these jobs relate to one another.

Specialty Overview

The job structure of the Integrated Avionics Computerized Test Station and Component (F/FB-111) career ladder was determined by performing a job type analysis of the 459 survey respondents. Based on similarity of tasks performed and the amount of time spent in performing each task, the jobs performed by 326X4A respondents are listed below and illustrated in Figure 1. (Each job group is identified with a group identification number to cross reference the groups to computer printouts included in the statistical summary package provided to selected users. These identification numbers are shown as GRP numbers for each type of job. "N" stands for the number of people in each group.)

I. TEST STATION AREA SUPERVISORS (GRP111, N=9)

II. INDICATORS/SERVOS TEST STATION PERSONNEL (GRP075, N=26)

- a. 12A6895 and 12A6876 Test Station Personnel (GRP217, N=9)
- b. 12A6895, 12A6876, and 12A6873 Test Station Personnel (GRP204, N=8)
- c. 12A6825 Test Station Personnel (GRP128, N=5)

III. NAVIGATIONAL SYSTEMS MAINTENANCE PERSONNEL (GRP054, N=47)

- a. Consolidated Maintenance Squadron Personnel (GRP105, N=8)
- b. 12A6863 Test Station Personnel (GRP068, N=39)

IV. VIDEO TEST STATION PERSONNEL (GRP037, N=73)

- a. 12A6885, 12A6815, and 12A6825 Test Station Personnel (GRP189, N=13)
- b. Senior 12A6875 Test Station Personnel (GRP140, N=21)
- c. 12A6815 Test Station Personnel (GRP157, N=7)
- d. Junior 12A6875 Test Station Personnel (GRP168, N=6)
- e. 12A6885 Test Station Personnel (GRP097, N=21)

V. CONTROLS, SENSORS, INDICATORS, AND MODULES MAINTAINERS (GRP079, N=24)

- a. 12A6886 Test Station Personnel (GRP119, N=14)
- b. 12A6846 Test Station Personnel (GRP130, N=10)

VI. COMPUTER MAINTENANCE PERSONNEL (GRP066, N=44)

a. Central Processors and Controllers (CENPAC) and 12A16803 Computer Test Station Personnel (GRP183, N=6)
b. 12A16803 and 12A16846 Test Station Personnel (GRP161, N=21)
c. 12A6873 Test Station Personnel (GRP084, N=11)
d. Junior Computer Test Station Personnel (GRP117, N=6)

VII. RECEIVER-TRANSMITTER-MODULATOR TEST STATION PERSONNEL (GRP083, N=51)

a. 12A16882 Test Station Personnel (GRP099, N=20)
b. 12A6872 Test Station Personnel (GRP244, N=8)
c. 12A16802 Test Station Personnel (GRP236, N=14)

VIII. CENPAC, MAGNETIC TAPE UNIT, AND TAPE READER MAINTAINERS (GRP067, N=24)

a. CENPAC Supervisors (GRP159, N=5)
b. CENPAC Maintainers (GRP137, N=13)

IX. DISPLAYS TEST STATION PERSONNEL (GRP065, N=18)

X. APQ-130 ATTACK RADAR SUBSYSTEM TEST STATION (SST) PERSONNEL (GRP071, N=7)

XI. SUPERVISION AND MANAGEMENT PERSONNEL (GRP014, N=60)

a. Shop NCOICs (GRP116, N=20)
b. Shift Supervisors (GRP077, N=15)
c. Instructor Supervisors (GRP049, N=11)

XII. ATTITUDE AND RATE TEST STATION PERSONNEL (GRP061, N=8)

XIII. RESIDENT TECHNICAL SCHOOL INSTRUCTORS (GRP026, N=14)

XIV. SCHEDULING/DUE-IN FROM MAINTENANCE (DIFM) MONITORS (GRP091, N=5)

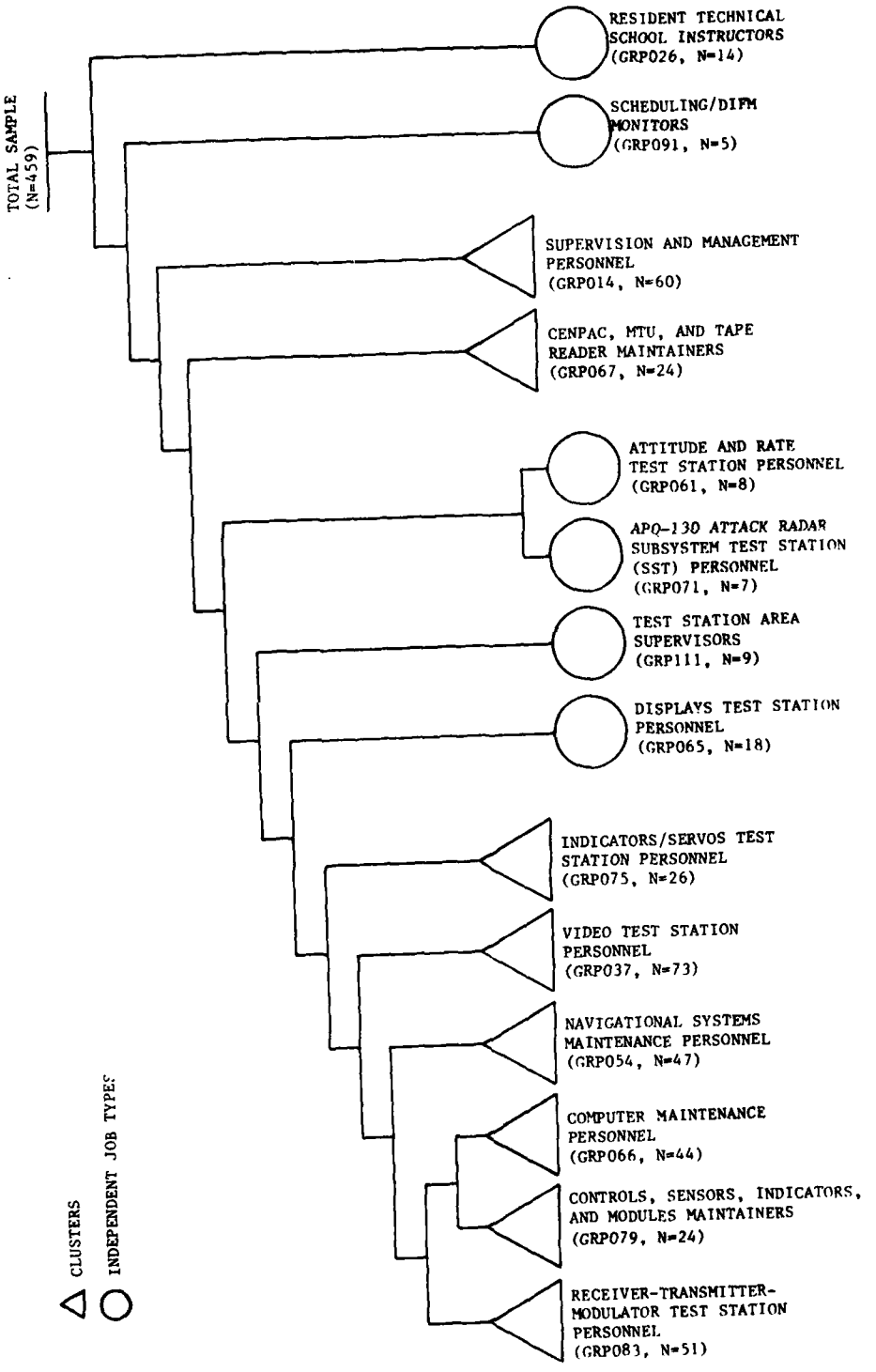
Incumbents forming these job types and clusters accounted for approximately 87 percent of the total survey sample. The remaining 13 percent of the sample consisted of respondents who held dissimilar jobs such that they did not group with any of the identified groups described above.

Overall, members of the 326X4A specialty were distinguished basically by the type of test station that was primarily maintained and operated. As demonstrated by Table 5, respondents typically reported spending large percentages of their job time focused primarily on one major category of test station and its associated line replaceable units. A few incumbents, however, (approximately 16 percent of the sample) such as members of the Consolidated Maintenance Squadron Personnel Group (GRP105), indicated operating and maintaining a variety of stations. Also, as illustrated by this table, nearly all identified job groups performed general maintenance tasks, such as inspecting and cleaning test stations and LRUs, removing or replacing test station or

test equipment light bulbs, fuses, or minor hardware, and removing or replacing LRU pins or connectors. Similarily, nearly all groups were responsible for performing a number of administrative and supply functions and making entries on such forms and records as AFTO Form 95 (Significant Historical Data) and AFTO Form 349 (Maintenance Data Collection Record).

FIGURE 1

INTEGRATED AVIONICS COMPUTERIZED TEST STATION AND COMPONENT (F/FB-111) CAREER LADDER STRUCTURE
(AFSC 326X4A)



Job Group Descriptions

The following paragraphs contain descriptions of the clusters, their respective job types, and independent job types identified through the specialty structure analysis. Selected background and job satisfaction data are provided for these groups in Tables 6 and 7. Appendix A contains representative task lists for each of the clusters, job types, and independent job types.

I. TEST STATION AREA SUPERVISORS (GRP111, N=9).

Comprising two percent of the total sample, incumbents in this independent job type are responsible for supervising subordinates, verifying and reviewing reports, and conducting OJT. Members of this group also indicated performing a number of tasks in support of mobility operations and other general maintenance activities. Their job commonly includes such tasks as:

performing TCTO modifications of F/FB-111 LRUs
supervising avionics computerized test station and component specialist (F/FB-111) (AFSC 32654A)
supervising apprentice integrated avionics conputerized test station and component specialists (F/FB-111) (AFSC 32634A)
verifying monitor reports (D-18 or D-19)
preparing F/FB-111 avionics and support equipment for mobility operations
verifying due-in from maintenance (DIFM) document listings (R-26)
conducting OJT
installing F/FB-111 test stations in work areas

The majority of these respondents (78 percent) hold a 7-skill level, with the remaining individuals holding a 5-skill level. The average paygrade for this group is E-5, and the members average 115 months TAFMS and 89 months in the career field. Performing the greatest average number of tasks of any group within the sample (350), these individuals also had the highest JDI (21.6) of all respondents.

II. INDICATORS/SERVOS TEST STATION PERSONNEL (GRP075, N=26).

Representing six percent of the total sample, members of this cluster primarily maintain the 12A6825 or 12A6895 indicators and servos test stations and associated LRUs, although some group personnel also devoted substantial percentages of their job time to the operation and maintenance of other stations such as the 12A6876 indicators and sensors test station or the 12A6873 navigation and flight controls test station. These incumbents are responsible for checking such units as altitude vertical velocity indicators, air speed mach indicators, and attack radar system antennas. Tasks typically performed by these individuals include:

bench checking F/FB-111 altitude vertical velocity indicators
isolating malfunctions in F/FB-111 altitude vertical velocity electronic control amplifiers
bench checking F/FB-111 air speed mach indicators
isolating malfunctions in F/FB-111 ARS antenna control units
bench checking F/FB-111 ARS antenna pedestals for any F-111 aircraft except the F-111D
bench checking F/FB-111 bearing distance heading indicators

The average paygrade for members of this groups is E-4 with an average of 45 months TAFMS and 37 months in the career field. These respondents perform the highest number of tasks (156) and have the highest JDI (16.9) of any group within the sample, with the exception of the Test Station Area Supervisors. Approximately half (54 percent) of these respondents have a 5-skill level, with 35 percent having a 3-skill level and 11 percent holding a 7-skill level.

III. NAVIGATIONAL SYSTEMS MAINTENANCE PERSONNEL (GRP054, N=47).

Comprising approximately 10 percent of the entire sample, this cluster is composed of two major groups. For 39 of these individuals, the major focus of their job seems to center around the operation and maintenance of the 12A6863 Digital Navigation and Weapons delivery test station and the Inertial Navigational Test Set/Aid (see Table 5). Incumbents in this group are responsible for such functions as benchchecking and calibrating inertial reference units, isolating malfunctions in the F/FB-111 12A6863 test station, or bench checking AJN-16 Navigation computer units. The responsibilities of the remaining eight members of this cluster, however, are slightly wider in scope. Performing a greater overall number of tasks (182 versus 121), these respondents are primarily assigned to the 3415 Consolidated Maintenance Squadron located at Lowry AFB CO. Although these personnel also maintain the 12A6863 test station, they also spend a large percentage of their time maintaining numerous other varieties of test stations in support of technical school functions (see Appendix A). Overall, tasks common to personnel within this cluster often include:

isolating malfunctions in F/FB-111 12A6863 test stations
isolating malfunctions in F/FB-111 test point controllers and relays using manual programming, test points, schematics
isolating malfunctions in F/FB-111 AYK-6 general purpose computers
isolating malfunctions in stimulus controllers and relays using manual programming, test points, schematics
inspecting and cleaning F/FB-111 test station, simulators, mockups, or line replaceable units (LRU)

IV. VIDEO TEST STATION PERSONNEL (GRP037, N=73).

The main job of these respondents is to operate and maintain F/FB-111 video test stations and assigned LRU. Overall, this cluster is composed of five separate groups. Twenty-one of these respondents, who were mostly assigned to Cannon AFB, indicated working primarily with the 12A6885 test station, while two separate groups reported working with the 12A6875 test station. Of the two groups operating and maintaining the 12A6875, one group was more experienced in terms of time in service (51 versus 31 months) and time in the career field (41 versus 25 months). These more senior individuals typically perform nearly twice as many tasks as their less experienced counterparts (169 versus 87), although most of these tasks were generally concerned with the maintenance of common automatic test equipment. Also within this cluster were a group of airmen who indicated that they divided their time between the operation and maintenance of the 12A6885 and 12A6815 video test stations as well as the 12A6825 servos and indicators test station. As a result, these members check and isolate malfunctions in units assigned to both types of stations. Finally, the job of the last group of incumbents identified within the cluster focused mainly around the operation and maintenance of the 12A6815 test station. Tasks commonly performed by cluster personnel include:

isolating malfunctions in F/FB-111 terrain following computers
bench checking F/FB-111 terrain following computers
isolating malfunctions in F/FB-111 interference blankers
bench checking F/FB-111 low altitude monitors
isolating malfunctions in F/FB-111 indicator recorders
isolating malfunctions in F/FB-111 LARARTs

Sixty-seven percent of this major job group hold a 5-level, while 25 percent have a 3-skill level and the remaining members hold a 32674 DAFSC. The average paygrade of these individuals is E-4 with an average of 45 months in service.

V. CONTROLS, SENSORS INDICATORS, AND MODULES MAINTAINERS (GRP079, N=24).

Representing five percent of the survey sample, this cluster is composed of two groups of respondents working on either 12A6886 or 12A6846 test stations. Personnel within this group devote over 38 percent of their time on the job to bench checking, isolating malfunctions, and maintaining F/FB-111 controls, sensors, indicators, and modules assigned to these stations, as well as performing maintenance on the stations themselves. The majority of incumbents working on the 12A6846 test station are assigned to Mt. Home AFB (F-111A), while respondents operating and maintaining the 12A6886 station are primarily stationed at Cannon AFB (F-111D). Members of this cluster commonly perform such tasks as:

isolating malfunctions in F/FB-111 controls, sensors, indicators, or modules to SRU
bench checking F/FB-111 controls, sensors, indicators, or modules except ARS antenna indicator controls
isolating malfunctions in F/FB-111 controls, sensors, indicators, or modules to SRU component
removing or replacing F/FB-111 12A6886 test station TRU SRUs
confidence checking F/FB-111 12A6886 test stations
confidence checking F/FB-111 12A6846 test stations
performing maintenance tape checks of F/FB-111 12A6846 test stations

Sixty-seven percent of these individuals hold a 5-skill level, with the remaining 33 percent holding a 3-skill level. Members of this group are also fairly junior with an average paygrade of E-3 and an average of 29 months TAFMS.

VI. COMPUTER MAINTENANCE PERSONNEL (GRP066, N=44).

Individuals in this cluster commonly devote a large percentage of their job time to the checking and maintaining of flight control computers, ballistic computer units, and AJQ-20 navigation computer units. This cluster was composed of four groups of incumbents. One group, consisting of six of these repondents, was relatively junior and on the average performed fewer tasks than other members of the same cluster. Airmen in this group also reported spending slightly greater amounts of time making entries on various required forms and records. Twenty-one incumbents in this cluster indicated operating and maintaining both the 12A16803 computer test station and the 12A16846 Indicators and Modules test station in addition to the avionics equipment assigned to both. Another small group of personnel reported maintaining central processors and controllers, as well as spending substantial amounts of their time working on the 12A16803 test station. Finally, the job of the remaining members of the cluster is basically centered around the 12A6873 Navigation and Fight Controls test station. Personnel within this cluster typically perform tasks such as:

isolating malfunctions in F/FB-111 flight control computers
removing or replacing F/FB-111 feel and trim assembly components
bench checking F/FB-111 AJQ-20 navigation computer units
isolating malfunctions in F/FB-111 12A16803 test stations using maintenance test, test equipment, and schematics
removing or replacing F/FB-111 ballistic computer unit SRUs
isolating malfunctions in F/FB-111 12A6873 test stations using maintenance test, test equipment, and schematics
bench checking F/FB-111 feel and trim assemblies

The average paygrade for these members is E-4, with an average of 54 months TAFMS. The majority of these incumbents hold 5-skill levels (66 percent) with 16 percent holding a 3-skill level and the remaining 18 percent having the 32674 DAFSC.

VII. RECEIVER-TRANSMITTER-MODULATOR TEST STATION PERSONNEL (GRP083, N=51).

Members of this cluster, comprising approximately 11 percent of the total sample, is composed of three groups of incumbents who spend a large percentage of their job time operating and maintaining either the 12A16802, 12A6872, or 12A16882 test stations and the associated line replaceable units. These incumbents, similar to the majority of personnel within the specialty, were also responsible for performing a number of common administrative, supply, and general maintenance tasks such as reseaching microfiche for part information, ordering parts by telephone, and performing periodic inspecting of test stations. Tasks typically performed by these members include:

removing or replacing F/FB-111 12A16882 test station TRU SRUs
isolating malfunctions in F/FB-111 12A16882 test station using maintenance test, test equipment, and schematics
isolating malfunctions in F/FB-111 12A6872 test station using maintenance test, test equipment, and schematics
isolating malfunctions in F/FB-111 12A6872 test stations through interconnects of an installed LRU
confidence checking F/FB-111 12A16802 test stations
performing maintenance tape checks of F/FB-111 12A16802 test stations
isolating malfunctions in F/FB-111 terrain following radar antenna receivers

Group personnel have an average paygrade of E-4 and an average of 46 months TAFMS. The majority of these airmen (65 percent) hold a 5-skill level, with 24 percent holding the 3-skill level and the remaining members having a 32674 DAFSC.

VIII. CENPAC, MAGNETIC TAPE UNIT, AND TAPE READER MAINTAINERS (GRP067, N=24).

Comprising approximately five percent of the survey sample, these respondents reported spending 44 percent of their time on the job maintaining central processors and controllers (CENPAC), magnetic tape units and tape readers (see Table 5). Similar to the majority of other groups, they typically devoted the remainder of their time to making entries on forms and records, performing general avionics maintenance, and maintaining common automatic test equipment. Although five of these individuals also performed some supervisory and training tasks such as determining work priorities, conducting OJT, and preparing APRs, all group personnel also maintained this equipment. These members performed such tasks as:

aligning F/FB-111 MTU capstans
aligning F/FB-111 MTU circuit cards
isolating malfunctions in F/FB-111 CENPACs using diagnostic tapes only
removing or replacing F/FB-111 CENPAC teletypewriters
copying F/FB-111 CENPAC tapes
updating F/FB-111 CENPAC tapes

Seventy-one percent of this cluster hold a 5-skill level, with 21 percent holding a 3-skill level, and eight percent having a 32674 DAFSC. The average paygrade of these members is E-4 with 48 months TAFMS and 42 months in the career field.

IX. DISPLAYS TEST STATION PERSONNEL (GRP065, N=18).

Members of this independent job type primarily maintain the LRU associated with the 12A6887 displays test station and indicator display system mockups. These respondents commonly work on such equipment as heads up display (HUD) units, multisensor displays, and video signals displays (VSD). This typically includes such tasks as:

isolating malfunctions in F/FB-111 HUD units
removing or replacing F/FB-111 multisensor display SRUs
removing or replacing F/FB-111 HUD unit SRUs
isolating malfunctions in F/FB-111 VSD
confidence checking F/FB-111 12A6887 test stations
isolating malfunctions in F/FB-111 horizontal situation display indicators

With an average of 27 months TAFMS and 23 months in the career field, these personnel represented the most junior group identified within the sample. All of these incumbents were in their first enlistment, with 67 percent holding a 5-skill level, and the remaining individuals having a 3-skill level.

X. APQ-130 ATTACK RADAR SUBSYSTEM TEST STATION (SST) PERSONNEL (GRP071, N=7).

The job of these seven respondents focuses mostly around the maintenance of the APQ-130 attack radar subsystem test station (SST) and the assigned LRUs for the F-111D aircraft. Primarily assigned to Cannon AFB, these incumbents are responsible for working with such equipment as F-111D ARS antennas, F-111D bad actor ARS electronics processor units, and F-111D APQ-130 test station components. This typically includes such tasks as:

electrically boresighting F-111D ARS antennas
adjusting video phase shift of F-111D attack radar system (ARS) antennas
isolating malfunctions in F-111D APQ-130 test stations to SRU components
determining status of F-111D bad actor ARS electronics processor units
removing or replacing F-111D APQ-130 test station components
overhauling F-111D ARS antennas

Fifty-seven percent of the group members hold a 5-skill level and 43 percent hold a 3-skill level. The average paygrade is E-3, with 31 months TAFMS and 17 months in the career field.

XI. SUPERVISION AND MANAGEMENT PERSONNEL (GRP014, N=60).

Personnel in this cluster are responsible for supervising and evaluating subordinates, interpreting policies, and performing general training functions. Composed of three groups--Shop NCOICs, Shift Supervisors, and Instructor Supervisors--this major grouping represents the most senior incumbents within the survey sample. With an average of 173 months TAFMS and 92 months in the career field, these members commonly perform tasks such as:

preparing APRs
evaluating individuals for recognition
establishing performance standards for subordinates
counseling trainees on training progress
supervising integrated avionics computerized test station and component specialists (F/FB-111) (AFSC 32654A)
analyzing workload requirements

The average paygrade for these respondents is E-6, with the majority holding a 7-skill level.

XII. ATTITUDE AND RATE TEST STATION PERSONNEL (GRP061, N=8).

Respondents in this independent job type spend a large percentage of their job time maintaining the 12A16805 test station and associated units. These members commonly perform tasks such as:

bench checking F/FB-111 stablized platform units
isolating malfunctions in F/FB-111 stablized platform units to SRU
removing or replacing F/FB-111 12A16805 test station TRU SRUs
removing or replacing F/FB-111 12A16805 test station SRU components
isolating malfunctions in F/FB-111 12A16805 test stations using maintenance test, test equipment, and schematics
aligning F/FB-111 stablized platform units

The majority of this group (75 percent) hold a 5-skill level and 25 percent hold a 3-skill level. These individuals have an average of 33 months TAFMS, 29 months in service, and have an average paygrade of E-4. Performing an average of only 49 tasks, the JDI for these personnel is relatively low (7.9).

XIII. RESIDENT TECHNICAL SCHOOL INSTRUCTORS (GRP026, N=14).

Comprising three percent of the total sample, members of this independent job type are responsible for conducting the basic resident course technical training at Lowry AFB CO. Performing approximately 42 tasks, this group is typically involved in such activities as:

preparing lesson plans
evaluating progress of students
scoring tests
administering tests
demonstrating how to locate technical information
conducting resident course classroom training

Individuals in this group report an average paygrade of E-5, with an average of 80 months TAFMS and 54 months in the career field.

XIV. SCHEDULING/DUE-IN FROM MAINTENANCE (DIFM) MONITORS (GRP09I, N=5).

Personnel in this independent job type serve a basically administrative and supply function. These incumbents devote over 79 percent of their time to the performance of tasks related to these duties. Individuals in this group are usually responsible for tasks such as:

verifying due-in from maintenance (DIFM) document listings (R-26)
making entries on forms such as Repair Cycle Control Log (AF Form 2520) to show receipt of LRU
making entries on DOD single line item release/receipt documents (DD Form 1348-1)
certifying status of repairable, serviceable, or condemned parts
making entries on Supply Control Log (AF Form 2413)
maintaining status boards, graphs, or charts

Group members have an average of 83 months TAFMS and 37 months in the career field. Performing the smallest number of tasks of any identified group (18), these respondents also had the lowest JDI within the sample.

Comparison of Specialty Jobs

In addition to identifying the characteristic tasks or responsibilities for each job group, it is also useful to contract information about the groups to highlight differences in background data or job attitudes.

Table 8 lists the JDI for each of the job groups identified within the 326X4A specialty. As shown by this table, there is a very wide range of variability in the comparative difficulty of each of the jobs performed. The Test Station Area Supervisors, who also perform the greatest number of tasks of any group (352), had the highest JDI with an index of 21.6. In contrast, the Scheduling/Due-In From Maintenance (DIFM) Monitors performed a much lower number of tasks (18) and had the lowest JDI rating of 1.0. Such a large variation seems to be the result of the great differences between the responsibilities of incumbents in many of the clusters and independent job types.

Overall, those incumbents operating and maintaining the F/FB-111 test stations, LRUs, and performing general equipment maintenance functions had the highest job difficulty indices and typically performed the greatest number of tasks.

In contrast, those groups having the lowest JDI ratings performed an essentially supvisory or administrative job. The only notable exceptions were the Test Station Area Supervisors. These incumbents are likely to have had such a high index because their job includes both supervisory and technically

oriented responsibilities. Groups such as those found in the Supervision and Management Personnel cluster and members of the DIFM Monitor independent job type typically performed a much smaller overall number of tasks. Many of these tasks, in addition, were frequently rated lower in task difficulty than more technically oriented tasks, such as isolating malfunctions, aligning equipment, and overhauling test stations. Such a trend is unusual. Typically, jobs requiring supervisory skills, have the highest JDI ratings in most of the surveyed AFSCs.

Table 5 summarizes the relative amount of job time each job group spends on the various test stations and other duties. As shown by the highlighted figures, the data clearly distinguishes the major focus of most specialty jobs, particularly those jobs specialized to a specific test station.

Background information summaries for the various job groups are displayed in Table 6, which provides a quick reference to the skill level, grade and experience levels, and MAJCOMs characteristic of each group. From this table, each group can be analyzed in terms of key information. For example, the Displays Test Station Personnel (GRP065) are identified as a small group, all assigned to TAC, who are relatively junior (average grade E-3, all 3- and 5-skill level, 100 percent first enlistment) and who have a job of about average difficulty (12.7). Interestingly, 33 percent of the group, although first enlistment personnel, are supervising.

Job attitudes are summarized by job groups in Table 7. These data are useful in highlighting where problems may exist within a career ladder. For example, the average who found their jobs interesting is about 75 percent. The groups vary, however, from 100 percent for APQ-130 Attack Radar Test Station Personnel to a low of 62 pecent for Attitude and Rate Test Station Personnel. Similar data is displayed for attitudes about use of one's talents, their training, and reenlistment or retirement interest.

One group which stands out in reviewing these data is the Scheduling-DIFM monitors. While their job interest is high (80 percent interesting), their attitudes toward use of their talents and training are low and none plan to reenlist.

This group was discussed above as having the least difficult job in the career field (only an average of 18 tasks performed). Yet, their job interest is high. Such low reenlistment intentions may suggest a problem area in terms of the expected loss of members of this group to the Air Force. Career area managers may want to consider what could be done to expand this job to make better use of individual's talents and training and to deal with retention issues.

Overall, the reenlistment intent for most 326X4A job groups (except supervisors and instructors) is relatively low. This may be a function of a variety of things (job demands, weapons systems, assignments, etc.). This low reenlistment may represent a serious manpower problem for future 326X4A maintenance activities. This issue may need to be investigated to see if management action is required.

Summary

Generally, personnel in the 326X4A AFSC spend the majority of their job time working on one kind of test station and the associated line replaceable units. Similarities found between the functional groups included general maintenance functions and the annotation of forms and records.

In terms of job satisfaction, most incumbents seem to find their job interesting and feel their talents and training are utilized at least fairly well. However, reenlistment intentions are characteristically very low for these individuals. On the average, only approximately one-third of the members of many groups reported that they currently plan to reenlist. This would seem to indicate that this may be an issue supervisors and other career ladder managers need to be aware of and attempt to improve.

TABLE 5

RELATIVE PERCENTAGE OF TIME SPENT ON DUTIES BY CLUSTERS AND INDEPENDENT JOB TYPES

DUTIES	RECEIVER-TRANSMITTER-MODULATOR TEST STATION PERSONNEL (GRP083)	CONTROLS, SENSORS, INDICATORS, AND MODULES MAINTAINERS (GRP079)	COMPUTER MAINT PERSONNEL (GRP066)	NAVIGATIONAL SYSTEMS MAINT PERSONNEL (GRP054)	VIDEO TEST STATION PERSONNEL (GRP037)	INDICATORS/ SERVOS TEST STATION PERSONNEL (GRP075)	DISPLAYS TEST STATION PERSONNEL (GRP065)
A ORGANIZING AND PLANNING	1	*	1	1	1	1	*
B DIRECTING AND IMPLEMENTING	1	1	1	1	1	1	1
C INSPECTING AND EVALUATING	2	1	1	1	1	1	1
D TRAINING	1	1	1	1	1	1	1
E MAKING ENTRIES ON FORMS AND RECORDS	12	9	8	8	9	7	13
F PERFORMING ADMINISTRATIVE, SUPPLY, AND GENERAL EQUIPMENT MAINTENANCE FUNCTIONS	7	6	6	5	5	5	10
G PERFORMING GENERAL F/FB-111 AVIONICS MAINTENANCE	17	15	15	14	13	11	17
H MAINTAINING F/FB-111 COMMON AUTOMATIC TEST EQUIPMENT	17	18	19	17	15	9	6
I MAINTAINING F/FB-111 CENTRAL PROCESSORS AND CONTROLLERS (CENPAC, 12A6830), MAGNETIC TAPE UNITS (MTU), AND TAPE READERS	*	*	4	3	1	*	*
J MAINTAINING F/FB-111 12A16805, 12A16846, 12A6876, AND 12A6886 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	3	38	10	2	2	15	1
K MAINTAINING F/FB-111 12A16803, 12A6873, AND 12A6883 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNITS	*	3	29	6	2	8	*
L MAINTAINING F/FB-111 12A6836, 12A6815, 12A6875, AND 12A6885 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNITS	2	1	1	1	37	1	4
M MAINTAINING F/FB-111 12A6868 AND 12A6888 TEST STATIONS AND LINE REPLACEABLE UNITS	1	1	*	2	*	*	9
N MAINTAINING F/FB-111 12A16802, 12A6872, AND 12A16882 TEST STATIONS, FLUID & PRESSURIZATION TEST STATIONS (65AN), & ASSIGNED LINE REPLACEABLE UNITS	33	*	3	3	1	1	5
O MAINTAINING F/FB-111 12A6825 AND 12A6895 TEST STATIONS & ASSIGNED LINE REPLACEABLE UNITS	*	1	*	*	7	38	*
P MAINTAINING F/FB-111 12A6863 TEST STATIONS, INERTIAL NAVIGATIONAL SYSTEM TEST AIDS (ITS), & ASSIGNED LINE REPLACEABLE UNITS	1	1	*	33	1	*	*
Q MAINTAINING LINE REPLACEABLE UNITS ASSIGNED TO F/FB-111 12A6887 TEST STATIONS AND INDICATOR DISPLAY SYSTEM MODULES	*	1	*	1	*	*	30
R MAINTAINING F-111D APQ-130 ATTACK RADAR SUBSYSTEM TEST STATION (SST) AND ASSIGNED LINE REPLACEABLE UNITS	2	2	*	*	1	*	1

* NOTES LESS THAN ONE PERCENT

TABLE 5 (CONTINUED)

DUTIES	TEST STATION AREA SUPVS (GRP111)	APQ-130 ATTACK RADAR SUBSYSTEM TEST STATION (SST) PERS (GRP071)	ATTITUDE & RATE TEST STATION PERSONNEL (GRP061)	CENPAC, MTU, & TAPE READER MAINT (GRP067)	SUPV AND MGMT PERS (GRP014)	SCHEDULING/ DIFM MONITORS (GRP091)	RES TECH SCHOOL INST (GRP026)
A ORGANIZING AND PLANNING	7	3	3	3	14	3	2
B DIRECTING AND IMPLEMENTING	8	2	1	2	16	8	2
C INSPECTING AND EVALUATING	11	2	1	3	22	9	1
D TRAINING	6	2	3	3	14	1	57
E MAKING ENTRIES ON FORMS AND RECORDS	9	11	19	10	12	45	5
F PERFORMING ADMINISTRATIVE, SUPPLY, AND GENERAL EQUIPMENT MAINTENANCE FUNCTIONS	10	13	12	9	11	34	7
G PERFORMING GENERAL F/FB-111 AVIONICS MAINTENANCE	12	24	19	12	6	*	4
H MAINTAINING F/FB-111 COMMON AUTOMATIC TEST EQUIPMENT	6	5	4	6	1	*	7
I MAINTAINING F/FB-111 CENTRAL PROCESSORS AND CONTROLLERS (CENPAC, 12A6830), MAGNETIC TAPE UNITS (MTU) AND TAPE READERS	2	*	3	44	*	*	*
J MAINTAINING F/FB-111 12A16805, 12A16846, 12A6876, AND 12A6886 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	9	9	31	*	*	*	4
K MAINTAINING F/FB-111 12A16803, 12A6873, AND 12A6883 TEST STATIONS & ASSIGNED LINE REPLACEABLE UNITS	3	*	*	2	1	*	4
L MAINTAINING F/FB-111 12A6836, 12A6815, 12A6875, & 12A6885 TEST STATIONS & ASSIGNED LINE REPLACEABLE UNITS	4	*	*	4	*	*	3
M MAINTAINING F/FB-111 12A6868 AND 12A6888 TEST STATIONS & LINE REPLACEABLE UNITS	1	*	*	*	*	*	*
N MAINTAINING F/FB-111 12A16802, 12A6872, AND 12A16882 TEST STATIONS, FLUID & PRESSURIZATION TEST STATIONS (65AN), AND ASSIGNED LINE REPLACEABLE UNITS	2	*	3	*	*	*	3
O MAINTAINING F/FB-111 12A6825 & 12A6895 TEST STATIONS & ASSIGNED LINE REPLACEABLE UNITS	2	*	*	*	*	*	*
P MAINTAINING F/FB-111 12A6863 TEST STATIONS, INERTIAL NAVIGATIONAL SYSTEM TEST AIDS (ITS), & ASSIGNED LINE REPLACEABLE UNITS	6	*	*	*	*	*	*
Q MAINTAINING LINE REPLACEABLE UNITS ASSIGNED F/FB-111 12A6887 TEST STATIONS & INDICATOR DISPLAY SYSTEM MOCKUPS	1	*	*	*	*	*	1
R MAINTAINING F-111D APQ-130 ATTACK RADAR SUBSYSTEM TEST STATION (SST) & ASSOCIATED LINE REPLACEABLE UNITS	2	28	*	*	*	*	*

*DENOTES LESS THAN ONE PERCENT

TABLE 6

BACKGROUND DATA FOR CLUSTERS AND INDEPENDENT JOB TYPES

	RECEIVER-TRANSMITTER-MODULATOR TEST STATION PERSONNEL (GRP083)	CONTROLS, SENSORS, INDICATORS, AND MODULES MAINTAINERS (GRP079)	COMPUTER MAINT PERSONNEL (GRP066)	NAVIGATIONAL SYSTEMS MAINT PERSONNEL (GRP054)	VIDEO TEST STATION PERSONNEL (GRP037)	INDICATORS/ SERVOS TEST STATION PERSONNEL (GRP075)	DISPLAYS TEST STATION PERSONNEL (GRP065)
NUMBER IN GROUP:	51	24	44	47	73	26	18
PERCENT OF SAMPLE:	11%	5%	10%	10%	16%	6%	4%
PERCENT LOCATED OVERSEAS:	29%	4%	52%	21%	40%	46%	-
DAFSC DISTRIBUTION							
32634A	24%	33%	16%	17%	25%	35%	33%
32654A	65%	67%	66%	70%	67%	54%	67%
32674	10%	-	18%	13%	8%	11%	-
NOT REPORTED	1%	-	-	-	-	-	-
AVERAGE GRADE:	E-4	E-3	E-4	E-4	E-4	E-4	E-3
AVERAGE MONTHS IN CAREER FIELD:	36	23	38	40	34	37	23
AVERAGE MONTHS IN SERVICE (TAFMS):	46	29	54	49	45	45	27
PERCENT IN FIRST ENLISTMENT:	78%	96%	71%	79%	74%	85%	100%
PERCENT MEMBERS SUPERVISING:	33%	25%	43%	37%	36%	23%	33%
AVERAGE NUMBER DIRECTLY SUPERVISED:	1	1	1	1	1	1	1
AVERAGE NUMBER OF TASKS PERFORMED:	96	122	109	131	128	156	94
JOB DIFFICULTY INDEX (JDI):	14.1	15.7	14.8	16.6	16.1	16.9	12.7
MAJCOM:							
ATC	-%	-%	-%	15%	-%	-%	-%
USAFE	30%	4%	55%	21%	40%	50%	-%
SAC	10%	8%	4%	26%	15%	39%	-%
TAC	59%	88%	41%	38%	45%	11%	100%

TABLE 6 (CONTINUED)

	TEST STATION AREA SUPVS (GRP111)	APQ-130 ATTACK RADAR SUBSYSTEM TEST STATION (SST) PERS (GRP071)	ATTITUDE & RATE TEST STATION PERSONNEL (GRP061)	CENPAC, MTU, & TAPE READER MAINT (GRP067)	SUPV AND MGMT PERS (GRP014)	SCHEDULING/ DIFM MONITORS (GRP091)	RES TECH SCHOOL INST (GRP026)
NUMBER IN GROUP:	9	7	8	24	60	5	14
PERCENT OF SAMPLE:	2%	2%	2%	5%	13%	1%	3%
PERCENT LOCATED OVERSEAS:	22%	14%	25%	29%	28%	-	
DAFSC DISTRIBUTION							
32634A	-	43%	25%	21%		20%	-
32654A	22%	57%	75%	71%	12%	60%	93%
32674	78%	-	-	8%	88%	20%	7%
NOT REPORTED	-	-	-	-	-	-	-
AVERAGE GRADE:	E-5	E-3	E-4	E-4	E-6	E-5	E-5
AVERAGE MONTHS IN CAREER FIELD:	89	17	29	42	92	37	54
AVERAGE MONTHS IN SERVICE (TAFMS):	115	31	33	48	173	83	80
PERCENT IN FIRST ENLISTMENT:	22%	86%	75%	66%	-	60%	29%
PERCENT MEMBERS SUPERVISING:	78%	29%	25%	50%	95%	40%	-
AVERAGE NUMBER DIRECTLY SUPERVISED:	14	2	1	3	10	2	-
AVERAGE NUMBER OF TASKS PERFORMED:	351	74	49	88	69	18	42
JOB DIFFICULTY INDEX (JDI):	21.6	11.9	7.9	12.1	9.1	1.0	7.5
MAJCOM:							
ATC	-%	-%	-%	-%	23%	-%	-%
USAFE	11%	14%	25%	33%	28%	-%	-%
SAC	11%	-%	-%	29%	12%	-%	-%
TAC	78%	86%	75%	38%	35%	100%	-%

TABLE 7

JOB SATISFACTION DATA FOR CLUSTERS AND INDEPENDENT JOB TYPES
(PERCENT MEMBERS RESPONDING)*

	RECEIVER-TRANSMITTER-MODULATOR TEST STATION PERSONNEL (GRP083)	CONTROLS, SENSORS, INDICATORS, AND MODULES MAINTAINERS (GRP079)	COMPUTER MAINT PERSONNEL (GRP066)	NAVIGATIONAL SYSTEMS MAINT PERSONNEL (GRP054)	VIDEO TEST STATION PERSONNEL (GRP037)	INDICATORS/ SERVOS TEST STATION PERSONNEL (GRP075)	DISPLAYS TEST STATION PERSONNEL (GRP065)
I FIND MY JOB:							
DULL	12	8	11	4	16	15	11
SO-SO	14	13	14	13	7	15	6
INTERESTING	74	79	75	81	77	69	83
MY JOB UTILIZES MY TALENTS:							
LITTLE OR NOT AT ALL	8	17	20	4	18	27	28
FAIRLY WELL TO VERY WELL	90	75	73	87	75	73	61
EXCELLENTLY TO PERFECTLY	2	8	7	9	7	-	11
MY JOB UTILIZES MY TRAINING:							
LITTLE OR NOT AT ALL	27	29	29	30	22	23	17
FAIRLY WELL TO VERY WELL	71	71	64	66	73	73	72
EXCELLENTLY TO PERFECTLY	2	-	7	4	5	4	11
I PLAN TO REENLIST:							
I WILL RETIRE	2	-	2	2	3	4	-
NO OR PROBABLY NO	59	71	59	60	67	58	61
YES OR PROBABLY YES	37	25	36	38	26	38	39

* SOME COLUMNS MAY NOT ADD UP TO 100 PERCENT DUE TO NO RESPONSE

TABLE 7 (CONTINUED)

	TEST STATION AREA SUPVS (GRP111)	APQ-130 ATTACK RADAR SUBSYSTEM TEST STATION (SST) PERS (GRP071)	ATTITUDE & RATE TEST STATION PERSONNEL (GRP061)	CENPAC, MTU, & TAPE READER MAINT (GRP067)	SUPV AND MGMT PERS (GRP014)	SCHEDULING/ DIFM MONITORS (GRP091)	RES TECH SCHOOL INST (GRP026)
I FIND MY JOB:							
DULL	-	-	25	12	10	-	7
SO-SO	11	-	12	12	23	20	14
INTERESTING	89	100	62	75	65	80	79
MY JOB UTILIZES MY TALENTS:							
LITTLE OR NOT AT ALL	33	-	25	8	23	80	29
FAIRLY WELL TO VERY WELL	45	43	75	75	62	-	50
EXCELLENTLY TO PERFECTLY	22	57	-	17	13	20	21
MY JOB UTILIZES MY TRAINING:							
LITTLE OR NOT AT ALL	56	14	37	17	28	60	28
FAIRLY WELL TO VERY WELL	44	72	62	75	60	40	43
EXCELLENTLY TO PERFECTLY	-	14	-	8	10	-	28
I PLAN TO REENLIST:							
I WILL RETIRE	-	-	-	-	28	20	-
NO OR PROBABLY NO	11	71	62	62	17	80	29
YES OR PROBABLY YES	89	29	37	37	53	-	71

* SOME COLUMNS MAY NOT ADD UP TO 100 PERCENT DUE TO NO RESPONSE

TABLE 8

JOB DIFFICULTY INDICES FOR CAREER LADDER GROUPS

GROUP		ATDPUTS*	NUMBER OF TASKS PERFORMED	JOB DIFFICULTY INDEX
I.	TEST STATION AREA SUPERVISORS (GRP111)	4.8	352	21.6
II.	INDICATORS/SERVOS TEST STATION PERSONNEL (GRP075)	4.7	156	16.9
	a. 12A6895 and 12A6875 Test Station Personnel (GRP217)	4.8	150	17.1
	b. 12A6895, 12A6876, and 12A6873 Test Station Personnel (GRP204)	4.8	203	20.2
	c. 126825 Test Station Personnel (GRP128)	4.5	89	11.4
III.	NAVIGATIONAL SYSTEMS MAINTENANCE PERSONNEL (GRP054)	5.0	131	16.6
	a. Consolidated Maintenance Squadron Personnel (GRP105)	5.2	182	20.9
	b. 12A6863 Test Station Personnel (GRP068)	4.9	121	15.7
IV.	VIDEO TEST STATION PERSONNEL (GRP037)	4.9	128	16.1
	a. 12A6885, 12A6815, and 12A6825 Test Station Personnel (GRP189)	4.9	175	19.1
	b. Senior 12A6875 Test Station Personnel (GRP140)	5.0	169	19.1
	c. 12A6815 Test Station Personnel (GRP157)	5.0	93	14.1
	d. Junior 12A6875 Test Station Personnel (GRP168)	5.0	87	13.7
	e. 12A6885 Test Station Personnel (GRP097)	4.9	92	13.5
V.	CONTROLS, SENSORS, INDICATORS AND MODULES MAINTAINERS (GRP079)	4.9	122	15.7
	a. 12A6886 Test Station Personnel (GRP119)	4.9	149	17.8
	b. 12A6846 Test Station Personnel (GRP130)	4.8	84	12.7
VI.	COMPUTER MAINTENANCE PERSONNEL (GRP066)	4.9	109	14.8
	a. Central Processors and Controllers (CENPAC) and 12A16803 Computer Test Station Personnel (GRP183)	5.0	149	18.2
	b. 12A16803 and 12A16846 Test Station Personnel (GRP161)	4.9	112	15.1
	c. 12A6873 Test Station Personnel (GRP084)	5.0	105	15.0
	d. Junior Test Station Personnel (GRP117)	4.6	67	10.3
VII.	RECEIVER-TRANSMITTER-MODULATOR TEST STATION PERSONNEL (GRP083)	4.9	96	14.1
	a. 12A16882 Test Station Personnel (GRP099)	5.0	102	15.1
	b. 12A6872 Test Station Personnel (GRP244)	4.9	99	14.2
	c. 12A16802 Test Station Personnel (GRP236)	4.9	99	14.0

TABLE 8 (CONTINUED)

GROUP		ATDPUTS*	NUMBER OF TASKS PERFORMED	JOB DIFFICULTY INDEX
VII.	CENPAC, MTU, AND TAPE READER MAINTAINERS (GRP067)	4.9	88	13.1
	a. CENPAC Supervisors (GRP159)	4.7	110	14.0
	b. CENPAC Maintainers (GRP137)	4.9	66	11.3
IX.	DISPLAYS TEST STATION PERSONNEL (GRP065)	4.7	94	12.7
X.	APQ-130 ATTACK RADAR SUBSYSTEM TEST STATION (SST) PERSONNEL (GRP071)	4.8	79	11.9
XI.	SUPERVISION AND MANAGEMENT PERSONNEL (GRP014)	4.4	69	9.1
	a. Shop NCOICs (GRP116)	4.5	82	10.9
	b. Shift Supervisors (GRP077)	4.5	73	9.7
	c. Instructor Supervisors (GRP049)	4.2	60	7.5
XII.	ATTITUDE AND RATE TEST STATION PERSONNEL (GRP061)	4.5	49	7.9
XIII.	RESIDENT TECHNICAL SCHOOL INSTRUCTORS (GRP026)	4.6	42	7.5
XIV.	SCHEDULING/DUE-IN FROM MAINTENANCE (DIFM) MONITORS (GRP091)	3.6	18	1.0

*ATDPUTS = AVERAGE TASK DIFFICULTY PER UNIT TIME SPENT

ANALYSIS OF DAFSC GROUPS

In conjunction with the identification and analysis of the job structure of the 326X4 career ladder, 3-, 5-, and 7-skill level groups within the survey sample were also examined. This analysis revealed similarities and differences between these groups in relation to the tasks they performed and the relative percentage of time they spent on particular duties. This information may also be useful in determining the accuracy of career ladder documents, such as the AFR 39-1 Specialty Descriptions and the Specialty Training Standard (STS).

As personnel progress through the 326X4 specialty, these individuals typically spend less time maintaining test stations and LRUs, and increasingly greater percentages of their job time on supervisory and managerial functions (see Table 9). Such a trend reflects a common personnel utilization and progression pattern. While this table indicates that the change in emphasis is fairly sharp, there are some commonalities between the groups. For example, nearly all incumbents spend approximately the same percentage of their time making necessary entries on forms and records or performing administrative, supply, and general equipment maintenance functions, regardless of the skill level held.

Overall, the responsibilities of the 3- and 5-skill level incumbents are very similar. Both of these groups have a primarily technically oriented job, with over 81 percent (DAFSC 32634A) and 68 percent (DAFSC 32654A) of their time devoted to the maintenance and testing of avionics equipment. As a result, these personnel are well distributed among the different varieties of stations (reference Table 10), although the Video Test Station Personnel account for the largest single concentration of respondents in both skill levels. In general, no major task differences were noted between the two groups although, as demonstrated by Table 11, slightly larger percentages of personnel holding the 32654A AFSC performed some supervisory tasks and maintenance functions on some types of common automatic test equipment such as micrologic power supply SRUs and TRUs.

In comparison, most incumbents holding a 7-skill level and working with A-shred individuals, are predominantly involved with performing supervisory and managerial duties, although some of these individuals were also found in technically oriented job groups. (See the CAREER LADDER STRUCTURE Section of this report.) Their job often focuses around such tasks as supervising and counseling subordinates, evaluating compliance with performance standards, and reviewing or writing correspondence. As demonstrated by Table 12, these tasks most clearly differentiate this group from the 5-skill level respondents. Lower percentages of airmen holding the 32674 AFSC were also noted to perform such general maintenance tasks as inspecting and cleaning test station filters, removing or replacing test station light bulbs, fuses, and other minor hardware, or removing or replacing LRU pins or connectors. In contrast to other groups, these respondents, as a group, reported spending approximately only 28 percent of their job time on maintenance tasks, but devoted approximately equal amounts of time to making entries on records and performing other administrative and supply functions as both the 3- and 5-skill level individuals.

Summary

Members of the 3- and 5-skill level groups spend the majority of their time performing general maintenance tasks, maintaining F/FB-111 test stations, and testing or maintaining avionics equipment and components. These respondents, similar to their 7-skill level counterparts, are also responsible for annotating and making entries on such records as AFTO Form 95 (Significant Historical Data), AFTO Form 349 (Maintenance Data Collection Record) and AFTO Form 350 (Reparable Item Processing Tag). Conversely, the job of incumbents holding a 32674 AFSC has a supervisory emphasis. The change in orientation between the 5- and 7-skill level jobs is fairly sharp, although the more senior groups also spends substantial percentages of their time on some technical tasks.

TABLE 9

RELATIVE PERCENTAGE OF TIME SPENT ON DUTIES BY DAFSC GROUPS

DUTIES		DAFSC 32634A (N=82)	DAFSC 32654A (N=268)	DAFSC 32674 (N=106)
A	ORGANIZING AND PLANNING	*	2	10
B	DIRECTING AND IMPLEMENTING	*	2	12
C	INSPECTING AND EVALUATING	*	3	18
D	TRAINING	*	5	9
E	MAKING ENTRIES ON FORMS AND RECORDS	11	11	11
F	PERFORMING ADMINISTRATIVE, SUPPLY, AND GENERAL EQUIPMENT MAINTENANCE FUNCTIONS	8	9	9
G	PERFORMING GENERAL F/FB-111 AVIONICS MAINTENANCE	15	13	8
H	MAINTAINING F/FB-111 COMMON AUTOMATIC TEST EQUIPMENT	13	12	5
I	MAINTAINING F/FB-111 CENTRAL PROCESSORS AND CONTROLLERS (CENPAC, 12A6830) MAGNETIC TAPE UNITS (MTU), AND TAPE READERS	4	4	1
J	MAINTAINING F/FB-111 12A16805, 12A16846, 12A6876, AND 12A6886 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	9	7	3
K	MAINTAINING F/FB-111 12A16803, 12A6873, AND 12A6883 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	4	6	3
L	MAINTAINING F/FB-111 12A6836, 12A6815, 12A6875, AND 12A6885 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNITS	11	8	2
M	MAINTAINING F/FB-111 12A6868 AND 12A6888 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNITS	1	1	*
N	MAINTAINING F/FB-111 12A16802, 12A6872, AND 12A16882 TEST STATIONS, FLUID AND PRESSURIZATION TEST STATIONS (65AN), AND ASSIGNED LINE REPLACEABLE UNITS	9	6	2
O	MAINTAINING F/FB-111 12A6825 AND 12A6895 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNITS	6	3	2
P	MAINTAINING F/FB-111 12A6863 TEST STATIONS, INERTIAL NAVIGATIONAL SYSTEM TEST AIDS (ITS), AND ASSIGNED LINE REPLACEABLE UNITS	4	5	2
Q	MAINTAINING LINE REPLACEABLE UNITS ASSIGNED TO F/FB-111 12A6887 TEST STATIONS AND INDICATOR DISPLAY SYSTEM MOCKUPS	3	2	*
R	MAINTAINING F-111D APQ-130 ATTACK RADAR SUBSYSTEM TEST STATION (SST) AND ASSIGNED REPLACEABLE UNITS	2	1	*

* DENOTES LESS THAN ONE PERCENT

TABLE 10

DAFSC DISTRIBUTION ACROSS JOB GROUPS
(NUMBER RESPONDING)

JOB GROUPS	DAFSC 32634A (N=79)	DAFSC 32654A (N=238)	DAFSC 32674 (N=92)
RECEIVER-TRANSMITTER-MODULATOR TEST STATION PERSONNEL	12	33	5
CONTROLS, SENSORS, INDICATORS, AND MODULES MAINTAINERS	8	16	-
COMPUTER MAINTENANCE PERSONNEL	7	29	8
NAVIGATIONAL SYSTEMS MAINTENANCE PERSONNEL	8	33	6
VIDEO TEST STATION PERSONNEL	18	49	6
INDICATORS/SERVOS TEST STATION PERSONNEL	9	14	3
DISPLAYS TEST STATION PERSONNEL	6	12	-
TEST STATION AREA SUPERVISORS	-	2	7
ATTACK RADAR SUBSYSTEM TEST STATION (SST) PERSONNEL	3	4	-
ATTITUDE AND RATE TEST STATION PERSONNEL	2	6	-
CENPAC, MTU, AND TAPE READER MAINTAINERS	5	17	2
SUPERVISION AND MANAGEMENT PERSONNEL	-	7	53
SCHEDULING/DIFM MONITORS	1	3	1
RESIDENT TECHNICAL SCHOOL INSTRUCTORS	-	13	1

TABLE 11

TASKS WHICH BEST DIFFERENTIATE DAFSCs 32634A AND 32654A PERSONNEL
(PERCENT MEMBERS PERFORMING)

TASKS		DAFSC 32634A (N=82)	DAFSC 32654A (N=268)	DIFFERENCE
D96	DEMONSTRATE HOW TO LOCATE TECHNICAL INFORMATION	5	45	-40
D92	CONDUCT OJT	2	37	-35
B44	SUPERVISE APPRENTICE INTEGRATED AVIONICS COMPUTERIZED TEST STATION AND COMPONENT SPECIALISTS (F/FB-111) (AFSC 32634A)	1	31	-30
D95	COUNSEL TRAINEES ON TRAINING PROGRESS	-	30	-30
E136	MAKE ENTRIES ON SYSTEM/EQUIPMENT STATUS RECORD (AFTO FORM 244 OR 245)	33	57	-24
H224	ALIGN F/FB-111 LOGIC POWER SUPPLY TESTER REPLACEABLE UNITS (TRU)	38	58	-20
G187	INSPECT F/FB-111 EQUIPMENT FOR CURRENT CALIBRATION DATES	34	54	-20
H225	ALIGN F/FB-111 MICROLOGIC POWER SUPPLY TRUs	40	60	-20
H244	REMOVE OR REPLACE F/FB-111 INDIVIDUAL POWER SUPPLIES OF MICROLOGIC POWER SUPPLY TRUs	39	57	-18
H245	REMOVE OR REPLACE F/FB-111 INDIVIDUAL POWER SUPPLIES OF LOGIC POWER SUPPLY TRUs	40	56	-16
H246	REMOVE OR REPLACE F/FB-111 MICROLOGIC POWER SUPPLY SRUs	40	55	-15
H253	REMOVE OR REPLACE F/FB-111 TEST POINT CONTROLLER OR STIMULUS CONTROLLER SRUs	49	63	-14

TABLE 12

TASKS WHICH BEST DIFFERENTIATE DAFSCs 32654A AND 32674 PERSONNEL
(PERCENT MEMBERS PERFORMING)

TASKS		DAFSC 32654A (N=268)	DAFSC 32674 (N=106)	DIFFERENCE
G185	INSPECT AND CLEAN F/FB-111 TEST STATION FILTERS	73	34	+39
H235	ISOLATE MALFUNCTIONS IN F/FB-111 STIMULUS CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	71	34	+37
H236	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	71	34	+37
G218	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST EQUIPMENT LIGHT BULBS, FUSES, OR MINOR HARDWARE	80	43	+37
H237	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT OR STIMULUS RELAY CANS USING MANUAL PROGRAMMING AND SCHEMATICS	70	34	+36
G214	REMOVE OR REPLACE F/FB-111 LRU PINS OR CONNECTORS	74	39	+35
H230	ISOLATE MALFUNCTIONS IN F/FB-111 MICROLOGIC POWER SUPPLY TRUs USING SCHEMATICS	64	30	+34
G217	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST PACKAGE PINS OR CONNECTORS	72	38	+34
H226	ISOLATE MALFUNCTIONS IN F/FB-111 BINARY DATA REGISTER-ROUTERS USING MAINTENANCE TAPE	63	29	+34
G213	REMOVE OR REPLACE F/FB-111 LRU MINOR HARDWARE	72	39	+33
H229	ISOLATE MALFUNCTIONS IN F/FB-111 DATACs USING SCHEMATICS	65	32	+33
H228	ISOLATE MALFUNCTIONS IN F/FB-111 COUNTER TIMERS USING SCHEMATICS	67	34	+33
C63	EVALUATE INDIVIDUALS FOR RECOGNITION	7	65	-58
C80	PREPARE APRs	28	83	-55
C81	REVIEW CORRESPONDENCE	3	54	-51
B51	WRITE CORRESPONDENCE	6	57	-51
C57	ENDORSE AIRMAN PERFORMANCE REPORTS (APR)	9	58	-49
C68	EVALUATE COMPLIANCE WITH PERFORMANCE STANDARDS	8	56	-48
A3	COORDINATE JOB REQUIREMENTS WITH OTHER SECTIONS	11	57	-46
A26	SCHEDULE TEMPORARY DUTY, LEAVES, OR PASSES	3	47	-44
C83	REVIEW MAINTENANCE DATA COLLECTION RECORD (AFTO FORM 349)	18	61	-43
A17	PARTICIPATE IN MEETINGS, SUCH AS STAFF MEETINGS, BRIEFINGS, CONFERENCES, OR WORKSHOPS	15	58	-43
B29	COUNSEL PERSONNEL ON PERSONAL OR MILITARY RELATED MATTERS	19	61	-42
B49	SUPERVISE INTEGRATED AVIONICS COMPUTERIZED TEST STATION AND COMPONENT TECHNICIANS (32674)	1	43	-42

COMPARISON OF SURVEY DATA TO AFR 39-1 SPECIALTY DESCRIPTIONS

A comparison was made between the survey data and the specialty descriptions for the 326X4 career ladder as outlined in AFR 39-1. These documents were written to provide a broad description of the functions commonly performed by personnel within all three shreds of the specialty.

Overall, survey data indicates that the current AFR 39-1 job descriptions give a very complete overview of the general responsibilities and duties of incumbents in the field.

ANALYSIS OF EXPERIENCE (TAFMS) GROUPS

Members of the 326X4A career ladder were also examined by TAFMS groups to determine how personnel utilization patterns change as a function of experience. Illustrated in Table 13, as incumbents progress through the specialty, increasing amounts of job time are spent on supervisory and administrative functions. This increase is fairly rapid. While first-term respondents indicated spending only approximately 25 percent of their time on such tasks, by their second enlistment incumbents typically spend almost half of their total job time (44 percent) in support of these duties. At this point, greater percentages of group members begin to perform such tasks as supervising or counseling subordinates and preparing APRs. Personnel in the specialty, though, still continue to devote substantial amounts of time to the maintenance of F/FB-111 test stations and LRUs throughout the third enlistment (97-144 months TAFMS).

Job Satisfaction

Table 14 reflects the expressed job interest, perceived utilization of talents and training, and reenlistment intentions of first enlistment (1-48 months), second enlistment (49-96 months), and career (97+ months) personnel. Generally, job satisfaction among 326X4A respondents in the 1-48 month and 49-96 month groups was higher than those of corresponding groups in a comparative sample composed of a number of AFSCs in the Mission Equipment Maintenance area. Responses from members in the career group and the reenlistment intentions of all three experience groups were similar to the results collected from individuals in the comparative sample.

Comparisons were also made between shreds of the 326X4 specialties. As demonstrated in Table 15, while job satisfaction tended to be higher among C shred individuals for each group on nearly all indices, A and B shred members in the career group gave very similar responses. Overall, perceived utilization of talents and training, and reenlistment intentions are often lower for 326X4B incumbents in the 1-48 months and 49-96 month groups.

First-Enlistment Personnel

The job of first-enlistment individuals is primarily technical in the 326X4 career ladder. Respondents in this group spend over 75 percent of their job time maintaining test stations and LRUs, and performing general maintenance tasks. They are responsible for basically the same full range of technical activities as more senior incumbents although lower percentages of first term personnel perform quality assurance (QA) and quality control (QC) inspections of test stations and LRUs. Greater percentages of these airmen also commonly are involved with general maintenance tasks such as performing foreign object damage (FOD) prevention walks and removing or replacing solderless circuit card components. Figure 2 lists the distribution of these members across the identified job groupings. As shown, first-enlistment personnel are divided fairly evenly among every technically oriented job group, reflecting the wide range of tasks performed by these incumbents.

TABLE 13

RELATIVE TIME SPENT ON DUTIES BY TAFMS GROUPS

DUTIES	MONTHS TAFMS 1-48 (N=282)	49-96 (N=59)	97-144 (N=39)	145-192 (N=37)	193-240 (N=31)	241+ (N=7)
A ORGANIZING AND PLANNING	1	4	4	11	12	21
B DIRECTING AND IMPLEMENTING	1	4	7	13	14	22
C INSPECTING AND EVALUATING	2	4	8	18	25	28
D TRAINING	2	10	15	8	10	8
E MAKING ENTRIES ON FORMS AND RECORDS	11	12	10	12	9	9
F PERFORMING ADMINISTRATIVE SUPPLY AND GENERAL EQUIPMENT MAINTENANCE FUNCTIONS	8	10	8	12	10	9
G PERFORMING GENERAL F/FB-111 AVIONICS MAINTENANCE	14	12	12	8	6	3
H MAINTAINING F/FB-111 COMMON AUTOMATIC TEST EQUIPMENT	13	9	10	5	2	-
I MAINTAINING F/FB-111 CENTRAL PROCESSORS AND CONTROLLERS (CENPAC, 12A6830) MAGNETIC TAPE UNITS (MTU), AND TAPE READERS	4	4	1	1	1	*
J MAINTAINING F/FB-111 12A16805, 12A16846, 12A6876, AND 12A6886 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	8	6	3	2	2	*
K MAINTAINING F/FB-111 12A16803, 12A6873, AND 12A6883 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	6	6	6	2	2	-
L MAINTAINING F/FB-111 12A6836, 12A6815, 12A6875, AND 12A6885 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	9	8	6	2	1	-
M MAINTAINING F/FB-111 12A6868 AND 12A6888 TEST STATIONS AND LINE REPLACEABLE UNITS (LRU)	1	*	-	*	*	-
N MAINTAINING F/FB-111 12A16802, 12A6872, AND 12A16882 TEST STATIONS, FLUID AND PRESSURIZATION (65AN), AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	7	4	3	1	2	-
O MAINTAINING F/FB-111 12A6825 AND 12A6895 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	5	3	2	1	2	-
P MAINTAINING F/FB-111 12A6863 TEST STATIONS INERTIAL NAVIGATIONAL SYSTEM TEST AIDS (ITS), AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	5	2	4	2	*	-
Q MAINTAINING LINE REPLACEABLE UNITS (LRU) ASSIGNED TO F/FB-111 12A6887 TEST STATIONS AND INDICATOR DISPLAY SYSTEM MOCKUPS	2	1	*	*	*	-
R MAINTAINING F-111D APQ-130 ATTACK RADAR SUBSYSTEM TEST STATION (SST) AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	1	1	*	*	*	-

*DENOTES LESS THAN ONE PERCENT

TABLE 14

JOB SATISFACTION DATA FOR TAFMS GROUPS
(PERCENT MEMBERS RESPONDING)*

	1-48 MONTHS		49-96 MONTHS		97+ MONTHS	
	326X4A RESPONDENTS (N=282)	1980 COMPARATIVE SAMPLE (N=1,374)	326X4A RESPONDENTS (N=59)	1980 COMPARATIVE SAMPLE (N=853)	326X4A RESPONDENTS (N=114)	1980 COMPARATIVE SAMPLE (N=1,426)
I FIND MY JOB:						
DULL	11	24	12	17	11	14
SO-SO	12	20	19	22	18	16
INTERESTING	77	56	69	61	70	70
NOT REPORTED	-	-	-	-	1	-
MY JOB UTILIZES MY TALENTS:						
NOT AT ALL TO VERY LITTLE	17	37	17	31	19	24
FAIRLY WELL TO VERY WELL	75	58	78	62	65	61
EXCELLENTLY TO PERFECTLY	8	5	5	7	15	15
NOT REPORTED	-	-	-	-	1	-
MY JOB UTILIZES MY TRAINING:						
NOT AT ALL TO VERY LITTLE	26	30	24	28	29	25
FAIRLY WELL TO VERY WELL	69	62	68	63	60	59
EXCELLENTLY TO PERFECTLY	5	7	8	8	10	15
NOT REPORTED	-	1	-	1	1	1
I PLAN TO REENLIST:						
NO OR PROBABLY NO	70	66	56	51	35	32
YES OR PROBABLY YES	28	33	44	48	64	67
NOT REPORTED	2	1	-	1	1	1

*THESE FIGURES ALSO INCLUDE DAFSC 32674 PERSONNEL CURRENLY ASSIGNED WITH A SHRED INDIVIDUALS COMPARATIVE SAMPLE TAKEN FORM ALL MISSION EQUIPMENT MAINTENANCE SPECIALTIES SURVEYED IN 1980; INCLUDES AFSCs 30XXX, 31XXX, 32XXX, 34XXX, 36XXX, 40XXX, 42XXX, 43XXX, AND 46XXX

TABLE 15

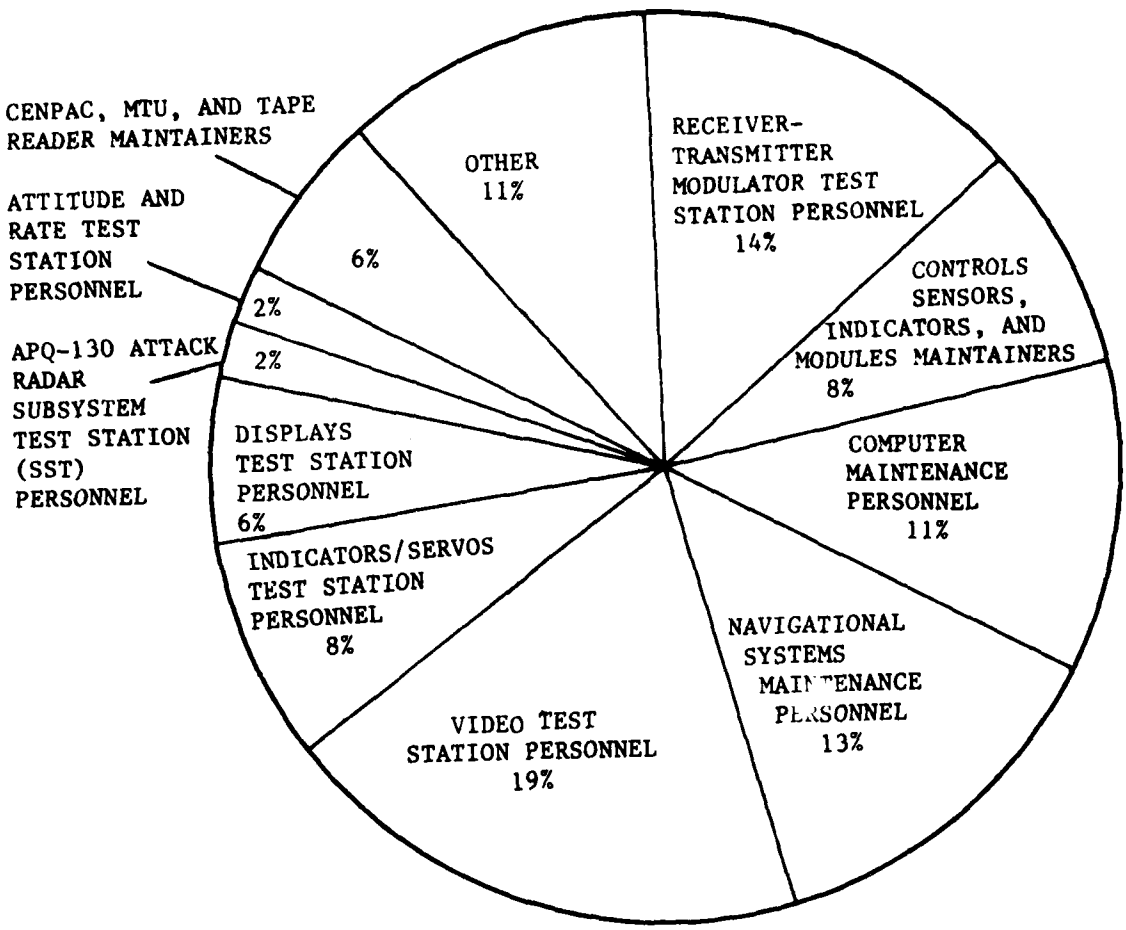
JOB SATISFACTION BY 326X4X SHRED
(PERCENT MEMBERS RESPONDING)*

	1-48 MONTHS			49-96 MONTHS			97+ MONTHS		
	326X4A RESPONDENTS (N=282)	326X4B RESPONDENTS (N=151)	326X4C RESPONDENTS (N=48)	326X4A RESPONDENTS (N=59)	326X4B RESPONDENTS (N=48)	326X4C RESPONDENTS (N=56)	326X4A RESPONDENTS (N=114)	326X4B RESPONDENTS (N=65)	326X4C RESPONDENTS (N=71)
I FIND MY JOB:									
DULL	11	10	6	12	19	9	11	15	8
SO-SO	12	17	13	19	19	7	18	11	13
INTERESTING	77	73	81	69	60	84	70	72	79
NOT REPORTED	-	-	-	-	2	-	1	2	-
MY JOB UTILIZES MY TALENTS:									
NOT AT ALL TO VERY LITTLE	17	25	17	17	29	14	19	22	15
FAIRLY WELL TO VERY WELL	75	71	71	78	65	77	65	59	75
EXCELLENTLY TO PERFECTLY	8	4	12	5	4	9	15	19	10
NOT REPORTED	-	-	-	-	2	-	1	1	-
MY JOB UTILIZES MY TRAINING:									
NOT AT ALL TO VERY LITTLE	26	21	13	24	33	9	29	28	18
FAIRLY WELL TO VERY WELL	69	74	79	68	61	80	60	63	75
EXCELLENTLY TO PERFECTLY	5	5	8	8	6	11	10	9	7
NOT REPORTED	-	-	-	-	-	-	1	-	-
I PLAN TO REENLIST:									
I WILL RETIRE	-	-	-	-	-	-	25	29	15
NO OR PROBABLY NO	70	72	58	56	71	54	10	17	13
YES OR PROBABLY YES	28	26	42	44	29	46	64	54	72
NOT REPORTED	2	2	-	-	-	-	1	-	-

*THESE FIGURES ALSO INCLUDE DAFSC 32674 PERSONNEL CURRENTLY ASSIGNED WITH A, B, AND C SHRED INDIVIDUALS

FIGURE 2

DISTRIBUTION OF FIRST ENLISTMENT PERSONNEL ACROSS CAREER LADDER JOBS
(PERCENT MEMBERS RESPONDING)
(N=282)



TRAINING ANALYSIS

Training Emphasis and Task Difficulty Data

Training emphasis and task difficulty data were collected from experienced 326X4 personnel for each task within the current job inventory. Thirty-nine senior incumbents provided the training emphasis ratings which give useful information on the structured training needs of the specialty as perceived by individuals within the AFSC. These assessments produced an average rating of 2.07, with a standard deviation of 1.18. Task difficulty data were collected from a total of 31 respondents. These ratings provide an assessment of the relative degree of difficulty of each individual task as compared with all other tasks within the inventory. Results were then standardized so items of average difficulty have a rating of 0 and a standard deviation of 1.0. The objective of this procedure is to develop an ordered listing of those items which should be considered for training. The Task Factor Administration section in the INTRODUCTION provides a more detailed explanation of both types of data. Complete lists of inventory items either in the order of relative task difficulty or training emphasis are included in the Analysis Extract.

Table 16 lists examples of those tasks which have been rated above average in both training emphasis and task difficulty. As this table shows, tasks having high ratings in both areas and being performed by relatively large percentages of personnel typically involved maintaining common automatic test equipment. Most items concerned isolating malfunctions in such equipment as stimulus controllers and relays, counter timers, and micrologic power supply tester replaceable units (TRU) as well as aligning micrologic and logic power supply TRUs. Generally, the majority of first-enlistment personnel performed these types of general maintenance functions. A number of other tasks were also given above average ratings in both areas. These primarly involved isolating malfunctions in test stations using methods such as maintenance tests, test equipment, and schematics, through interconnects of an installed LRU, or using diagnostic tapes only. Many of these tasks also involved aligning equipment such as MTU capstans, teletypewriters, and terrain following computers. Because the majority of these tasks were specific to individual types of test stations; fairly small percentages of first-enlistment incumbents usually performed them due to the large amount of test station specialization which is common. Overall, this seems to be a reflection of the large amount of specialization prevalent among members of the career ladder.

Many items were also rated high in training emphasis and below average in task difficulty. Most of these functions were related to making entries on forms and records, performing administrative, supply, and general equipment maintenance functions, and performing general avionics maintenance. Commonly included were such tasks as making entries on Maintenance Data Collection Record (AFTO Form 349), researching microfiche for part information, and inventorying test stations, cabinets, rollaways, simulators, or mockups. As shown by these high ratings, because the majority of first-term personnel are required to perform such tasks, senior career ladder respondents feel they are important to be trained even though as compared to other tasks within the inventory, they are not considered difficult to learn.

Similarily, Table 17 provides a list of tasks which have been rated below average in both training emphasis and task difficulty. As this table illustrates, many of these items are often performed by less than 10 percent of first-enlistment members. These tasks usually involve assigning personnel to positions, updating or verifying listings, and removing or replacing a number of SRUs and components associated with the 12A6825 and 12A6895 test stations.

TABLE 16

EXAMPLES OF TASKS RATED ABOVE AVERAGE IN TRAINING EMPHASIS AND TASK DIFFICULTY BY 326X4 PERSONNEL

TASKS		TRAINING* EMPHASIS	PERCENT OF 1-48 MONTHS TAFMS MEMBERS PERFORMING (N=282)	TASK DIFFICULTY
H235	ISOLATE MALFUNCTIONS IN F/FB-111 STIMULUS CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	7.13	74	6.94
H236	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	6.87	74	6.95
H237	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT OR STIMULUS RELAY CANS USING MANUAL PROGRAMMING AND SCHEMATICS	6.87	73	6.90
H228	ISOLATE MALFUNCTIONS IN F/FB-111 COUNTER TIMERS USING SCHEMATICS	6.74	67	7.42
H230	ISOLATE MALFUNCTIONS IN F/FB-111 MICROLOGIC POWER SUPPLY TRUs USING SCHEMATICS	6.31	66	7.20
H232	ISOLATE MALFUNCTIONS IN F/FB-111 PROGRAMMABLE PULSE GENERATORS (PPG) USING MAINTENANCE TAPES	6.18	43	6.74
H234	ISOLATE MALFUNCTIONS IN F/FB-111 PPGs USING FRONT PANEL CONTROLS AND SCHEMATICS	6.13	40	7.10
H229	ISOLATE MALFUNCTIONS IN F/FB-111 DATACs USING SCHEMATICS	6.10	67	7.49
H233	ISOLATE MALFUNCTIONS IN F/FB-111 PPGs USING MANUAL PROGRAMMING	5.97	38	6.83
H227	ISOLATE MALFUNCTIONS IN F/FB-111 COUNTER TIMERS USING MAINTENANCE TAPE	5.90	67	6.89
G184	FABRICATE OR REBUILD F/FB-111 AVIONICS CABLES	5.74	51	6.02
H226	ISOLATE MALFUNCTIONS IN F/FB-111 BINARY DATA REGISTER-ROUTERS (DATAC) USING MAINTENANCE TAPE	5.74	66	7.13
H231	ISOLATE MALFUNCTIONS IN F/FB-111 PHASE SENSITIVE CONVERTER RATIO TRANSFORMERS (PSCRT) USING MAINTENANCE TAPES	5.54	47	6.54
H238	ISOLATE MALFUNCTIONS WITHIN F/FB-111 INDIVIDUAL POWER SUPPLIES OF MICROLOGIC POWER SUPPLY TRUs	5.33	51	6.76
H239	ISOLATE MALFUNCTIONS WITHIN F/FB-111 INDIVIDUAL POWER SUPPLIES OF LOGIC POWER SUPPLY TRUs	5.18	50	6.80
H225	ALIGN F/FB-111 MICROLOGIC POWER SUPPLY TRUs	5.15	57	6.04
H224	ALIGN F/FB-111 LOGIC PWER SUPPLY TESTER REPLACEABLE UNITS (TRU)	5.05	56	6.00
I265	ISOLATE MALFUNCTIONS IN F/FB-111 CENPACs USING DIAGNOSTIC TAPES AND SCHEMATICS	5.03	14	7.09
L481	ISOLATE MALFUNCTIONS IN F/FB-111 12A6815 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	4.00	8	7.11

TABLE 16 (CONTINUED)

TASKS		TRAINING* EMPHASIS	PERCENT OF 1-48 MONTHS TAFMS MEMBERS PERFORMING (N=282)	TASK DIFFICULTY
J338	ISOLATE MALFUNCTIONS IN F/FB-111 12A16876 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	3.97	10	6.99
K410	ISOLATE MALFUNCTIONS IN F/FB-111 12A6873 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	3.67	9	6.94
N578	ISOLATE MALFUNCTIONS IN F/FB-111 12A16802 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	3.56	9	6.72
P726	ISOLATE MALFUNCTIONS IN F/FB-111 12A6863 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	3.97	14	6.56
Q766	ISOLATE MALFUNCTIONS IN F/FB-111 12A6887 TEST STATIONS THROUGH INTERCONEECTS OF AN INSTALLED LRU	3.26	6	6.35

* AVERAGE TRAINING EMPHASIS IS 2.07 WITH A STANDARD DEVIATION OF 1.18 AVERAGE TASK DIFFICULTY IS 5.00 WITH A STANDARD DEVIATION OF 1.00

TABLE 17

EXAMPLES OF TASKS RATED BELOW AVERAGE IN TRAINING EMPHASIS AND TASK DIFFICULTY BY 326X4 PERSONNEL

TASKS		TRAINING* EMPHASIS	PERCENT OF 1-48 MONTHS TAFMS MEMBERS PERFORMING (N=282)	TASK DIFFICULTY
F170	UPDATE INITIAL SPARES SUPPORT LISTS (ISSL)	.00	1	3.70
D91	ASSIGN RESIDENT COURSE INSTRUCTORS	.00	1	3.25
F152	MAINTAIN VECHICLE CONTROL LOGS	.08	1	3.08
E132	MAKE ENTRIES ON SCHEDULE OF TECHNICIAN AVAILABILTY (AF FORM 2446)	.18	3	2.66
D89	ADMINISTER TESTS	.18	2	2.37
E123	MAKE ENTRIES ON MAINTENANCE PREPLAN (AF FORM 2406)	.21	1	3.20
A17	PARTICIPATE IN MEETINGS, SUCH AS STAFF MEETINGS, BRIEFINGS, CONFERENCES, OR WORKSHOPS	.21	12	3.79
F172	UPDATE MASTER IDENTIFICATION (ID) LISTINGS	.23	3	3.81
A2	ASSIGN SPONSORS FOR NEWLY ASSIGNED PERSONNEL	.31	1	2.33
E139	MAKE ENTRIES ON TRAINING REQUEST AND COMPLETION NOTIFICATION (AF FORM 2426)	.33	2	2.95
C86	VERIFY MAINTENANCE MANAGEMENT INFORMATION AND CONTROL SYSTEM (MMICS) SPECIAL CERTIFICATION/INSPECTION LISTINGS	.33	2	3.91
B45	SUPERVISE APPRENTICE INTEGRATED AVIONICS COMPUTERIZED TEST STATION AND COMPONENT SPECIALIST (F-15) (AFSC 32634B)	.33	1	3.90
A1	ASSIGN PERSONNEL TO DUTY POSITIONS	.39	7	3.56
F153	OPERATE COMPUTER REMOTE TERMINALS TO DETERMINE PART AVAILABILITY	.46	1	3.95
F142	ISSUE TEST EQUIPMENT FORM SUPPLY POINT STORAGE AREAS	.46	3	2.77
0673	REMOVE OR REPLACE F/FB-111 ALTITUDE VERTICAL VELOCITY INDICATOR COMPONENTS	.49	4	3.75
0670	REMOVE OR REPLACE F/FB-111 AIR SPEED MACH INDICATOR COMPONENTS	.49	3	3.65
F162	PREPARE OR UPDATE BENCHSTOCK LISTINGS	.51	4	3.81
0688	REMOVE OR REPLACE F/FB-111 BEARING DISTANCE HEADING INDICATOR COMPONENTS	.56	2	3.44
0687	REMOVE OR REPLACE F/FB-111 BEARING DISTANCE HEADING INDICATOR SRUs	.59	3	3.44
0685	REMOVE OR REPLACE F/FB-111 ATTITUDE DIRECTOR INDICATOR SRUs	.59	3	3.54
0671	REMOVE OR REPLACE F/FB-111 ALTITUDE VERTICAL VELOCITY INDICATOR SRUs	.59	4	3.59
0669	REMOVE OR REPLACE F/FB-111 AIR SPEED MACH INDICATOR SRUs	.59	4	3.66
0690	REMOVE OR REPLACE F/FB-111 FLIGHT DIRECTOR COMPUTER COMPONENTS	.62	1	3.86
E131	MAKE ENTRIES ON REQUEST FOR LIMITED/SPECIAL CALIBRATION (PME) (AFTO FORM 163)	.62	4	3.78

Specialty Training Standard (STS)

STS 326X4A, dated April 1979, was reviewed for 3- and 5-skill level personnel. Subject matter specialists at the Lowry Technical Training Center assisted in the analysis by matching job inventory tasks to specific STS items. Generally, large percentages of respondents usually performed general tasks, such as those related to supply discipline, using maintenance data collection forms, and maintaining common automatic test equipment. In contrast, due to the high degree of specialization in the field (see the SPECIALTY JOBS section of this report), relatively small percentages of incumbents, overall, worked with each individual station. As a result, many of the tasks annotated to specific types of stations reflected fairly low performance although they were often rated fairly high in training emphasis. In view of this, computer printouts of the STS-task matchings have been forwarded to the appropriate career ladder personnel for an in-depth evaluation of this document.

Plan of Instruction (POI)

The Plan of Instruction for both the F/FB-111A/E/F (POI GABR32634A 000) and the F-111D (POI G3ABR32634A 001), dated January 1981, were also examined in conjunction with survey information. Inventory tasks were matched to specific learning objectives, allowing each objective to be evaluated in terms of training emphasis and task difficulty ratings, as well as the percent of first-enlistment personnel performing related tasks. Similar to the results found in the STS analysis, due to the structure of this specialty, relatively small percentages of respondents reported performing many of the tasks annotated to many POI blocks. Because many of these tasks were still given high training emphasis ratings subject matter specialists will have to closely assess each of these blocks. As with the STS, a computer listing of all matched and unreferenced tasks has been provided to subject matter specialists for their review in the Training Extract.

ANALYSIS OF CONUS VERSUS OVERSEAS GROUPS

A comparison was made between the tasks performed by DAFSC 32654A respondents assigned within the Continental United States (CONUS) and those overseas. Results indicated that the job of both groups of incumbents was very similar, although some differences were noted. Personnel overseas reported performing a slightly greater number of tasks than their counterparts in the CONUS (126 versus 106), while the average paygrade for both groups was approximately the same (E-4). Table 18 provides a list of some of the tasks which best distinguish between these groups. As shown, greater percentages of individuals assigned within the CONUS indicated doing general maintenance functions associated with mobility operations. By comparison, larger percentages of the respondents stationed overseas reported performing such tasks as isolating malfunctions in programmable pulse generators using either maintenance tapes or manual programming, aligning and bench checking terrain following indicators or indicator recorders, and isolating malfunctions in simulators or mockups.

There were also some background differences between the two groups. As is common in many AFSCs, overseas respondents tended to have slightly more time in the career field and time in service than incumbents in the CONUS (see Table 19). Also, as demonstrated by this table, the domestic automatic test station shops seemed, on the average, to be larger both in terms of number of test sets in the shop and the number of people assigned. Job satisfaction was nearly identical for both groups. The majority of incumbents in the CONUS and overseas felt their job was interesting and utilized their talents and training effectively. Approximately a third of the members of both groups are currently planning to reenlist (33 percent for personnel in the CONUS and 30 percent for overseas respondents).

Finally, there were differences in the aircraft commonly worked with by these two groups. Greater percentages of individuals assigned within the CONUS indicated working with the F-111A, F-111D, and FB-111A, while greater percentages of overseas respondents worked with such models as the F-111E and F-111F.

TABLE 18

TASKS WHICH BEST DIFFERENTIATE 32654A CONUS AND OVERSEAS PERSONNEL
(PERCENT MEMBERS PERFORMING)

TASKS		CONUS (N=204)	OVERSEAS (N=64)	DIFFERENCE
G210	PREPARE F/FB-111 AVIONICS AND SUPPORT EQUIPMENT FOR MOBILITY OPERATIONS	39	13	+26
G211	RECONFIGURE F/FB-111 AVIONICS AND SUPPORT EQUIPMENT FOR NORMAL OPERATIONS AFTER MOBILITY USE	30	8	+22
F177	VERIFY MONITOR REPORTS (D-18 OR D-19)	26	9	+17
F147	MAINTAIN STATUS BOARDS, GRAPHS, OR CHARTS	27	11	+16
H249	REMOVE OR REPLACE F/FB-111 PPG SRUs	35	61	-26
L447	ALIGN F/FB-111 INDICATOR RECORDERS	12	38	-26
L457	BENCH CHECK F/FB-111 INDICATOR RECORDERS	13	38	-25
H232	ISOLATE MALFUNCTIONS IN F/FB-111 PROGRAMMABLE PULSE GENERATORS USING MAINTENANCE TAPES	37	61	-24
L463	BENCH CHECK F/FB-111 TERRAIN FOLLOWING INDICATORS	11	34	-23
L451	ALIGN F/FB-111 TERRAIN FOLLOWING INDICATORS	11	34	-23
H233	ISOLATE MALFUNCTIONS IN F/FB-111 PPGs USING MANUAL PROGRAMMING	33	56	-23
L507	REMOVE OR REPLACE F/FB-111 INDICATOR RECORDER SRU'S	12	34	-22
L498	REMOVE OR REPLACE F/FB-111 ATTACK RADAR SET ELECTRICAL SYNCHRONIZER SRU'S	12	34	-22
L444	ALIGN F/FB-111 ATTACK RADAR SET ELECTRICAL SYNCHRONIZERS	12	34	-22
N574	ISOLATE MALFUNCTIONS IN F/FB-111 MODULAR RECEIVER TRANSMITTERS	9	31	-22
L519	REMOVE OR REPLACE F/FB-111 TERRAIN FOLLOWING INDICATOR SRUs	11	33	-22
G192	ISOLATE MALFUNCTIONS IN F/FB-111 SIMULATORS OR MOCKUPS	14	36	-22
L473	ISOLATE MALFUNCTIONS IN F/FB-111 INDICATOR RECORDERS	13	34	-21
L468	ISOLATE MALFUNCTIONS IN AAR-34 VIDEO SIGNALS PROCESSORS	10	31	-21
N558	ALIGN F/FB-111 MODULAR RECEIVER TRANSMITTERS	9	30	-21
L448	ALIGN F/FB-111 INTERFERENCE BLANKERS	16	34	-18
L459	BENCH CHECK F/FB-111 LARARTs	17	34	-17

TABLE 19

BACKGROUND INFORMATION FOR CONUS/OVERSEAS GROUPS

	CONUS (N=204)	OVERSEAS (N=64)
AVERAGE NUMBER OF TASKS PERFORMED:	106	126
JOB DIFFICULTY INDEX:	13.2	15.4
AVERAGE PAYGRADE:	E-4	E-4
MAJOR COMMAND:		
USAFE	1%	98%
ATC	11%	-
SAC	22%	2%
TAC	65%	-
OTHER	1%	-
AVERAGE MONTHS IN CAREER FIELD:	37	43
AVERAGE MONTHS IN SERVICE (TAFMS):	46	50
NUMBER OF SETS IN SHOP:		
DO NOT WORK IN AUTOMATIC TEST STATION SHOP	18%	-
1 SET OF TEST STATIONS	7%	-
2 SETS OF TEST STATIONS	10%	19%
3 SETS OF TEST STATIONS	13%	52%
4 SETS OF TEST STATIONS	52%	22%
NUMBER OF PEOPLE ASSIGNED TO SHOP:		
DO NOT WORK IN AUTOMATIC TEST STATION SHOP	18%	-
LESS THAN 20 PEOPLE	4%	-
20 OR MORE BUT LESS THAN 40	16%	-
40 OR MORE BUT LESS THAN 60	14%	28%
60 OR MORE BUT LESS THAN 80	3%	45%
80 OR MORE BUT LESS THAN 100	8%	23%
100 OR MORE BUT LESS THAN 120	6%	-
120 PEOPLE OR MORE	31%	-
AIRCRAFT WORK WITH IN PRESENT JOB:		
NONE	12%	3%
F-111A	32%	8%
F-111D	37%	3%
F-111E	7%	44%
F-111F	6%	48%
FB-111A	27%	5%

ANALYSIS OF MAJCOM GROUPS

An examination of MAJCOM groups indicated that the job of 326X4A personnel was very similar across major commands. Table 20 lists the relative time spent on duties by members of the four largest sample groups. As shown by this table, respondents in USAFE, SAC, and TAC all spent approximately the same amount of time in each of the functional areas, while incumbents in ATC were performing a distinctly different job as a result of their training responsibilities.

Some task differences, however, were found between these groups. For example, greater percentages of personnel in SAC reported performing general tasks such as maintaining tool boxes or performing foreign object damage (FOD) prevention walks. Slightly greater percentages of these members also were involved with maintaining 12A6863 test stations and common test equipment (see Table 21). By comparison, although very few respondents in any command reported maintaining heads up display (HUD) units or F-111D APQ-130 attack radar subsystem test stations, the majority of airmen responsible for these functions were either assigned to TAC or ATC. Similarily, although few personnel performed maintenance on doppler electronics units, these incumbents were primarily a SAC or TAC resource.

As illustrated by Table 22, there were also a number of background differences between the groups. Overall, personnel in SAC reported performing the greatest average number of tasks (136), compared to an average of only 91 for incumbents assigned to ATC. In contrast, ATC accounted for the most senior personnel with an average of 119 months TAFMS while TAC respondents were the most junior with an average of only 54. Additionally, shop size varied among major commands. While seventy-three percent of the incumbents in TAC worked in automatic test station shops containing four sets of test equipment, the majority of USAFE shops contained only three. SAC shops tended to be even smaller, with less than 27 percent of these personnel working in shops having more than two sets. The average number of people assigned to the shops followed the same general pattern. Over half of the TAC respondents were assigned to shops of 120 people or more, while approximately 66 percent of the personnel in USAFE worked in shops of less than 80 people. Correspondingly, the majority (76 percent) of SAC personnel were in test station shops of less than 60 persons.

The model of aircraft worked with also often differed among groups. USAFE incumbents most commonly worked with "E" and "F" models while TAC personnel were primarily associated with "A" and "D" model aircraft. The job of most SAC respondents centered basically around the FB-111A.

Finally, job satisfaction was about the same among all members, although a smaller percentage of respondents assigned to SAC felt that their training was utlized at least fairly well. Reenlistment intentions, however, were found the most favorable among ATC incumbents and the least favorable among respondents in TAC.

TABLE 20

RELATIVE PERCENT TIME SPENT ON DUTIES BY MAJOR COMMAND GROUPS

DUTIES	USAFE PERSONNEL (N=131)	ATC PERSONNEL (N=40)	SAC PERSONNEL (N=61)	TAC PERSONNEL (N=225)
A ORGANIZING AND PLANNING	3	6	4	4
B DIRECTING AND IMPLEMENTING	3	7	4	4
C INSPECTING AND EVALUATING	5	9	6	6
D TRAINING	2	33	2	3
E MAKING ENTRIES ON FORMS AND RECORDS	11	5	8	13
F PERFORMING ADMINISTRATIVE, SUPPLY, AND GENERAL EQUIPMENT MAINTENANCE *FUNCTIONS*	8	6	9	10
G PERFORMING GENERAL F/FB-111 AVIONICS MAINTENANCE	12	5	13	13
H MAINTAINING F/FB-111 COMMON AUTOMATIC EQUIPMENT	12	7	12	10
I MAINTAINING F/FB-111 CENTRAL PROCESSORS AND CONTROLLERS *(CENPAC 12A6830)*, MAGNETIC TAPE UNITS (MTU), AND TAPE READERS	4	2	5	3
J MAINTAINING F/FB-111 12A16805, 12A16846, AND 12A6886 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	7	4	5	6
K MAINTAINING F/FB-111 12A16803, 12A6873, AND 12A6883 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNIT (LRU)	7	4	6	4
L MAINTAINING F/FB-111 12A6836, 12A6815, 12A6875, AND 12A6885 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	9	4	7	7
M MAINTAINING F/FB-111 12A6868 AND 12A6888 TEST STATIONS AND LINE REPLACEMENT UNITS	-	-	3	1
N MAINTAINING F/FB-111 12A16802, 12A6872, AND 12A16882 TEST STATIONS, FLUID AND PRESSURIZATION TEST STATIONS (65AN), AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	6	3	3	6
O MAINTAINING F/FB-111 12A6825 AND 12A6895 TEST STATIONS AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	7	-	5	2
P MAINTAINING F/FB-111 12A6863 TEST STATIONS, INERTIAL NAVIGATIONAL SYSTEM TEST AIDS (ITS), AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	4	2	8	3
Q MAINTAINING LINE REPLACEABLE UNITS (LRU) ASSIGNED TO F/FB-111 12A6887 TEST STATIONS AND INDICATOR DISPLAY SYSTEM MOCKUPS	*	1	*	3
R MAINTAINING F-111D APQ-130 ATTACK RADAR SUBSYSTEM TEST STATION (SST) AND ASSIGNED LINE REPLACEABLE UNITS (LRU)	*	*	-	2

TABLE 21

REPRESENTATIVE TASKS WHICH BEST DIFFERENITATE MAJOR COMMAND GROUPS
(PERCENT MEMBERS PERFORMING)

TASKS		USAFE PERSONNEL (N=131)	ATC PERSONNEL (N=40)	SAC PERSONNEL (N=61)	TAC PERSONNEL (N=225)
F150	MAINTAIN TOOL BOXES OR CONSOLIDATED TOOL KITS (CTR)	29	13	64	32
F157	PERFORM FOREIGN OBJECT DAMAGE (FOD) PREVENTION WALKS	44	-	61	29
F163	PREPARE QUALITY DEFICIENCY REPORTS	33	8	57	43
H244	REMOVE OR REPLACE F/FB-111 INDIVIDUAL POWER SUPPLIES OF MICROLOGIC POWER SUPPLIES TRUs	48	23	67	44
H246	REMOVE OR REPLACE F/FB-111 MICROLOGIC POWER SUPPLY SRUs	48	20	67	44
H245	REMOVE OR REPLACE F/FB-111 INDIVIDUAL POWER SUPPLIES OF LOGIC POWER SUPPLY TRUs	49	20	64	45
P725	ISOLATE MALFUNCTIONS IN F/FB-111 12A6863 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	11	23	30	12
P710	BENCH CHECK F/FB-111 INERTIAL REFERENCE UNITS	9	13	29	9
P743	REMOVE OR REPLACE F/FB-111 12A6863 TEST STATION SRU COMPONENTS	8	18	29	11
Q759	ISOLATE MALFUNCTIONS IN F/FB-111 HUD UNITS	1	8	2	11
Q753	BENCH CHECK F/FB-111 HUD UNITS	1	8	2	11
Q773	REMOVE OR REPLACE F/FB-111 HUD UNIT SRUs	1	10	2	10
Q776	REMOVE OR REPLACE F/FB-111 MULTISENSOR DISPLAY SRUs	1	10	2	10
Q746	ALIGN F/FB-111 HEADS UP DISPLAY (HUD) UNITS	1	5	2	10
R801	REMOVE OR REPLACE F-111D APQ-130 TEST STATION TRUs	1	3	-	12
R793	ISOLATE MALFUNCTIONS IN F-111D APQ-130 TEST STATIONS TO LRU	1	-	-	11
R794	ISOLATE MALFUNCTIONS IN F-111D APQ-130 TEST STATIONS TO TESTER REPLACEABLE UNIT (TRU)	2	3	-	11
R791	DETERMINE STATUS OF F-111D BAD ACTOR ARS TRANSMITTERS	-	-	-	10
D96	DEMONSTRATE HOW TO LOCATE TECHNICAL INFORMATION	42	70	36	40
D105	EVALUATE PROGRESS OF STUDENTS	7	68	7	15
D112	SCORE TESTS	-	65	5	2
D89	ADMINISTER TEST	1	65	5	2
M536	ISOLATE MALFUNCTIONS IN F/FB-111 DOPPLER ELECTRONICS UNITS	-	-	18	6
M532	BENCH CHECK F/FB-111 DOPPLER ELECTRONICS UNITS	-	-	18	5
M530	ALIGN F/FB-111 DOPPLER ELECTRONICS UNITS	-	-	18	4

TABLE 22

BACKGROUND INFORMATION FOR MAJOR COMMAND GROUPS

	USAFE PERSONNEL (N=131)	ATC PERSONNEL (N=40)	SAC PERSONNEL (N=61)	TAC PERSONNEL (N=225)
AVERAGE NUMBER OF TASKS PERFORMED	108	91	136	94
DAFSC:				
32634A	20%	2%	5%	23%
32654A	50%	58%	74%	59%
32674	30%	40%	20%	17%
NO RESPONSE	*	-	1%	*
AVERAGE NUMBER OF PERSONNEL SUPERVISED:	2	3	2	3
AVERAGE MONTHS TAFMS:	79	119	73	54
PERCENT LOCATED OVERSEAS:	97%	-	2%	-
NUMBER OF SETS IN SHOP:				
DO NOT WORK IN AUTOMATIC TEST STATION SHOP	5%	67%	16%	11%
1 SET	-	35%	10%	1%
2 SETS	18%	-	47%	*
3 SETS	54%	-	2%	15%
4 SETS	20%	5%	25%	73%
NUMBER OF PEOPLE IN SHOP:				
DO NOT WORK IN AUTOMATIC TEST STATION SHOP	5%	70%	16%	11%
LESS THAN 20	-	17%	-	4%
20 OR MORE BUT LESS THAN 40	2%	15%	43%	5%
40 OR MORE BUT LESS THAN 60	23%	-	33%	9%
60 OR MORE BUT LESS THAN 80	41%	-	8%	-
80 OR MORE BUT LESS THAN 100	26%	-	-	10%
100 OR MORE BUT LESS THAN 120	-	-	-	10%
120 +	2%	-	-	52%
AIRCRAFT WORK WITH IN PRESENT JOB:				
NONE	2%	55%	7%	5%
F-111A	8%	23%	3%	37%
F-111D	5%	25%	-	58%
F-111E	40%	20%	2%	5%
F-111F	54%	18%	-	5%
FB-111A	5%	20%	90%	4%
OTHER	-	3%	-	1%

* DENOTES LESS THAN ONE PERCENT

TABLE 23

JOB SATISFACTION DATA FOR MAJOR COMMAND GROUPS
(PERCENT MEMBERS RESPONDING)

	USAFE PERSONNEL	ATC PERSONNEL	SAC PERSONNEL	TAC PERSONNEL
I FIND MY JOB:				
DULL	14	10	5	10
SO-SO	11	13	21	15
INTERESTING	74	75	74	75
NO RESPONSE	-	2	-	-
MY JOB UTILIZES MY TALENTS:				
LITTLE OR NOT AT ALL	14	20	15	20
FAIRLY WELL TO VERY WELL	76	65	75	71
EXCELLENTLY TO PERFECTLY	10	12	10	9
NO RESPONSE	-	3	-	-
MY JOB UTILIZES MY TRAINING:				
LITTLE OR NOT AT ALL	25	17	34	27
FAIRLY WELL TO VERY WELL	68	68	59	67
EXCELLENTLY TO PERFECTLY	7	13	7	6
NO RESPONSE	-	2	-	-
I PLAN TO REENLIST:				
I WILL RETIRE	9	13	8	5
NO OR PROBABLY NO	46	25	49	62
YES OR PROBABLY YES	43	60	43	32
NO RESPONSE	2	2	-	1

SUMMARY OF BACKGROUND INFORMATION

Along with task and duty information, general biographical data were also collected on each survey respondent. This information is often useful in determining relationships between job structure and background factors, as well as making comparisons between identified job groups. In addition, surveys simultaneously taken of 326X4A, B, and C-shred members have allowed a cross comparison of this information for all 326X4 respondents.

Table 24 lists the most common methods of assignment of 326X4 personnel. As shown by this table, the majority of A and B shred members indicated entering the career ladder by completing resident technical training. A much smaller percentage of these individuals reported that they had been retrained from some other specialty. In contrast, C-shred respondents showed a reversed trend. Seventy-seven percent of these incumbents were retrained from other AFSCs, with only approximately 15 percent entering through resident training.

The average number of test stations in each shop also differed by shred. A-shred shops tended to be the largest, often containing four sets, while B-shred personnel commonly reported working in shops having only two sets. F-16 shops tended to be even smaller, and frequently contained only one test station set (See Table 25). This difference is most likely a reflection of the relative size of each of the 326X4 shreds.

Table 26 lists the work shifts most often held by 326X4 personnel. As shown, the most common work schedule for members of all three shreds was the day shift, although substantial percentages of incumbents also presently work the swing and mid-shifts, very few individuals were on 12-hour or rotating eight-hour schedules.

Repondents were also asked to indicate the specialty in which they had attained a primary AFSC at the 7-skill level. Even though responses were fairly scattered, a distinct trend was identified. The most common AFSC reported by members was the 5-skill level AFSC of the shred which they presently supervise (see Table 27).

A shred members, in particular, seem to be relatively experienced in working with their respective aircraft. Of the incumbents working on each model of the F/FB-111, a large percentage had worked with that model for over 18 months and, on the average, most respondents indicated having at least 12 months.

TABLE 24

METHOD OF ASSIGNMENT TO PRESENT CAREER LADDER
(PERCENT MEMBERS RESPONDING)

METHOD OF ASSIGNMENT	326X4(X) PERSONNEL		
	326X4A	326X4B	326X4C
COMPLETED RESIDENT TECHNICAL TRAINING	71	68	15
RECLASSIFIED WITHOUT COMPLETING TECHNICAL TRAINING OR OJT	2	2	1
DIRECTED DUTY ASSIGNMENT (DDA) FROM BASIC TRAINING TO OJT WITHOUT BYPASS TEST	1	2	-
DDA FROM BASIC TRAINING BY BYPASS TEST	-	-	-
CONVERTED FROM ANOTHER AF SPECIALTY WITHOUT TRAINING BY CLASSIFICATION BOARD ACTION	4	3	2
RETRAINED FROM ANOTHER SPECIALTY	13	18	77
REENLISTED AFTER PRIOR SERVICE IN USAF OR FROM ANOTHER BRANCH OF SERVICE	2	2	2
NOT ASSIGNED TO MY CAREER LADDER BY ANY OF THE ABOVE METHODS	7	5	3
NO REPLY	*	-	*

* DENOTES LESS THAN ONE PERCENT
(THESE FIGURES ALSO INCLUDE 7-SKILL LEVEL INCUMBENTS ASSIGNED WITH A,B, AND C SHRED MEMBERS)

TABLE 25

NUMBER OF TEST STATION SETS IN SHOP
(PERCENT MEMBERS RESPONDING)

NUMBER	326X4(X) PERSONNEL		
	326X4A	326X4B	326X4C
DO NOT WORK IN AUTOMATIC TEST STATION SHOP	15	11	6
1 SET OF TEST STATIONS	5	16	42
2 SETS OF TEST STATIONS	12	46	14
3 SETS OF TEST STATIONS	23	28	32
4 SETS OF TEST STATIONS	45	*	6

* DENOTES LESS THAN ONE PERCENT
(THESE FIGURES ALSO INCLUDE 7-SKILL LEVEL INCUMBENTS ASSIGNED WITH A,B, AND C SHRED MEMBERS)

TABLE 26

SHIFT OF PRESENT WORK SCHEDULE
(PERCENT MEMBERS RESPONDING)

SHIFT	326X4(X) PERSONNEL		
	326X4A	326X4B	326X4C
NOT ON A SCHEDULED SHIFT	3	3	2
DAY, SUCH AS 0700 TO 1600	49	44	49
SWING, SUCH AS 1500 TO 2400	25	27	33
MID, SUCH AS 2300 to 0700	21	21	9
12-HOUR DAY, SUCH AS 0600 to 1800	*	2	1
12-HOUR NIGHT, SUCH AS 1800 TO 0600	-	-	-
ROTATING 8-HOUR SHIFTS, SUCH AS DAY, SWING, MID	1	1	2
ROTATING 12-HOUR SHIFTS	-	*	-
OTHER	1	2	3

* DENOTES LESS THAN ONE PERCENT
(THESE FIGURES ALSO INCLUDE 7-SKILL LEVEL INCUMBENTS ASSIGNED WITH A,B, AND C SHRED MEMBERS)

TABLE 27

AFSC ATTAINED PRIMARY AFSC AT THE 7-SKILL LEVEL
(PERCENT MEMBERS RESPONDING)

AFSC	326X4(X) PERSONNEL		
	326X4A	326X4B	326X4C
DO NOT HOLD PRIMARY AFSC AT 7-SKILL LEVEL	62	68	55
32650	1	2	2
32650A	*	1	-
32650B	3	2	2
32651A	7	4	1
32651B	*	*	1
32651C	-	-	1
32651D	4	6	4
32651E	-	*	-
32651F	2	1	3
32651G	-	-	-
32654A	15	*	1
32654B	2	13	-
32654C	*	*	18
32655A	-	-	**
32655B	-	-	**
OTHER	4	3	12

*DENOTES LESS THAN ONE PERCENT
**NO DATA WAS COLLECTED ON THESE AFSCs FOR C-SHRED INDIVIDUALS

IMPLICATIONS

As shown by the current study, incumbents in the 326X4A career ladder concentrate much of their time on a limited number of functional areas. There does seem to be, however, a common core of tasks that are usually performed by personnel in the field, regardless of their area of specialization. This fact, in addition to a review of career ladder documents such as the STS and POI, supports a generalized approach to training in which the basic fundamentals, skills, and knowledges involved with maintaining a test station, LRU, or other avionics equipment are taught in the entry-level technical training course.

Job satisfaction in the specialty is fairly high and essentially remains stable as individuals progress through the career ladder. The only notable exception was found among first-enlistment members. While these respondents generally seemed satisfied overall, less than 30 percent reported positive reenlistment intentions. Such a trend may represent a problem area in terms of future availability of 326X4A technicians and needs to be explored to see if remedial action is necessary.

APPENDIX A

REPRESENTATIVE TASKS OF CAREER LADDER STRUCTURE GROUPS

I. TEST STATION AREA SUPERVISORS
(GRP111, N=9)

TASKS		PERCENT MEMBERS PERFORMING
B47	SUPERVISE INTEGRATED AVIONICS COMPUTERIZED TEST STATION AND COMPONENT SPECIALISTS (F/FB-111) (AFSC 32654A)	100
B44	SUPERVISE APPRENTICE INTEGRATED AVIONICS COMPUTERIZED TEST STATION AND COMPONENT SPECIALISTS (F/FB-111) (AFSC 32634A)	100
F177	VERIFY MONITOR REPORTS (D-18 OR D-19)	100
A6	DETERMINE WORK PRIORITIES	100
F176	VERIFY DUE-IN FROM MAINTENANCE (DIFM) DOCUMENT LISTINGS (R-26)	100
C62	ANALYZE WORKLOAD REQUIREMENTS	100
A17	PARTICIPATE IN MEETINGS, SUCH AS STAFF MEETINGS, BRIEFINGS, CONFERENCES, OR WORKSHOPS	100
E130	MAKE ENTRIES ON REPARABLE ITEM PROCESSING TAG (AFTO FORM 350)	100
B43	REVISE DAILY MAINTENANCE PLANS TO MEET OPERATIONAL COMMITMENTS	100
G202	PERFORM QA OR QC INSPECTIONS OF F/FB-111 TEST STATIONS	100
E125	MAKE ENTRIES ON NON-NSN REQUISITION (MANUAL) (DD FORM 1348-6)	100
D92	CONDUCT OJT	100
G210	PREPARE F/FB-111 AVIONICS AND SUPPORT EQUIPMENT FOR MOBILITY OPERATIONS	100
G211	RECONFIGURE F/FB-111 AVIONICS AND SUPPORT EQUIPMENT FOR NORMAL OPERATION AFTER MOBILITY USE	100
F159	PREPARE AVIONICS EQUIPMENT FOR TURN-IN	100
C83	REVIEW MAINTENANCE DATA COLLECTION RECORD (AFTO FORM 349)	100
A3	COORDINATE JOB REQUIREMENTS WITH OTHER SECTIONS	100
A15	ESTABLISH PERFORMANCE STANDARDS FOR SUBORDINATES	100
B29	COUNSEL PERSONNEL ON PERSONAL OR MILITARY RELATED MATTERS	100
C76	EVALUATE WORK SCHEDULES	100
B51	WRITE CORRESPONDENCE	100
B34	DIRECT MAINTENANCE OR UTILIZATION OF EQUIPMENT OR SUPPLIES	89
A7	DEVELOP MOBILITY PLANS	89
B49	SUPERVISE INTEGRATED AVIONICS COMPUTERIZED TEST STATION AND COMPONENT TECHNICIANS (AFSC 32674)	67

II. INDICATORS/SERVOS TEST STATION PERSONNEL
(GRP075, N=26)

TASKS		PERCENT MEMBERS PERFORMING
0632	ALIGN F/FB-111 TFR AMPLIFIER POWER SUPPLIES FOR ANY F-111 AIRCRAFT EXCEPT THE F-111D	100
0626	BENCH CHECK F/FB-111 ALTITUDE VERTICAL VELOCITY INDICATORS	100
0645	ISOLATE MALFUNCTIONS IN F/FB-111 ALTITUDE VERTICAL VELOCITY ELECTRONIC CONTROL AMPLIFIERS	100
G200	PERFORM PERIODIC INSPECTIONS OF F/FB-111 TEST STATIONS	96
0638	BENCH CHECK F/FB-111 TFR RACKS	96
0625	BENCH CHECK F/FB-111 ALTITUDE VERTICAL VELOCITY ELECTRONIC CONTROL AMPLIFIERS	96
0623	BENCH CHECK F/FB-111 AIR SPEED MACH ELECTRONIC CONTROL AMPLIFIERS	96
0624	BENCH CHECK F/FB-111 AIR SPEED MACH INDICATORS	96
0632	BENCH CHECK F/FB-111 ATTITUDE DIRECTOR INDICATORS	96
0627	BENCH CHECK F/FB-111 ARS ANTENNA CONTROL UNITS	92
0637	BENCH CHECK F/FB-111 TFR AMPLIFIER POWER SUPPLIES FOR ANY F-111 AIRCRAFT EXCEPT THE F-111D	92
06464	ISOLATE MALFUNCTIONS IN F/FB-111 ARS ANTENNA CONTROL UNITS	92
0629	BENCH CHECK F/FB-111 ARS ANTENNA PEDESTALS FOR ANY F-111 AIRCRAFT EXCEPT THE F-111D	92
0565	ISOLATE MALFUNCTIONS IN F/FB-111 TFR AMPLIFIER POWER SUPPLIES FOR ANY F-111 AIRCRAFT EXCEPT THE F-111D	88
0630	BENCH CHECK F/FB-111 ARS ANTENNAS FOR ANY F-111 AIRCRAFT EXCEPT THE F-111D	88
0649	ISOLATE MALFUNCTIONS IN F/FB-111 ARS ANTENNAS FOR ANY F-111 AIRCRAFT EXCEPT THE F-111D	88
0642	ISOLATE MALFUNCTIONS IN F/FB-111 AIR SPEED MACH ELECTRONIC CONTROL AMPLIFIERS	88
0648	ISOLATE MALFUNCTIONS IN F/FB-111 ARS ANTENNA PEDESTALS FOR ANY F-111 AIRCRAFT EXCEPT THE F-111D	88
0633	BENCH CHECK F/FB-111 BEARING DISTANCE HEADING INDICATORS	88
0614	ALIGN F/FB-111 ATTACK RADAR SYSTEM (ARS) ANTENNAS FOR ANY F-111 AIRCRAFT EXCEPT THE F-111D	85
0657	ISOLATE MALFUNCTIONS IN F/FB-111 TFR RACKS	85
0616	ALIGN F/FB-111 ARS ANTENNA PEDESTALS FOR ANY F-111 AIRCRAFT EXCEPT THE F-111D	85
0694	REMOVE OR REPLACE F/FB-111 TFR AMPLIFIER POWER SUPPLY SRUs FOR ANY AIRCRAFT EXCEPT THE F-111D	81
0676	REMOVE OR REPLACE F/FB-111 ARS ANTENNA CONTROL UNIT SRUs	77
0631	BENCH CHECK F/FB-111 ARS SET CONTROL BOXES	77

IIa. 12A6895 AND 12A6876 TEST STATION PERSONNEL (GRP217, N=9)

TASKS		PERCENT MEMBERS PERFORMING
0622	ALIGN F/FB-111 TFR AMPLIFIER POWER SUPPLIES FOR ANY AIRCRAFT EXCEPT THE F-111D	100
0629	BENCH CHECK F/FB-111 ARS ANTENNA PEDESTALS FOR ANY F-111 AIRCRAFT EXCEPT THE F-111D	100
0616	ALIGN F/FB-111 ARS ANTENNA PEDESTALS FOR ANY F-111 AIRCRAFT EXCEPT THE F-111D	100
0637	BENCH CHECK F/FB-111 TFR AMPLIFIER POWER SUPPLIES FOR ANY F-111 AIRCRAFT EXCEPT THE F-111D	100
0630	BENCH CHECK F/FB-111 ARS ANTENNAS FOR ANY F-111 AIRCRAFT EXCEPT THE F-111D	100
0627	BENCH CHECK F/FB-111 ARS ANTENNA CONTROL UNITS	100
0656	ISOLATE MALFUNCTIONS IN F/FB-111 TFR AMPLIFIER POWER SUPPLIES FOR ANY F-111 AIRCRAFT EXCEPT THE F-111D	100
0638	BENCH CHECK F/FB-111 TFR RACKS	100
0664	ISOLATE MALFUNCTIONS IN F/FB-111 12A6895 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	100
0641	CONFIDENCE CHECK F/FB-111 12A6895 TEST STATIONS	100
0663	ISOLATE MALFUNCTIONS IN F/FB-111 12A6895 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	100
J345	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6876 TEST STATIONS	100
0648	ISOLATE MALFUNCTIONS IN F/FB-111 ARS ANTENNA PEDESTALS FOR ANY F-111 AIRCRAFT EXCEPT THE F-111D	100
0676	REMOVE OR REPLACE F/FB-111 ARS ANTENNA CONTROL UNIT SRUs	100
J368	REMOVE OR REPLACE F/FB-111 12A6876 TEST STATION SRU COMPONENTS	100
J313	CONFIDENCE CHECK F/FB-111 12A6876 TEST STATIONS	100
J338	ISOLATE MALFUNCTIONS IN F/FB-111 12A16876 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	89
0704	REMOVE OR REPLACE F/FB-111 12A6895 TEST STATION TRUs	89
0703	REMOVE OR REPLACE F/FB-111 12A6895 TEST STATION TRU SRUs	89
0702	REMOVE OR REPLACE F/FB-111 12A6895 TEST STATION SRU COMPONENTS	89
J369	REMOVE OR REPLACE F/FB-111 12A6876 TEST STATION TRU SRUs	89
0666	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6895 TEST STATIONS	78
J337	ISOLATE MALFUNCTIONS IN F/FB-111 12A16876 TEST STATIONS USING MAINTENANCE TEST ONLY	78
J370	REMOVE OR REPLACE F/FB-111 12A6876 TEST STATION TRUs	78
0662	ISOLATE MALFUNCTIONS IN F/FB-111 12A6895 TEST STATIONS USING MAINTENANCE TEST ONLY	78

IIb. 12A6985, 12A6876 AND 12A6873 TEST STATION PERSONNEL (GRP204, N=8)

TASKS		PERCENT MEMBERS PERFORMING
K380	BENCH CHECK F/FB-111 CONVERTER SETS	100
K427	REMOVE OR REPLACE F/FB-111 CONVERTER SET SRUs	100
H236	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	100
H237	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT OR STIMULUS RELAY CANS USING MANUAL PROGRAMMING AND SCHEMATICS	100
K411	ISOLATE MALFUNCTIONS IN F/FB-111 12A6873 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	100
G200	PERFORM PERIODIC INSPECTIONS OF F/FB-111 TEST STATIONS	100
K410	ISOLATE MALFUNCTIONS IN F/FB-111 12A6873 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	100
K429	REMOVE OR REPLACE F/FB-111 FEEL AND TRIM ASSEMBLY SRUs	100
H235	ISOLATE MALFUNCTIONS IN F/FB-111 STIMULUS CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	100
K400	ISOLATE MALFUNCTIONS IN F/FB-111 FEEL AND TRIM ASSEMBLIES	100
0663	ISOLATE MALFUNCTIONS IN F/FB-111 12A6895 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	100
G218	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST EQUIPMENT LIGHT BULBS, FUSES OR MINOR HARDWARE	100
K437	REMOVE OR REPLACE F/FB-111 12A6873 TEST STATION SRU COMPONENTS	100
K416	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6873 TEST STATIONS	100
0641	CONFIDENCE CHECK F/FB-111 12A6895 TEST STATIONS	100
K438	REMOVE OR REPLACE F/FB-111 12A6873 TEST STATION TRU SRUs	100
K385	CONFIDENCE CHECK F/FB-111 12A6873 TEST STATIONS	100
K439	REMOVE OR REPLACE F/FB-111 12A6873 TEST STATION TRUs	100
K409	ISOLATE MALFUNCTIONS IN F/FB-111 12A6873 TEST STATIONS USING MAINTENANCE TEST ONLY	100
J338	ISOLATE MALFUNCTIONS IN F/FB-111 12A16876 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	75
J339	ISOLATE MALFUNCTIONS IN F/FB-111 12A16876 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	75
J369	REMOVE OR REPLACE F/FB-111 12A6876 TEST STATION TRU SRUs	75
J368	REMOVE OR REPLACE F/FB-111 12A6876 TEST STATION SRU COMPONENTS	75
J345	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6876 TEST STATIONS	75
0664	ISOLATE MALFUNCTIONS IN F/FB-111 12A6895 TEST STATION THROUGH INTERCONNECTS OF AN INSTALLED LRU	75

IIc. 12A6825 TEST STATION PERSONNEL
(GRP128, N=5)

TASKS		PERCENT MEMBERS PERFORMING
G222	RESEARCH F/FB-111 MANUALS TO DETERMINE FAULT ISOLATION PROCEDURES	100
G218	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST EQUIPMENT LIGHT BULBS, FUSES, OR MINOR HARDWARE	100
G200	PERFORM PERIODIC INSPECTIONS OF F/FB-111 TEST STATIONS	100
E122	MAKE ENTRIES ON MAINTENANCE DATA COLLECTION RECORD (AFTO FORM 349)	100
0622	ALIGN F/FB-111 TFR AMPLIFIER POWER SUPPLIES FOR ANY F-111 EXCEPT THE F-111D	100
E120	MAKE ENTRIES ON ISSUE/TURN IN REQUEST (AF FORM 2005)	100
G213	REMOVE OR REPLACE F/FB-111 LRU MINOR HARDWARE	100
0646	ISOLATE MALFUNCTIONS IN F/FB-111 ARS ANTENNA CONTROL UNITS	100
F165	RESEARCH MICROFICHE FOR PART INFORMATION	100
0615	ALIGN F/FB-111 ARS ANTENNA INDICATOR CONTROLS	100
0642	ISOLATE MALFUNCTIONS IN F/FB-111 AIR SPEED MACH ELECTRONIC CONTROL AMPLIFIERS	100
0625	BENCH CHECK F/FB-111 ALTITUDE VERTICAL VELOCITY ELECTRONIC CONTROL AMPLIFIERS	100
0626	BENCH CHECK F/FB-111 ALTITUDE VERTICAL VELOCITY INDICATORS	100
0627	BENCH CHECK F/FB-111 ARS ANTENNA CONTROL UNITS	100
0628	BENCH CHECK F/FB-111 ARS ANTENNA INDICATOR CONTROL	100
0631	BENCH CHECK F/FB-111 ARS SET CONTROL BOXES	100
0632	BENCH CHECK F/FB-111 ATTITUDE DIRECTOR INDICATORS	100
0633	BENCH CHECK F/FB-111 BEARING DISTANCE HEADING INDICATORS	100
0647	ISOLATE MALFUNCTIONS IN F/FB-111 ARS ANTENNA INDICATOR CONTROLS	100
F164	RESEARCH MANUALS FOR PART NUMBERS	100
G185	INSPECT AND CLEAN F/FB-111 TEST STATION FILTERS	100
0645	ISOLATE MALFUNCTIONS IN F/FB-111 ALTITUDE VERTICAL VELOCITY ELECTRONIC CONTROL AMPLIFIERS	100
0640	CONFIDENCE CHECK F/FB-111 12A6825 TEST STATIONS	80
0661	ISOLATE MALFUNCTIONS IN F/FB-111 12A6825 TEST STATIONS	60

III. NAVIGATIONAL SYSTEMS MAINTENANCE PERSONNEL (GRP054, N=47)

TASKS		PERCENT MEMBERS PERFORMING
P725	ISOLATE MALFUNCTIONS IN F/FB-111 12A6863 TEST STATIONS	98
H236	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	94
H235	ISOLATE MALFUNCTIONS IN F/FB-111 STIMULUS CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	94
P717	ISOLATE MALFUNCTIONS IN F/FB-111 AYK-6 GENERAL PURPOSE COMPUTERS	91
P727	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6863 TEST STATIONS	91
H237	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT OR STIMULUS RELAY CANS USING MANUAL PROGRAMMING AND SCHEMATICS	91
E130	MAKE ENTRIES ON REPARABLE ITEM PROCESSING TAG (AFTO FORM 350)	91
P743	REMOVE OR REPLACE F/FB-111 12A6863 TEST STATION SRU COMPONENTS	91
P715	CONFIDENCE CHECK F/FB-111 12A6863 TEST STATIONS	91
P708	BENCH CHECK F/FB-111 AYK-6 GENERAL PURPOSE COMPUTERS	89
P710	BENCH CHECK F/FB-111 INERTIAL REFERENCE UNITS	87
P724	ISOLATE MALFUNCTIONS IN F/FB-111 12A6863 TEST STATIONS USING MAINTENANCE TEST ONLY	87
P714	CALIBRATE F/FB-111 INERTIAL REFERENCE UNITS	85
P730	REMOVE OR REPLACE F/FB-111 AYK-6 GENERAL PURPOSE COMPUTER SRUs	85
P719	ISOLATE MALFUNCTIONS IN F/FB-111 INERTIAL REFERENCE UNITS	83
P707	BENCH CHECK F/FB-111 AJN-16 NAVIGATION COMPUTER UNITS	83
P726	ISOLATE MALFUNCTIONS IN F/FB-111 12A6863 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	83
P716	ISOLATE MALFUNCTIONS IN F/FB-111 AJN-16 NAVIGATION COMPUTER UNITS	81
P735	REMOVE OR REPLACE F/FB-111 INERTIAL REFERENCE UNIT SRUs	81
P728	REMOVE OR REPLACE F/FB-111 AJN-16 NAVIGATION COMPUTER UNIT SHOP REPLACEABLE UNITS (SRU)	79
P723	ISOLATE MALFUNCTIONS IN F/FB-111 NAVIGATION DISPLAY UNITS	79
P713	BENCH CHECK F/FB-111 NAVIGATION DISPLAY UNITS	79
P718	ISOLATE MALFUNCTIONS IN F/FB-111 COMPUTER CONTROL UNITS	77
P734	REMOVE OR REPLACE F/FB-111 INERTIAL REFERENCE UNIT COMPONENTS	71

IIIa. CONSOLIDATED MAINTENANCE SQUADRON PERSONNEL (GRP105, N=8)

TASKS		PERCENT MEMBERS PERFORMING
L490	ISOLATE MALFUNCTIONS IN F/FB-111 12A6885 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	100
P725	ISOLATE MALFUNCTIONS IN F/FB-111 12A6863 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	100
K413	ISOLATE MALFUNCTIONS IN F/FB-111 12A6883 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	100
N584	ISOLATE MALFUNCTIONS IN F/FB-111 12A6882 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	100
J341	ISOLATE MALFUNCTIONS IN F/FB-111 12A6886 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	100
J346	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6886 TEST STATIONS	100
K441	REMOVE OR REPLACE F/FB-111 12A6883 TEST STATION TRU SRUs	100
N610	REMOVE OR REPLACE F/FB-111 12A6882 TEST STATION TRU SRUs	100
K440	REMOVE OR REPLACE F/FB-111 12A6883 TEST STATION SRU COMPONENTS	100
J314	CONFIDENCE CHECK F/FB-111 12A6886 TEST STATIONS	100
J372	REMOVE OR REPLACE F/FB-111 12A6886 TEST STATION TRU SRUs	100
N609	REMOVE OR REPLACE F/FB-111 12A6882 TEST STATION SRU COMPONENTS	100
J371	REMOVE OR REPLACE F/FB-111 12A6886 TEST STATION SRU COMPONENTS	100
P715	CONFIDENCE CHECK F/FB-111 12A6863 TEST STATIONS	100
L481	ISOLATE MALFUNCTIONS IN F/FB-111 12A6815 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	88
Q765	ISOLATE MALFUNCTIONS IN F/FB-111 12A6887 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	88
K407	ISOLATE MALFUNCTIONS IN F/FB-111 12A16803 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	88
N578	ISOLATE MALFUNCTIONS IN F/FB-111 12A16803 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	88
L495	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6885 TEST STATIONS	88
L489	ISOLATE MALFUNCTIONS IN F/FB-111 12A6885 TEST STATIONS USING MAINTENANCE TEST ONLY	88
J332	ISOLATE MALFUNCTIONS IN F/FB-111 12A16805 TEST STATIONS USING MAINTENANCE TEST TEST EQUIPMENT, AND SCHEMATICS	88
P745	REMOVE OR REPLACE F/FB-111 12A6863 TEST STATION TRU SRUs	88
P743	REMOVE OR REPLACE F/FB-111 12A6863 TEST STATION SRU COMPONENTS	88
L520	REMOVE OR REPLACE F/FB-111 12A6815 TEST STATION SRU COMPONENTS	88
P724	ISOLATE MALFUNCTIONS IN F/FB-111 12A6863 TEST STATIONS USING MAINTENANCE TEST ONLY	88

IIIb. 12A6863 TEST STATION PERSONNEL
(GRP068, N=39)

TASKS		PERCENT MEMBERS PERFORMING
P717	ISOLATE MALFUNCTIONS IN F/FB-111 AYK-6 GENERAL PURPOSE COMPUTERS	100
P710	BENCH CHECK F/FB-111 INERTIAL REFERENCE UNITS	97
P714	CALIBRATE F/FB-111 INERTIAL REFERENCE UNITS	97
P707	BENCH CHECK F/FB-111 AJN-16 NAVIGATION COMPUTER UNITS	97
P708	BENCH CHECK F/FB-111 AYK-6 GENERAL PURPOSE COMPUTERS	97
P725	ISOLATE MALFUNCTIONS IN F/FB-111 12A6863 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	97
P727	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6863 TEST STATIONS	97
P716	ISOLATE MALFUNCTIONS IN F/FB-111 AJN-16 NAVIGATION COMPUTER UNITS	95
P730	REMOVE OR REPLACE F/FB-111 AYK-6 GENERAL PURPOSE COMPUTER SRUs	95
P723	ISOLATE MALFUNCTIONS IN F/FB-111 NAVIGATION DISPLAY UNITS	95
P713	BENCH CHECK F/FB-111 NAVIGATION DISPLAY UNITS	95
G186	INSPECT AND CLEAN F/FB-111 TEST STATIONS, SIMULATORS, MOCKUPS, OR LINE REPLACEABLE UNITS (LRU)	95
P719	ISOLATE MALFUNCTIONS IN F/FB-111 INERTIAL REFERENCE UNITS	92
P728	REMOVE OR REPLACE F/FB-111 AJN-16 NAVIGATION COMPUTER UNIT SHOP REPLACEABLE UNITS (SRU)	92
H236	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	92
P743	REMOVE OR REPLACE F/FB-111 12A6863 TEST STATION SRU COMPONENTS	92
P706	ALIGN F/FB-111 INERTIAL NAVIGATION SYSTEMS ON ITSs	90
P718	ISOLATE MALFUNCTIONS IN F/FB-111 COMPUTER CONTROL UNITS	90
P726	ISOLATE MALFUNCTIONS IN F/FB-111 12A6863 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	90
P715	CONFIDENCE CHECK F/FB-111 12A6863 TEST STATIONS	90
P745	REMOVE OR REPLACE F/FB-111 12A6863 TEST STATION TRU SRUs	90
P709	BENCH CHECK F/FB-111 COMPUTER CONTROL UNITS	87
P724	ISOLATE MALFUNCTIONS IN F/FB-111 12A6863 TEST STATIONS USING MAINTENANCE TEST ONLY	87
P744	REMOVE OR REPLACE F/FB-111 12A6863 TEST STATION TESTER REPLACEABLE UNITS (TRU)	85
P742	REMOVE OR REPLACE F/FB-111 NAVIGATION DISPLAY UNIT SRUs	82

IV. VIDEO TEST STATION PERSONNEL
(GRP037, N=73)

TASKS		PERCENT MEMBERS PERFORMING
L478	ISOLATE MALFUNCTIONS IN F/FB-111 TERRAIN FOLLOWING COMPUTERS	93
L462	BENCH CHECK F/FB-111 TERRAIN FOLLOWING COMPUTERS	93
E122	MAKE ENTRIES ON MAINTENANCE DATA COLLECTION RECORD (AFTO FORM 349)	92
L474	ISOLATE MALFUNCTIONS IN F/FB-111 INTERFERENCE BLANKERS	90
L458	BENCH CHECK F/FB-111 INTERFERENCE BLANKERS	89
L517	REMOVE OR REPLACE F/FB-111 TERRAIN FOLLOWING COMPUTER SRUs	88
F155	ORDER PARTS BY TELEPHONE	86
L460	BENCH CHECK F/FB-111 LOW ALTITUDE MONITORS	85
L476	ISOLATE MALFUNCTIONS IN F/FB-111 LOW ALTITUDE MONITORS	84
L509	REMOVE OR REPLACE F/FB-111 INTERFERENCE BLANKER SRUs	78
L448	ALIGN F/FB-111 INTERFERENCE BLANKERS	75
L473	ISOLATE MALFUNCTIONS IN F/FB-111 INDICATOR RECORDERS	71
L516	REMOVE OR REPLACE F/FB-111 TERRAIN FOLLOWING COMPUTER COMPONENTS	71
L457	BENCH CHECK F/FB-111 INDICATOR RECORDERS	70
L475	ISOLATE MALFUNCTIONS IN F/FB-111 LARARTs	68
L460	BENCH CHECK F/FB-111 LARARTs	67
L451	ALIGN F/FB-111 TERRAIN FOLLOWING INDICATORS	67
L479	ISOLATE MALFUNCTIONS IN F/FB-111 TERRAIN FOLLOWING INDICATORS	67
L449	ALIGN F/FB-111 LOW ALTITUDE RADAR ALTIMETER RECEIVER TRANSMITTERS (LARART)	67
L507	REMOVE OR REPLACE F/FB-111 INDICATOR RECORDER SRUs	67
L447	ALIGN F/FB-111 INDICATOR RECORDERS	66
L444	ALIGN F/FB-111 ATTACK RADAR SET ELECTRICAL SYNCHRONIZERS	64
L463	BENCH CHECK F/FB-111 TERRAIN FOLLOWING INDICATORS	64
L469	ISOLATE MALFUNCTION IN F/FB-111 ATTACK RADAR SET ELECTRICAL SYNCHRONIZERS	64
L453	BENCH CHECK F/FB-111 ATTACK RADAR SET ELECTRICAL SYNCHRONIZERS	62

IVa. 12A6885, 12A6815, AND 12A6825 TEST STATION PERSONNEL (GRP189, N=13)

TASKS		PERCENT MEMBERS PERFORMING
L453	BENCH CHECK F/FB-111 ATTACK RADAR SET ELECTRICAL SYNCHRONIZERS	100
L498	REMOVE OR REPLACE F/FB-111 ATTACK RADAR SET ELECTRICAL SYNCHRONIZER SRUs	100
L473	ISOLATE MALFUNCTIONS IN F/FB-111 INDICATOR RECORDERS	100
0630	BENCH CHECK F/FB-111 ARS ANTENNAS FOR ANY F-111 AIRCRAFT EXCEPT THE F-111D	100
0676	REMOVE OR REPLACE F/FB-111 ARS ANTENNA CONTROL UNIT SRUs	100
L493	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6815 TEST STATIONS	92
L520	REMOVE OR REPLACE F/FB-111 12A6815 TEST STATION SRU COMPONENTS	92
L521	REMOVE OR REPLACE F/FB-111 12A6815 TEST STATION TESTER REPLACEABLE UNIT (TRU) SRU'S	92
0661	ISOLATE MALFUNCTIONS IN F/FB-111 12A6825 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	92
L464	CONFIDENCE CHECK F/FB-111 12A6815 TEST STATIONS	92
0699	REMOVE OR REPLACE F/FB-111 12A6825 TEST STATION SRU COMPONENTS	92
0660	ISOLATE MALFUNCTIONS IN F/FB-111 12A6825 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	92
0700	REMOVE OR REPLACE F/FB-111 12A6825 TEST STATION TESTER REPLACEABLE UNIT (TRU) SRUs	92
0640	CONFIDENCE CHECK F/FB-111 12A6825 TEST STATIONS	92
0659	ISOLATE MALFUNCTIONS IN F/FB-111 12A6825 TEST STATIONS USING MAINTENANCE TEST ONLY	92
L522	REMOVE OR REPLACE F/FB-111 12A6815 TEST STATION TRUs	92
L482	ISOLATE MALFUNCTIONS IN F/FB-111 12A6815 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	85
L481	ISOLATE MALFUNCTIONS IN F/FB-111 12A6815 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	85
L480	ISOLATE MALFUNCTIONS IN F/FB-111 12A6815 TEST STATIONS USING MAINTENANCE TEST ONLY	85
0665	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6825 TEST STATIONS	85
L495	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6885 TEST STATIONS	77
L490	ISOLATE MALFUNCTIONS IN F/FB-111 12A6885 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	69
L491	ISOLATE MALFUNCTIONS IN F/FB-111 12A6885 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	69
L467	CONFIDENCE CHECK F/FB-111 12A6885 TEST STATIONS	69
L489	ISOLATE MALFUNCTIONS IN F/FB-111 12A6885 TEST STATIONS USING MAINTENANCE TEST ONLY	62

IVb. SENIOR 12A675 TEST STATION PERSONNEL
(GRP140, N=21)

TASKS		PERCENT MEMBERS PERFORMING
E122	MAKE ENTRIES ON MAINTENANCE DATA COLLECTION RECORD (AFTO FORM 349)	100
L462	BENCH CHECK F/FB-111 TERRAIN FOLLOWING COMPUTERS	100
G200	PERFORM PERIODIC INSPECTIONS OF F/FB-111 TEST STATIONS	100
L478	ISOLATE MALFUNCTIONS IN F/FB-111 TERRAIN FOLLOWING COMPUTERS	100
H237	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	100
L507	REMOVE OR REPLACE F/FB-111 INDICATOR RECORDER SRUs	100
L511	REMOVE OR REPLACE F/FB-111 LARART SRUs	100
H253	REMOVE OR REPLACE F/FB-111 TEST POINT CONTROLLER OR STIMULUS CONTROLLER SRUs	100
L469	ISOLATE MALFUNCTION IN F/FB-111 ATTACK RADAR SET ELECTRICAL SYNCHRONIZERS	100
H228	ISOLATE MALFUNCTIONS IN F/FB-111 COUNTER TIMERS USING SCHEMATICS	100
H227	ISOLATE MALFUNCTIONS IN F/FB-111 COUNTER TIMERS USING MAINTENANCE TAPE	100
L459	BENCH CHECK F/FB-111 LARARTs	95
L449	ALIGN F/FB-111 LOW ALTITUDE RADAR ALTIMETER RECEIVER TRANSMITTERS (LARART)	95
L466	CONFIDENCE CHECK F/FB-111 12A6875 TEST STATIONS	95
L450	ALIGN F/FB-111 TERRAIN FOLLOWING COMPUTERS	90
L487	ISOLATE MALFUNCTIONS IN F/FB-111 12A6875 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	90
L488	ISOLATE MALFUNCTIONS IN F/FB-111 12A6875 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	90
L526	REMOVE OR REPLACE F/FB-111 12A6875 TEST STATION SRU COMPONENTS	90
L527	REMOVE OR REPLACE F/FB-111 12A6875 TEST STATION TRU SRUs	90
L494	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6875 TEST STATIONS	86
L528	REMOVE OR REPLACE F/FB-111 12A6875 TEST STATION TRUs	86
L486	ISOLATE MALFUNCTIONS IN F/FB-111 12A6875 TEST STATIONS USING MAINTENANCE TEST ONLY	57

IVc. 12A6815 TEST STATION PERSONNEL
(GRP157, N=7)

TASKS		PERCENT MEMBERS PERFORMING
L473	ISOLATE MALFUNCTIONS IN F/FB-111 INDICATOR RECORDERS	100
L457	BENCH CHECK F/FB-111 INDICATOR RECORDERS	100
L447	ALIGN F/FB-111 INDICATOR RECORDERS	100
L469	ISOLATE MALFUNCTIONS IN F/FB-111 ATTACK RADAR SET ELECTRICAL SYNCHRONIZERS	100
L444	ALIGN F/FB-111 ATTACK RADAR SET ELECTRICAL SYNCHRONIZERS	100
L481	ISOLATE MALFUNCTIONS IN F/FB-111 12A6815 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	100
H251	REMOVE OR REPLACE F/FB-111 RELAY CAN COMPONENTS	100
L475	ISOLATE MALFUNCTIONS IN F/FB-111 LARARTs	100
G218	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST EQUIPMENT LIGHT BULBS, FUSES, OR MINOR HARDWARE	100
G200	PERFORM PERIODIC INSPECTIONS OF F/FB-111 TEST STATIONS	100
L459	BENCH CHECK F/FB-111 LARARTs	100
L521	REMOVE OR REPLACE F/FB-111 12A6815 TEST STATION TESTER REPLACEABLE UNIT (TRU) SRUs	100
G214	REMOVE OR REPLACE F/FB-111 LRU PINS OR CONNECTORS	100
L453	BENCH CHECK F/FB-111 ATTACK RADAR SET ELECTRICAL SYNCHRONIZERS	86
L479	ISOLATE MALFUNCTIONS IN F/FB-111 TERRAIN FOLLOWING INDICATORS	86
L520	REMOVE OR REPLACE F/FB-111 12A6815 TEST STATION SRU COMPONENTS	86
L498	REMOVE OR REPLACE F/FB-111 ATTACK ARDAR SET ELECTRICAL SYNCHRONIZER SRUs	86
L507	REMOVE OR REPLACE F/FB-111 INDICATOR RECORDER SRUs	86
H248	REMOVE OR REPLACE F/FB-111 PPG SRU COMPONENTS	86
L482	ISOLATE MALFUNCTIONS IN F/FB-111 12A6815 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	86
H237	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT OR STIMULUS RELAY CANS USING MANUAL PROGRAMMING AND SCHEMATICS	86
E133	MAKE ENTRIES ON SERVICEABLE TAG MATERIEL FORMS (DD FORM 1574)	86
L493	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6815 TEST STATIONS	86
L464	CONFIDENCE CHECK F/FB-111 12A6815 TEST STATIONS	86
L522	REMOVE OR REPLACE F/FB-111 12A6815 TEST STATION TRUs	71

IVd. JUNIOR 12A6875 TEST STATION PERSONNEL (GRP168, N=6)

TASKS		PERCENT MEMBERS PERFORMING
L478	ISOLATE MALFUNCTIONS IN F/FB-111 TERRAIN FOLLOWING COMPUTERS	100
L450	ALIGN F/FB-111 TERRAIN FOLLOWING COMPUTERS	100
L462	BENCH CHECK F/FB-111 TERRAIN FOLLOWING COMPUTERS	100
E122	MAKE ENTRIES ON MAINTENANCE DATA COLLECTION RECORD FORMS	100
E130	MAKE ENTRIES ON REPARABLE ITEM PROCESSING TAG (AFTO FORM 350)	100
L459	BENCH CHECK F/FB-111 LARARTs	100
L475	ISOLATE MALFUNCTIONS IN F/FB-111 LARARTs	100
L449	ALIGN F/FB-111 LOW ALTITUDE RADAR ALTIMETER RECEIVER TRANSMITTERS (LARART)	100
L473	ISOLATE MALFUNCTIONS IN F/FB-111 INDICATOR RECORDERS	100
L447	ALIGN F/FB-111 INDICATOR RECORDERS	100
L457	BENCH CHECK F/FB-111 INDICATOR RECORDERS	100
L451	ALIGN F/FB-111 TERRAIN FOLLOWING INDICATORS	100
L463	BENCH CHECK F/FB-111 TERRAIN FOLLOWING INDICATORS	100
G200	PERFORM PERIODIC INSPECTIONS OF F/FB-111 TEST STATIONS	100
L460	BENCH CHECK F/FB-111 LOW ALTITUDE MONITORS	100
L476	ISOLATE MALFUNCTIONS IN F/FB-111 LOW ALTITUDE MONITORS	100
H251	REMOVE OR REPLACE F/FB-111 RELAY CAN COMPONENTS	100
E140	MAKE ENTRIES ON UNSERVICEABLE (CONDEMNED) TAG MATERIEL (DD FORM 1577)	100
L483	ISOLATE MALFUNCTIONS IN F/FB-111 12A6875 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	83
L494	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6875 TEST STATIONS	83
L486	ISOLATE MALFUNCTIONS IN F/FB-111 12A6875 TEST STATIONS USING MAINTENANCE TEST ONLY	83
L487	ISOLATE MALFUNCTIONS IN F/FB-111 12A6875 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	83
L526	REMOVE OR REPLACE F/FB-111 12A6875 TEST STATION SRU COMPONENTS	67
L527	REMOVE OR REPLACE F/FB-111 12A6875 TEST STATION TRU SRUs	67
L466	CONFIDENCE CHECK F/FB-111 12A6875 TEST STATIONS	67

IVe. 12A6886 TEST STATION PERSONNEL
(GRP097, N=21)

TASKS		PERCENT MEMBERS PERFORMING
L450	ALIGN F/FB-111 TERRAIN FOLLOWING COMPUTERS	100
L462	BENCH CHECK F/FB-111 TERRAIN FOLLOWING COMPUTERS	100
L517	REMOVE OR REPLACE F/FB-111 TERRAIN FOLLOWING COMPUTER SRUs	100
L490	ISOLATE MALFUNCTIONS IN F/FB-111 12A6885 TEST STATIONS	100
H235	ISOLATE MALFUNCTIONS IN F/FB-111 STIMULUS CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	100
H236	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	100
L478	ISOLATE MALFUNCTIONS IN F/FB-111 TERRAIN FOLLOWING COMPUTERS	95
L491	ISOLATE MALFUNCTIONS IN F/FB-111 12A6885 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	90
L471	ISOLATE MALFUNCTIONS IN F/FB-111 DDPUs	90
L455	BENCH CHECK F/FB-111 DIGITAL DOPPLER PROCESSING UNITS (DDPU)	90
L503	REMOVE OR REPLACE F/FB-111 DDPU SRUs	90
L474	ISOLATE MALFUNCTIONS IN F/FB-111 INTERFERENCE BLANKERS	90
H237	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT OR STIMULUS RELAY CANS USING MANUAL PROGRAMMING AND SCHEMATICS	90
L458	BENCH CHECK F/FB-111 INTERFERENCE BLANKERS	90
F155	ORDER PARTS BY TELEPHONE	86
L472	ISOLATE MALFUNCTIONS IN F/FB-111 ELECTRONIC PROCESSING UNITS	86
L456	BENCH CHECK F/FB-111 ELECTRONIC PROCESSING UNITS	86
E134	MAKE ENTRIES ON SIGNIFICANT HISTORICAL DATA (AFTO FORM 95)	86
L467	CONFIDENCE CHECK F/FB-111 12A6885 TEST STATIONS	81
L513	REMOVE OR REPLACE F/FB-111 LOW ALTITUDE MONITOR SRUs	81
L489	ISOLATE MALFUNCTIONS IN F/FB-111 12A6885 TEST STATIONS USING MAINTENANCE TEST ONLY	52
L446	ALIGN F/FB-111 ELECTRONIC PROCESSING UNITS	52
L445	ALIGN F/FB-111 DIGITAL DOPPLER PROCESSING UNITS	52

V. CONTROLS, SENSORS, INDICATORS, AND MODULES MAINTAINERS (GRP079, N=24)

TASKS		PERCENT MEMBERS PERFORMING
E122	MAKE ENTRIES ON MAINTENANCE DATA COLLECTION RECORD (AFTO FORM 349)	100
E130	MAKE ENTRIES ON REPARABLE ITEM PROCESSING TAG (AFTO FORM 350)	100
J305	BENCH CHECK F/FB-111 INDICATORS ASSIGNED TO 12A6846, 12A6876, OR 12A6886 TEST STATIONS	100
H251	REMOVE OR REPLACE F/FB-111 RELAY CAN COMPONENTS	96
H237	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT OR STIMULUS RELAY CANS USING MANUAL PROGRAMMING AND SCHEMATICS	96
H235	ISOLATE MALFUNCTIONS IN F/FB-111 STIMULUS CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	96
G217	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST PACKAGE PINS OR CONNECTORS	96
G218	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST EQUIPMENT LIGHT BULBS, FUSES, OR MINOR HARDWARE	96
J307	BENCH CHECK F/FB-111 MODULES ASSIGNED TO 12A6846, 12A6876, OR 12A6886 TEST STATIONS	96
G186	INSPECT AND CLEAN F/FB-111 TEST STATIONS, SIMULATORS, MOCKUPS, OR LINE REPLACEABLE UNITS (LRU)	96
G214	REMOVE OR REPLACE F/FB-111 *LRU PINS OR CONNECTORS*	96
H236	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	92
E134	MAKE ENTRIES ON SIGNIFICANT HISTORICAL DATA (AFTO FORM 95)	92
F155	ORDER PARTS BY TELEPHONE	92
F165	RESEARCH MICROFICHE FOR PART INFORMATION	92
J322	ISOLATE MALFUNCTIONS IN F/FB-111 ARS LOW VOLTAGE POWER SUPPLIES	88
E141	MAKE ENTRIES ON UNSERVICEABLE (REPARABLE) TAG MATERIEL (DD FORM 1577-2)	88
J323	ISOLATE MALFUNCTIONS IN F/FB-111 CONTROLS, SENSORS, INDICATORS, OR MODULES TO SRU	88
H253	REMOVE OR REPLACE F/FB-111 TEST POINT CONTROLLER OR STIMULUS CONTROLLER SRU'S	88
J304	BENCH CHECK F/FB-111 CONTROLS, SENSORS, INDICATORS, OR MODULES EXCEPT ARS ANTENNA INDICATOR CONTROLS	88
J302	BENCH CHECK F/FB-111 AUXILIARY FLIGHT REFERENCE SYSTEM (AFRS) ELECTRONIC CONTROL AMPLIFIERS (COMPASS ECA)	83
J321	ISOLATE MALFUNCTIONS IN F/FB-111 AFRS ELECTRONIC CONTROL AMPLIFIERS	83
J303	BENCH CHECK F/FB-111 CONTROL BOXES ASSIGNED TO 12A6846, 12A6876, OR 12A6886 TEST STATIONS	83
J308	BENCH CHECK F/FB-111 SENSORS ASSIGNED TO 12A6846, 12A6876, OR 12A6886 TEST STATIONS	83
J324	ISOLATE MALFUNCTIONS IN F/FB-111 CONTROLS, SENSORS, INDICATORS, OR MODULES TO SRU COMPONENT	67

Va. 12A6886 TEST STATION PERSONNEL
(GRP119, N=14)

TASKS		PERCENT MEMBERS PERFORMING
E122	MAKE ENTRIES ON MAINTENANCE DATA COLLECTION RECORD (AFTO FORM 349)	100
E130	MAKE ENTRIES ON REPARABLE ITEM PROCESSING TAG (AFTO FORM 350)	100
J322	ISOLATE MALFUNCTIONS IN F/FB-111 ARS LOW VOLTAGE POWER SUPPLIES	100
J356	REMOVE OR REPLACE F/FB-111 INERTIAL BATTERY UNIT SRUs	100
J305	BENCH CHECK F/FB-111 INDICATORS ASSIGNED TO 12A6846, 12A6876, OR 12A6886 TEST STATIONS	100
J304	BENCH CHECK F/FB-111 CONTROLS, SENSORS, INDICATORS, OR MODULES EXCEPT ARS ANTENNA INDICATOR CONTROLS	100
J307	BENCH CHECK F/FB-111 MDOULES ASSIGNED TO 12A6846, 12A6876, OR 12A6886 TEST STATIONS	100
H235	ISOLATE MALFUNCTIONS IN F/FB-111 STIMULUS CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	93
H236	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	93
J300	BENCH CHECK F-111D TF AMP/PSs	93
J353	REMOVE OR REPLACE F/FB-111 AUXILIARY FLIGHT REFERENCE SYSTEM ELECTRONIC CONTROL AMPLIFIER SRUs	93
J341	ISOLATE MALFUNCTIONS IN F/FB-111 12A6886 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	93
J303	BENCH CHECK F/FB-111 CONTROL BOXES ASSIGNED TO 12A6846, OR 12A6876, OR 12A6886 TEST STATIONS	93
J321	ISOLATE MALFUNCTIONS IN F/FB-111 AFRS ELECTRONIC CONTROL AMPLIFIERS	93
J323	ISOLATE MALFUNCTIONS IN F/FB-111 CONTROLS, SENSORS, INDICATORS, OR MODULES TO SRU	93
J308	BENCH CHECK F/FB-111 SENSORS ASSIGNED 12A6846, 12A6876, OR 12A6886 TEST STATIONS	93
J372	REMOVE OR REPLACE F/FB-111 12A6886 TEST STATION TRU SRUs	93
J314	CONFIDENCE CHECK F/FB-111 12A6886 TEST STATIONS	93
H253	REMOVE OR REPLACE F/FB-111 TEST POINT CONTROLLER OR STIMULUS CONTROLLER SRUs	93
J373	REMOVE OR REPLACE F/FB-111 12A6886 TEST STATION TRUs	93
J371	REMOVE OR REPLACE F/FB-111 12A6886 TEST STATION SRU COMPONENTS	86
J342	ISOLATE MALFUNCTIONS IN F/FB-111 12A6886 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	86
J349	REMOVE OR REPLACE F-111D ARS ROLL PEDESTAL SRUs	86
J354	REMOVE OR REPLACE F/FB-111 CONTROL, SENSOR, INDICATOR OR MODULE SRUs	86
J346	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6886 TEST STATIONS	86

Vb. 12A6846 TEST STATION PERSONNEL
(GRP130, N=10)

TASKS		PERCENT MEMBERS PERFORMING
H251	REMOVE OR REPLACE F/FB-111 RELAY CAN COMPONENTS	100
H237	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT OR STIMULUS RELAY CANS USING MANUAL PROGRAMMING AND SCHEMATICS	100
J305	BENCH CHECK F/FB-111 INDICATORS ASSIGNED TO 12A6846, 12A6876, OR 12A6886 TEST STATIONS	100
H235	ISOLATE MALFUNCTIONS IN F/FB-111 STIMULUS CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	100
E122	MAKE ENTRIES ON MAINTENANCE DATA COLLECTION RECORD (AFTO FORM 349)	100
E130	MAKE ENTRIES ON REPARABLE ITEM PROCESSING TAG (AFTO FORM 350)	100
F155	ORDER PARTS BY TELEPHONE	100
E141	MAKE ENTRIES ON UNSERVICEABLE (REPARABLE) TAG MATERIEL (DD FORM 1577-2)	100
J335	ISOLATE MALFUNCTIONS IN F/FB-111 12A6846 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	90
J312	CONFIDENCE CHECK F/FB-111 12A6846 TEST STATIONS	90
E134	MAKE ENTRIES ON SIGNIFICANT HISTORICAL DATA (AFTO FORM 95)	90
G218	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST EQUIPMENT LIGHT BULBS, FUSES, OR MINOR HARDWARE	90
J307	BENCH CHECK F/FB-111 MODULES ASSIGNED TO 12A6846, 12A6876, OR 12A6886 TEST STATIONS	90
G186	INSPECT AND CLEAN F/FB-111 TEST STATIONS, SIMULATORS, MOCKUPS, OR LINE REPLACEABLE UNITS (LRU)	90
H247	REMOVE OR REPLACE F/FB-111 PHASE SENSITIVE CONVERTERS (PSC) FROM PSCRT TRUs	90
G216	REMOVE OR REPLACE F/FB-111 SOLDERLESS CIRCUIT CARD COMPONENTS	90
J344	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6846 TEST STATIONS	80
J366	REMOVE OR REPLACE F/FB-111 12A6846 TEST STATION TRUs	80
J334	ISOLATE MALFUNCTIONS IN F/FB-111 12A6846 TEST STATIONS	80
J365	REMOVE OR REPLACE F/FB-111 12A6846 TEST STATION SRU COMPONENTS	80
J336	ISOLATE MALFUNCTIONS IN F/FB-111 12A6846 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	70
J367	REMOVE OR REPLACE F/FB-111 12A6846 TEST STATION TRU SRUs	70
F159	PREPARE AVIONICS EQUIPMENT FOR TURN IN	70
G219	REMOVE OR REPLACE F/FB-111 TESTER REPLACEABLE UNITS (TRU)	70

VI. COMPUTER MAINTENANCE PERSONNEL
(GRP066, N=44)

TASKS		PERCENT MEMBERS PERFORMING
K400	ISOLATE MALFUNCTIONS IN F/FB-111 FEEL AND TRIM ASSEMBLIES	98
K428	REMOVE OR REPLACE F/FB-111 FEEL AND TRIM ASSEMBLY COMPONENTS	95
K431	REMOVE OR REPLACE F/FB-111 FLIGHT CONTROL COMPUTER SRUs	95
K402	ISOLATE MALFUNCTIONS IN F/FB-111 FLIGHT CONTROL COMPUTERS	95
K381	BENCH CHECK F/FB-111 FEEL AND TRIM ASSEMBLIES	93
K429	REMOVE OR REPLACE F/FB-111 FEEL AND TRIM ASSEMBLY SRUs	93
K382	BENCH CHECK F/FB-111 FLIGHT CONTROL COMPUTERS	93
H235	ISOLATE MALFUNCTIONS IN F/FB-111 STIMULUS CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	93
H236	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	91
G186	INSPECT AND CLEAN F/FB-111 TEST STATIONS, SIMULATORS, MOCKUPS, OR LINE REPLACEABLE UNITS (LRU)	91
G218	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST EQUIPMENT LIGHT BULBS, FUSES, OR MINOR HARDWARE	91
E122	MAKE ENTRIES ON MAINTENANCE DATA COLLECTION RECORD (AFTO FORM 349)	86
K378	BENCH CHECK F/FB-111 BALLISTICS COMPUTER UNITS	70
K407	ISOLATE MALFUNCTIONS IN F/FB-111 12A16803 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	68
K430	REMOVE OR REPLACE F/FB-111 FLIGHT CONTROL COMPUTER COMPONENTS	68
K376	BENCH CHECK F/FB-111 AJQ-20 NAVIGATION COMPUTER UNITS	66
K387	ISOLATE MALFUNCTIONS IN F/FB-111 AJQ-20 NAVIGATION COMPUTER UNITS	66
K392	ISOLATE MALFUNCTIONS IN F/FB-111 BALLISTICS COMPUTER UNITS	64
K415	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A16803 TEST STATIONS	64
K384	CONFIDENCE CHECK F/FB-111 12A16803 TEST STATIONS	64
K403	ISOLATE MALFUNCTIONS IN F/FB-111 FLIGHT CONTROL COMPUTER COMPONENTS	64
K422	REMOVE OR REPLACE F/FB-111 BALLISTIC COMPUTER UNIT SRUs	61
K408	ISOLATE MALFUNCTIONS IN F/FB-111 12A16803 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	59
K418	REMOVE OR REPLACE F/FB-111 AJQ-130 NAVIGATION COMPUTER UNIT SHOP REPLACEABLE UNITS (SRU)	57

VIa. CENTRAL PROCESSORS AND CONTROLLERS (CENPAC) AND 12A16803 COMPUTER TEST STATION PERSONNEL
(GRP183, N=6)

TASKS		PERCENT MEMBERS PERFORMING
I255	ALIGN F/FB-111 MTU CIRCUIT CARDS	100
I265	ISOLATE MALFUNCTIONS IN F/FB-111 CENPACs USING DIAGNOSTIC TAPES AND SCHEMATICS	100
G218	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST EQUIPMENT LIGHT BULBS, FUSES, OR MINOR HARDWARE	100
K429	REMOVE OR REPLACE F/FB-111 FEEL AND TRIM ASSEMBLY SRUs	100
I257	ALIGN F/FB-111 TELETYPEWRITERS	100
I283	REMOVE OR REPLACE F/FB-111 MTU VACUUM CHAMBER LIGHTS	100
G200	PERFORM PERIODIC INSPECTIONS OF F/FB-111 TEST STATIONS	100
I264	ISOLATE MALFUNCTIONS IN F/FB-111 CENPACS USING DIAGNOSTIC TAPES ONLY	100
K407	ISOLATE MALFUNCTIONS IN F/FB-111 12A16803 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	100
I263	ISOLATE MALFUNCTIONS IN F/FB-111 CENPAC'S USING COMPUTER EXERCISE TEST PANELS (CETP)	100
I274	REMOVE OR REPLACE F/FB-111 CENPAC SRUs	100
I269	LOAD F/FB-111 CENPAC BOOTSTRAPS	100
K434	REMOVE OR REPLACE F/FB-111 12A16803 TEST STATION SRU COMPONENTS	100
K435	REMOVE OR REPLACE F/FB-111 12A16803 TEST STATION TESTER REPLACEABLE UNITS (TRU)	100
K436	REMOVE OR REPLACE F/FB-111 12A16803 TEST STATION TRU SRUs	100
I272	REMOVE OR REPLACE F/FB-111 CENPAC COMPUTER POWER SUPPLY COMPONENTS	100
I275	REMOVE OR REPLACE F/FB-111 CENPAC TELETYPEWRITERS	100
I273	REMOVE OR REPLACE F/FB-111 CENPAC PUNCHED TAPE READERS	100
I266	ISOLATE MALFUNCTIONS IN F/FB-111 CENPAC'S USING SHOP REPLACEABLE UNITS (SRU) AND DIAGNOSTIC PROCEDURES	83
I262	ISOLATE MALFUNCTIONS IN F/FB-111 CENPAC TELETYPEWRITERS	83
I259	COPY F/FB-111 CENPAC TAPES	83
K408	ISOLATE MALFUNCTIONS IN F/FB-111 12A16803 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	83
I288	UPDATE F/FB-111 CENPAC TAPES	83
K406	ISOLATE MALFUNCTIONS IN F/FB-111 12A16803 TEST STATIONS USING MAINTENANCE TEST ONLY	83
K384	CONFIDENCE CHECK F/FB-111 12A16803 TEST STATIONS	67

VIb. 12A16803 AND 12A16846 TEST STATION PERSONNEL (GRP161, N=21)

TASKS		PERCENT MEMBERS PERFORMING
K407	ISOLATE MALFUNCTIONS IN F/FB-111 12A16803 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	100
K400	ISOLATE MALFUNCTIONS IN F/FB-111 FEEL AND TRIM ASSEMBLIES	100
K382	BENCH CHECK F/FB-111 FLIGHT CONTROL COMPUTERS	100
K428	REMOVE OR REPLACE F/FB-111 FEEL AND TRIM ASSEMBLY COMPONENTS	100
K431	REMOVE OR REPLACE F/FB-111 FLIGHT CONTROL COMPUTER SRUs	100
H236	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	100
H235	ISOLATE MALFUNCTIONS IN F/FB-111 STIMULUS CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	100
K378	BENCH CHECK F/FB-111 BALLISTIC COMPUTER UNITS	100
K402	ISOLATE MALFUNCTIONS IN F/FB-111 FLIGHT CONTROL COMPUTERS	100
K381	BENCH CHECK F/FB-111 FEEL AND TRIM ASSEMBLIES	95
K408	ISOLATE MALFUNCTIONS IN F/FB-111 12A16803 TEST STATIONS	95
E122	MAKE ENTRIES ON MAINTENANCE DATA COLLECTION RECORD (AFTO FORM 349)	95
K434	REMOVE OR REPLACE F/FB-111 12A16803 TEST STATION SRU COMPONENTS	95
K384	CONFIDENCE CHECK F/FB-111 12A16803 TEST STATIONS	90
K376	BENCH STOCK F/FB-111 AJQ-20 NAVIGATION COMPUTER UNITS	86
K387	ISOLATE MALFUNCTIONS IN F/FB-111 AJQ-20 NAVIGATION COMPUTER UNITS	86
K435	REMOVE OR REPLACE F/FB-111 12A16803 TEST STATION TESTER REPLACEABLE UNITS (TRU)	86
K436	REMOVE OR REPLACE F/FB-111 12A16803 TEST STATION TRU SRUs	81
K406	ISOLATE MALFUNCTIONS IN F/FB-111 12A16803 TEST STATIONS USING MAINTENANCE TEST ONLY	71
J336	ISOLATE MALFUNCTIONS IN F/FB-111 12A16846 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	71
J367	REMOVE OR REPLACE F/FB-111 12A16846 TEST STATION TRU SRUs	71
J365	REMOVE OR REPLACE F/FB-111 12A16846 TEST STATION SRU COMPONENTS	71
J344	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6846 TEST STATIONS	71
K391	ISOLATE MALFUNCTIONS IN F/FB-111 BALLISTICS COMPUTER UNIT COMPONENTS	67
J366	REMOVE OR REPLACE F/FB-111 12A16846 TEST STATION TRUs	67

VIc. 12A6873 TEST STATION PERSONNEL
(GRP084, N=11)

TASKS		PERCENT MEMBERS PERFORMING
G186	INSPECT AND CLEAN F/FB-111 TEST STATIONS, SIMULATORS, MOCKUPS, OR LINE REPLACEABLE UNITS (LRU)	100
K411	ISOLATE MALFUNCTIONS IN F/FB-111 12A6873 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	100
K410	ISOLATE MALFUNCTIONS IN F/FB-111 12A6873 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	100
K416	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6873 TEST STATIONS	100
H252	REMOVE OR REPLACE F/FB-111 RELAY CAN SRUs	100
K438	REMOVE OR REPLACE F/FB-111 12A6873 TEST STATION TRU SRUs	100
G185	INSPECT AND CLEAN F/FB-111 TEST STATION FILTERS	100
H240	REMOVE OR REPLACE F/FB-111 COUNTER TIMER SHOP REPLACEABLE UNIT (SRU) COMPONENTS	100
H241	REMOVE OR REPLACE F/FB-111 COUNTER TIMER SRUs	100
H243	REMOVE OR REPLACE F/FB-111 DATAC SRUs	100
K437	REMOVE OR REPLACE F/FB-111 12A6873 TEST STATION SRU COMPONENTS	100
K385	CONFIDENCE CHECK F/FB-111 12A6873 TEST STATIONS	100
K428	REMOVE OR REPLACE F/FB-111 FEEL AND TRIMASSEMBLY COMPONENTS	91
K402	ISOLATE MALFUNCTIONS IN F/FB-111 FLIGHT CONTROL COMPUTERS	91
H229	ISOLATE MALFUNCTIONS IN F/FB-111 DATAC'S USING SCHEMATICS	91
K439	REMOVE OR REPLACE F/FB-111 12A6873 TEST STATION TRUs	91
H235	ISOLATE MALFUNCTIONS IN F/FB-111 STIMULUS CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	82
K396	ISOLATE MALFUNCTIONS IN F/FB-111 CONVERTER SETS	82
K429	REMOVE OR REPLACE F/FB-111 FEEL AND TRIM ASSEMBLY SRUs	82
K431	REMOVE OR REPLACE F/FB-111 FLIGHT CONTROL COMPUTER SRUs	82
K427	REMOVE OR REPLACE F/FB-111 CONVERTER SET SRUs	82
K432	REMOVE OR REPLACE F/FB-111 FLIGHT CONTROL COMPUTER COMPONENTS	82
K382	BENCH CHECK F/FB-111 FLIGHT CONTROL COMPUTERS	82
K381	BENCH CHECK FFB-111 FEEL AND TRIM ASSEMBLIES	82
K409	ISOLATE MALFUNCTIONS IN F/FB-111 12A6873 TEST STATIONS USING MAINTENANCE TEST ONLY	82

VId. JUNIOR COMPUTER TEST STATION PERSONNEL
(GRP117, N=6)

TASKS		PERCENT MEMBERS *PERFORMING*
E122	MAKE ENTRIES ON MAINTENANCE DATA COLLECTION RECORD (AFTO FORM 349)	100
E134	MAKE ENTRIES ON SIGNIFICANT HISTORICAL DATA (AFTO FORM 95)	100
K382	BENCH CHECK F/FB-111 FLIGHT CONTROL COMPUTERS	100
K387	ISOLATE MALFUNCTIONS IN F/FB-111 AJQ-20 NAVIGATION COMPUTER UNITS	100
K376	BENCH CHECK F/FB-111 AJQ-20 NAVIGATION COMPUTER UNITS	100
K381	BENCH CHECK F/FB-111 FEEL AND TRIM ASSEMBLIES	100
K400	ISOLATE MALFUNCTIONS IN F/FB-111 FEEL AND TRIM ASSEMBLIES	100
E130	MAKE ENTRIES ON REPARABLE ITEM PROCESSING TAG (AFTO FORM 350)	100
K431	REMOVE OR REPLACE F/FB-111 FLIGHT CONTROL COMPUTER SRUs	100
K429	REMOVE OR REPLACE F/FB-111 FEEL AND TRIM ASSEMBLY SRUs	100
F155	ORDER PARTS BY TELEPHONE	100
G214	REMOVE OR REPLACE F/FB-111 LRU PINS OR CONNECTORS	100
K428	REMOVE OR REPLACE F/FB-111 FEEL AND TRIM ASSEMBLY COMPONENTS	83
E133	MAKE ENTRIES ON SERVICEABLE TAG MATERIEL FORMS (DD FORM 1574)	83
K402	ISOLATE MALFUNCTIONS IN F/FB-111 FLIGHT CONTROL COMPUTERS	83
E120	MAKE ENTRIES ON ISSUE/TURN IN REQUEST FORMS (AF Form 2005)	83
F164	RESEARCH MANUALS FOR PART NUMBERS	83
F165	RESEARCH MICROFICHE FOR PART INFORMATION	83
H235	ISOLATE MALFUNCTIONS IN F/FB-111 STIMULUS CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	83
G218	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST EQUIPMENT LIGHT BULBS, FUSES, OR MINOR HARDWARE	83
H237	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT OR STIMULUS RELAY CANS USING MANUAL PROGRAMMING AND SCHEMATICS	83
G185	INSPECT AND CLEAN F/FB-111 TEST STATION FILTERS	83
G217	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST PACKAGE PINS OR CONNECTORS	83
K418	REMOVE OR REPLACE F/FB-111 AJQ-20 NAVIGATION COMPUTER UNIT SHOP REPLACEABLE UNITS (SRU)	67
E141	MAKE ENTRIES ON UNSERVICEABLE (REPARABLE) TAG MATERIEL (DD FORM 1577-2)	67

VII. RECEIVER-TRANSMITTER-MODULATOR TEST STATION PERSONNEL (GRP083, N=51)

	TASKS	PERCENT MEMBERS PERFORMING
N575	ISOLATE MALFUNCTIONS IN F/FB-111 TERRAIN FOLLOWING RADAR ANTENNA RECEIVERS	96
E134	MAKE ENTRIES ON SIGNIFICANT HISTORICAL DATA (AFTO FORM 95)	96
F165	RESEARCH MICROFICHE FOR PART INFORMATION	96
N559	ALIGN F/FB-111 TERRAIN FOLLOWING RADAR ANTENNA RECEIVERS	92
F155	ORDER PARTS BY TELEPHONE	92
E130	MAKE ENTRIES ON REPARABLE ITEM PROCESSING TAG (AFTO FORM 350)	90
N565	BENCH CHECK F/FB-111 TERRAIN FOLLOWING RADAR ANTENNA	90
G186	INSPECT AND CLEAN F/FB-111 TEST STATIONS, SIMULATORS, MOCKUPS, OR LINE REPLACEABLE UNITS (LRU)	90
G200	PERFORM PERIODIC INSPECTIONS OF F/FB-111 TEST STATIONS	90
N560	ALIGN F/FB-111 TERRAIN FOLLOWING RADAR TRANSMITTER SYNCHRONIZERS	88
N566	BENCH CHECK F/FB-111 TERRAIN FOLLOWING RADAR TRANSMITTER SYNCHRONIZERS	86
E141	MAKE ENTRIES ON UNSERVICEABLE (REPARABLE) TAG MATERIAL (DD FORM 1577-2)	86
G219	REMOVE OR REPLACE F/FB-111 TESTER REPLACEABLE UNITS (TRU)	86
H235	ISOLATE MALFUNCTIONS IN F/FB-111 STIMULUS CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING TEST POINTS, SCHEMATICS	86
G217	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST PACKAGE PINS OR CONNECTORS	86
N599	REMOVE OR REPLACE F/FB-111 TERRAIN FOLLOWING RADAR ANTENNA RECEIVER SRUs	84
N576	ISOLATE MALFUNCTIONS IN F/FB-111 TERRAIN FOLLOWING RADAR TRANSMITTER SYNCHRONIZERS	84
N601	REMOVE OR REPLACE F/FB-111 TERRAIN FOLLOWING RADAR TRANSMITTER SYNCHRONIZER SRUs	80
N600	REMOVE OR REPLACE F/FB-111 TERRAIN FOLLOWING RADAR ANTENNA RECEIVER COMPONENTS	69
N574	ISOLATE MALFUNCTIONS IN F/FB-111 MODULAR RECEIVER TRANSMITTERS	61
N558	ALIGN F/FB-111 MODULAR RECEIVER TRANSMITTERS	61
N602	REMOVE OR REPLACE F/FB-111 TERRAIN FOLLOWING RADAR TRANSMITTER SYNCHRONIZER COMPONENTS	61
N564	BENCH CHECK F/FB-111 MDOULATOR RECEIVER TRANSMITTERS	57

VIIa. 12A16882 TEST STATION PERSONNEL
(GRP099, N=20)

TASKS		PERCENT MEMBERS PERFORMING
N575	ISOLATE MALFUNCTIONS IN F/FB-111 TERRAIN FOLLOWING RADAR RECEIVERS	100
N565	BENCH CHECK F/FB-111 TERRAIN FOLLOWING RADAR ANTENNA	95
F155	ORDER PARTS BY TELEPHONE	95
E134	MAKE ENTRIES ON SIGNIFICANT HISTORICAL DATA (AFTO FORM 95)	95
N561	BENCH CHECK F/FB-111 APQ-130 TRANSMITTERS	95
N562	BENCH CHECK F/FB-111 MASTER FREQUENCY GENERATORS	95
N566	BENCH CHECK F/FB-111 TERRAIN FOLLOWING RADAR TRANSMITTER SYNCHRONIZERS	95
N610	REMOVE OR REPLACE F/FB-111 12A16882 TEST STATION TRU SRUs	95
N584	ISOLATE MALFUNCTIONS IN F/FB-111 12A16882 TEST STATION USING MAINTENANCT TEST, TEST EQUIPMENT, AND SCHEMATICS	95
N560	ALIGN F/FB-111 TERRAIN FOLLOWING RADAR TRANSMITTER SYNCHRONIZERS	95
N572	ISOLATE MALFUNCTIONS IN F/FB-111 MASTER FREQUENCY GENERATORS	95
N557	ALIGN F/FB-111 MICROWAVE RECEIVER UNITS	95
F165	RESEARCH MICROFICHE FOR PART INFORMATION	95
N556	ALIGN F/FB-111 MASTER FREQUENCY GENERATORS	95
N559	ALIGN F/FB-111 TERRAIN FOLLOWING RADAR ANTENNA RECEIVERS	90
N585	ISOLATE MALFUNCTIONS IN F/FB-111 12A16882 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	90
N609	REMOVE OR REPLACE F/FB-111 12A16882 TEST STATION SRU COMPONENTS	90
N611	REMOVE OR REPLACE F/FB-111 12A16882 TEST STATION TRUs	90
N563	BENCH CHECK F/FB-111 MICROWAVE RECEIVER UNITS	90
N555	ALIGN F/FB-111 APQ-130 TRANSMITTERS	90
N569	CONFIDENCE CHECK F/FB-111 12A16882 TEST STATIONS	85
N590	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A16882 TEST STATIONS	80
N583	ISOLATE MALFUNCTIONS IN F/FB-111 12A16882 TEST STATIONS USING MAINTENANCE TEST ONLY	70

VIIb. 12A6872 TEST STATION PERSONNEL
(GRP244, N=8)

TASKS		PERCENT MEMBERS PERFORMING
N564	BENCH CHECK F/FB-111 MODULATOR RECEIVER TRANSMITTERS	100
N597	REMOVE OR REPLACE F/FB-111 MODULATOR RECEIVER TRANSMITTER SRUs	100
N574	ISOLATE MALFUNCTIONS IN F/FB-111 MODULAR RECEIVER TRANSMITTERS	100
N558	ALIGN F/FB-111 MODULAR RECEIVER TRANSMITTERS	100
N581	ISOLATE MALFUNCTIONS IN F/FB-111 12A6872 TEST STATION USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	100
N582	ISOLATE MALFUNCTIONS IN F/FB-111 12A6872 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	100
E130	MAKE ENTRIES ON REPARABLE ITEM PROCESSING TAG (AFTO FORM 350)	100
H237	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT OR STIMULUS RELAY CANS USING MANUAL PROGRAMMING AND SCHEMATICS	100
E122	MAKE ENTRIES ON MAINTENANCE DATA COLLECTION RECORD (AFTO FORM 349)	100
E133	MAKE ENTRIES ON SERVICEABLE TAG MATERIEL (DD FORM 1574)	100
H236	ISOLATE MALFUNCTIONS IN F/FB-111 TEST POINT CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	100
H235	ISOLATE MALFUNCTIONS IN F/FB-111 STIMULUS CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	100
F155	ORDER PARTS BY TELEPHONE	100
N598	REMOVE OR REPLACE F/FB-111 MODULATOR RECEIVER TRANSMITTER COMPONENTS	100
N607	REMOVE OR REPLACE F/FB-111 12A6872 TEST STATION TRU SRUs	100
N608	REMOVE OR REPLACE F/FB-111 12A6872 TEST STATION TRUs	100
N606	REMOVE OR REPLACE F/FB-111 12A6872 TEST STATION SRU COMPONENTS	100
N589	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6872 TEST STATIONS	100
N568	CONFIDENCE CHECK F/FB-111 12A6872 TEST STATIONS	100
G186	INSPECT AND CLEAN F/FB-111 TEST STATIONS, SIMULATORS, MOCKUPS, OR LINE REPLACEABLE UNITS (LRU)	100
G219	REMOVE OR REPLACE F/FB-111 TESTER REPLACEABLE UNITS (TRU)	100
G217	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST PACKAGE PINS OR CONNECTORS	100
G214	REMOVE OR REPLACE F/FB-111 LRU PINS OR CONNECTORS	100
H241	REMOVE OR REPLACE F/FB-111 COUNTER TIMER SRUs	100
N580	ISOLATE MALFUNCTIONS IN F/FB-111 12A6872 TEST STATIONS USING MAINTENANCE TEST ONLY	50

VIIc. 12A16802 TEST STATION PERSONNEL
(GRP236, N=14)

TASKS		PERCENT MEMBERS PERFORMING
E134	MAKE ENTRIES ON SIGNIFICANT HISTORICAL DATA (AFTO FORM 95)	100
E122	MAKE ENTRIES ON MAINTENANCE DATA COLLECTION RECORD (AFTO FORM 349)	100
N575	ISOLATE MALFUNCTIONS IN F/FB-111 TERRAIN FOLLOWING RADAR ANTENNA RECEIVERS	100
N558	ALIGN F/FB-111 MODULAR RECEIVER TRANSMITTERS	100
N559	ALIGN F/FB-111 TERRAIN FOLLOWING RADAR ANTENNA RECEIVERS	100
N576	ISOLATE MALFUNCTIONS IN F/FB-111 TERRAIN FOLLOWING RADAR TRANSMITTER SYNCHRONIZERS	100
N574	ISOLATE MALFUNCTIONS IN F/FB-111 MODULAR RECEIVER TRANSMITTERS	100
G200	PERFORM PERIODIC INSPECTIONS OF F/FB-111 TEST STATIONS	100
N578	ISOLATE MALFUNCTIONS IN FB-111 12A16802 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	100
F155	ORDER PARTS BY TELEPHONE	100
N579	ISOLATE MALFUNCTIONS IN F/FB-111 12A16802 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	100
G219	REMOVE OR REPLACE F/FB-111 TESTER REPLACEABLE UNITS (TRU)	100
G185	INSPECT AND CLEAN F/FB-111 TEST STATION FILTERS	100
G218	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST EQUIPMENT LIGHT BULBS, FUSES, OR MINOR HARDWARE	100
F165	RESEARCH MICROFICHE FOR PART INFORMATION	100
N567	CONFIDENCE CHECK F/FB-111 12A16802 TEST STATIONS	100
G214	REMOVE OR REPLACE F/FB-111 LRU PINS OR CONNECTORS	100
H235	ISOLATE MALFUNCTIONS IN F/FB-111 STIMULUS CONTROLLERS AND RELAYS USING MANUAL PROGRAMMING, TEST POINTS, SCHEMATICS	100
N603	REMOVE OR REPLACE F/FB-111 12A16802 TEST STATION SRU COMPONENTS	79
N605	REMOVE OR REPLACE F/FB-111 12A16802 REST STATION TRU SRUs	79
N604	REMOVE OR REPLACE F/FB-111 12A16802 TEST STATION TESTER REPLACEABLE UNITS (TRU)	79
N588	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A16802 TEST STATIONS	79
N577	ISOLATE MALFUNCTIONS IN F/FB-111 12A16802 TEST STATIONS USING MAINTENANCE TEST ONLY	79
N598	REMOVE OR REPLACE F/FB-111 MODULATOR RECEIVER TRANSMITTER COMPONENTS	71

VIII. CENPAC, MTU, AND TAPE READER MAINTAINERS (GRP067, N=24)

TASKS		PERCENT MEMBERS PERFORMING
I254	ALIGN F/FB-111 MTU CAPSTANS	100
I255	ALIGN F/FB-111 MTU CIRCUIT CARDS	100
I264	ISOLATE MALFUNCTIONS IN F/FB-111 CENPACs USING DIAGNOSTIC TAPES ONLY	100
I269	LOAD F/FB-111 CENPAC BOOTSTRAPS	100
I283	REMOVE OR REPLACE F/FB-111 MTU VACUUM CHAMBER LIGHTS	100
I258	CLEAN F/FB-111 MTU TRANSPORTS	100
I257	ALIGN F/FB-111 TELETYPEWRITERS	100
I275	REMOVE OR REPLACE F/FB-111 CENPAC TELETYPEWRITERS	100
I278	REMOVE OR REPLACE F/FB-111 MTU CAPSTANS	100
I259	COPY F/FB-111 CENPAC TAPES	100
I265	ISOLATE MALFUNCTIONS IN F/FB-111 CENPACs USING DIAGNOSTIC TAPES AND SCHEMATICS	100
I262	ISOLATE MALFUNCTIONS IN F/FB-111 CENPAC TELETYPEWRITERS	100
I267	ISOLATE MALFUNCTIONS IN F/FB-111 MTU POWER SUPPLIES	100
I282	REMOVE OR REPLACE F/FB-111 MTU PUSHBUTTON INDICATOR LAMPS	100
I279	REMOVE OR REPLACE F/FB-111 MTU PHOTOSENSE HEAD ASSEMBLIES	100
F165	RESEARCH MICROFICHE FOR PART INFORMATION	100
I274	REMOVE OR REPLACE F/FB-111 CENPAC SRUs	100
I276	REMOVE OR REPLACE F/FB-111 MTU CAPSTAN BELTS	100
I281	REMOVE OR REPLACE F/FB-111 MTU POWER SUPPLY COMPONENTS	100
I272	REMOVE OR REPLACE F/FB-111 CENPAC COMPUTER POWER SUPPLY COMPONENTS	100
I288	UPDATE F/FB-111 CENPAC TAPES	96
I286	REMOVE OR REPLACE F/FB-111 TELETYPEWRITER COMPONENTS	96
I263	ISOLATE MALFUNCTIONS IN F/FB-111 CENPACs USING COMPUTER EXERCISE TEST PANELS (CETP)	83
I287	TEST AND INSPECT F/FB-111 TAPE PREPARATION UNITS	79
I268	ISOLATE MALFUNCTIONS IN F/FB-111 TAPE PREPARATION UNITS	75

VIIIa. CENPAC SUPERVISORS
(GRP159, N=5)

TASKS		PERCENT MEMBERS PERFORMING
C83	REVIEW MAINTENANCE DATA COLLECTION RECORD (AFTO FORM 349)	100
I257	ALIGN F/FB-111 TELETYPEWRITERS	100
I262	ISOLATE MALFUNCTIONS IN F/FB-111 CENPAC TELETYPEWRITERS	100
E136	MAKE ENTRIES ON SYSTEM/EQUIPMENT STATUS RECORD (AFTO FORM 244 OR 245)	100
A6	DETERMINE WORK PRIORITIES	100
I265	ISOLATE MALFUNCTIONS IN F/FB-111 CENPAC'S USING DIAGNOSTIC TAPES AND SCHEMATICS	100
I255	ALIGN F/FB-111 MTU CIRCUIT CARDS	100
I264	ISOLATE MALFUNCTIONS IN F/FB-111 CENPAC'S USING DIAGNOSTIC TAPES ONLY	100
C82	REVIEW EQUIPMENT RECORDS	100
I283	REMOVE OR REPLACE F/FB-111 MTU VACUUM CHAMBER LIGHTS	100
I254	ALIGN F/FB-111 MTU CAPSTANS	100
D95	COUNSEL TRAINEES ON TRAINING PROGRESS	100
I268	ISOLATE MALFUNCTIONS IN F/FB-111 TAPE PREPARATION UNITS	100
I259	COPY F/FB-111 CENPAC TAPES	100
E134	MAKE ENTRIES ON SIGNIFICANT HISTORICAL DATA (AFTO FORM 95)	100
C80	PREPARE APRs	100
I288	UPDATE F/FB-111 CENPAC TAPES	100
G201	PERFORM QUALITY ASSURANCE (QA) OR QUALITY CONTROL (QC) INSPECTIONS OF F/FB-111 LRUs	80
C53	CERTIFY STATUS OF REPARABLE, SERVICEABLE, OR CONDEMNED PARTS	80
B42	INTERPRET POLICIES, DIRECTIVES, OR PROCEDURES FOR SUBORDINATES	80
C85	SELECT INDIVIDUALS FOR SPECIALIZED TRAINING	80
D92	CONDUCT OJT	80
A11	DEVELOP WORK METHODS OR PROCEDURES	80
G202	PERFORM QA OR QC INSPECTIONS OF F/FB-111 TEST STATIONS	80
B43	REVISE DAILY MAINTENANCE PLANS TO MEET OPERATIONAL COMMITMENTS	60

VIIIb. CENPAC MAINTAINERS
(GRP137, N=13)

TASKS		PERCENT MEMBERS PERFORMING
I254	ALIGN F/FB-111 MTU CAPSTANS	100
I255	ALIGN F/FB-111 MTU CIRCUIT CARDS	100
I269	LOAD F/FB-111 CENPAC BOOTSTRAPS	100
I264	ISOLATE MALFUNCTIONS IN F/FB-111 CENPACs USING DIAGNOSTIC TAPES ONLY	100
I275	REMOVE OR REPLACE F/FB-111 CENPAC TELETYPEWRITERS	100
I283	REMOVE OR REPLACE F/FB-111 MTU VACUUM CHAMBER LIGHTS	100
I257	ALIGN F/FB-111 TELETYPEWRITERS	100
I258	CLEAN F/FB-111 MTU TRANSPORTS	100
I267	ISOLATE MALFUNCTIONS IN F/FB-111 MTU POWER SUPPLIES	100
I278	REMOVE OR REPLACE F/FB-111 MTU CAPSTANS	100
I265	ISOLATE MALFUNCTIONS IN F/FB-111 CENPACs USING DIAGNOSTIC TAPES AND SCHEMATICS	100
I282	REMOVE OR REPLACE F/FB-111 MTU PUSHBUTTON INDICATOR LAMPS	100
I279	REMOVE OR REPLACE F/FB-111 MTU PHOTOSENSE HEAD ASSEMBLIES	100
I274	REMOVE OR REPLACE F/FB-111 CENPAC SRUs	100
I288	UPDATE F/FB-111 CENPAC TAPES	100
I276	REMOVE OR REPLACE F/FB-111 MTU CAPSTAN BELTS	100
I281	REMOVE OR REPLACE F/FB-111 MTU POWER SUPPLY COMPONENTS	100
I259	COPY F/FB-111 CENPAC TAPES	100
I262	ISOLATE MALFUNCTIONS IN F/FB-111 CENPAC TELETYPEWRITERS	100
F165	RESEARCH MICROFICHE FOR PART INFORMATION	100
I256	ALIGN F/FB-111 MTU POWER SUPPLIES	100
I272	REMOVE OR REPLACE F/FB-111 CENPAC COMPUTER POWER SUPPLY COMPONENTS	100
I286	REMOVE OR REPLACE F/FB-111 TELETYPEWRITER COMPONENTS	92
I263	ISOLATE MALFUNCTIONS IN F/FB-111 CENPACs USING COMPUTER EXERCISE TEST PANELS (CETP)	85
I273	REMOVE OR REPLACE F/FB-111 CENPAC PUNCHED TAPE READERS	85

IX. DISPLAYS TEST STATION PERSONNEL
(GRP065, N=18)

TASKS		PERCENT MEMBERS PERFORMING
G218	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST EQUIPMENT LIGHT BULBS, FUSES, OR MINOR HARDWARE	100
E141	MAKE ENTRIES ON UNSERVICEABLE (REPARABLE) TAG MATERIEL (DD FORM 1577-2)	94
G200	PERFORM PERIODIC INSPECTIONS OF F/FB-111 TEST STATIONS	94
E133	MAKE ENTRIES ON SERVICEABLE TAG MATERIEL (DD FORM 1574)	89
Q759	ISOLATE MALFUNCTIONS IN F/FB-111 HUD UNITS	89
Q776	REMOVE OR REPLACE F/FB-111 MULTISENSOR DISPLAY SRUs	89
Q753	BENCH CHECK F/FB-111 HUD UNITS	89
Q773	REMOVE OR REPLACE F/FB-111 HUD UNIT SRUs	89
Q754	BENCH CHECK F/FB-111 MULTISENSOR DISPLAYS	89
Q763	ISOLATE MALUFNCTIONS IN F/FB-111 VSDs	89
Q756	BENCH CHECK F/FB-111 VSD'S	89
Q746	ALIGN F/FB-111 HEADS UP DISPLAY (HUD) UNITS	83
Q761	ISOLATE MALFUNCTIONS IN F/FB-111 MULTISENSOR DISPLAYS	83
Q781	REMOVE OR REPLACE F/FB-111 VSD SRUs	83
Q757	CONFIDENCE CHECK F/FB-111 12A6887 TEST STATIONS	83
Q750	ALIGN F/FB-111 VIDEO SIGNALS DISPLAYS (VSD)	83
F164	RESEARCH MANUALS FOR PART NUMBERS	78
Q758	ISOLATE MALFUNCTIONS IN F/FB-111 HSD INDICATORS	78
Q765	ISOLATE MALFUNCTIONS IN F/FB-111 12A6887 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	78
Q767	PERFORM MAINTENANCE TAPE CHECKS OF F/FB-111 12A6887 TEST STATIONS	78
Q752	BENCH CHECK F/FB-111 HSD PROCESSORS	72
Q777	REMOVE OR REPLACE F/FB-111 MULTISENSOR DISPLAY COMPONENTS	67
Q780	REMOVE OR REPLACE F/FB-111 VSD COMPONENTS	67
Q766	ISOLATE MALFUNCTIONS IN F/FB-111 12A6887 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	67
Q764	ISOLATE MALFUNCTIONS IN F/FB-111 12A6887 TEST STATIONS USING MAINTENANCE TEST ONLY	61

AD-A115 991 AIR FORCE OCCUPATIONAL MEASUREMENT CENTER RANDOLPH AFB TX F/G 5/9
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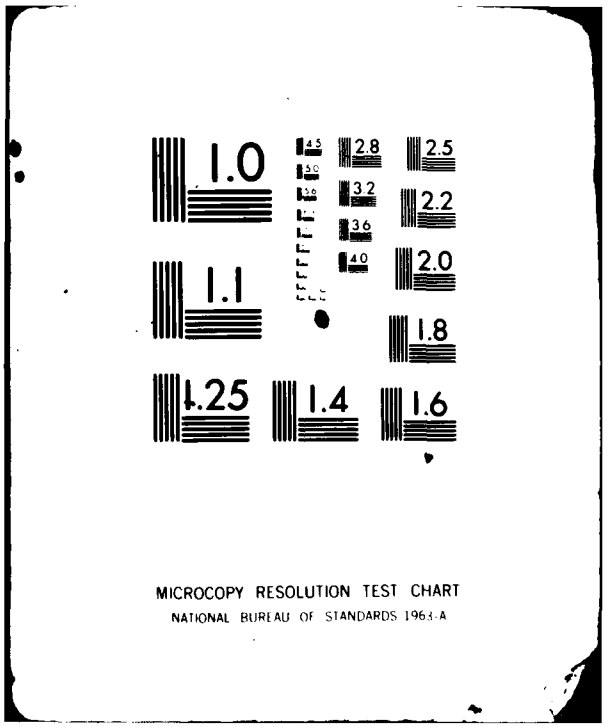
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NATIONAL BUREAU OF STANDARDS 1963-A

X. APQ-130 ATTACK RADAR SUBSYSTEM TEST STATION (SST) PERSONNEL (GRP071, N=7)

TASKS		PER MEM PER
R792	ELECTRICALLY BORESIGHT F-111D ARS ANTENNAS	
R784	ALIGN F-111D ARS ANTENNA SHOP REPLACEABLE UNITS (SRU)	
R782	ADJUST VIDEO PHASE SHIFT OF F-111D ATTACK RADAR SYSTEM (ARS) ANTENNAS	
R798	OPERATIONALLY CHECK F-111D APQ-130 TEST STATIONS	
R799	OVERHAUL F-111D ARS ANTENNAS	
R800	REMOVE OR REPLACE F-111D APQ-130 TEST STATION LRUs	
E120	MAKE ENTRIES ON ISSUE/TURN IN REQUEST FORMS (AF FORM 2005)	
F165	RESEARCH MICROFICHE FOR PART INFORMATION	
R795	ISOLATE MALFUNCTIONS IN F-111D APQ-130 TEST STATIONS TO SRU COMPONENTS	
R796	ISOLATE MAFUNCTIONS IN F-111D APQ-130 TEST STATIONS TO SRU	
R794	ISOLATE MALFUNCTIONS IN F-111D APQ-130 TEST STATIONS TO TESTER REPLACEABLE UNIT (TRU)	
R783	ALIGN F-111D APQ-130 TEST STATIONS	
R805	TEST F-111D ARS ANTENNA SRUs	
R797	MECHANICALLY BORESIGHT F-111D ARS ANTENNAS	
R793	ISOLATE MALFUNCTIONS IN F-111D APQ-130 TEST STATIONS TO LRU	
G182	CALIBRATE F/FB-111 12A6615-3 PRESSURIZATION TEST SETS	
R803	REMOVE OR REPLACE F-111D APQ-130 TEST STATION COMPONENTS	
R802	REMOVE OR REPLACE F-111D APQ-130 TEST STATION SRUs	
R801	REMOVE OR REPLACE F-111D APQ-130 TEST STATION TRUs	
R787	DETERMINE STATUS OF F-111D BAD ACTOR ARS ELECTRONICS PROCESSOR UNITS	
R791	DETERMINE STATUS OF F-111D BAD ACTOR ARS TRANSMITTERS	
R786	DETERMINE F-111D LOCAL OSCILLATOR AND TRAVELING WAVE TUBE OUTPUT LEVELS	
R789	DETERMINE STATUS OF F-111D BAD ACTOR ARS MASTER FREQUENCY GENERATORS	
R790	DETERMINE STATUS OF F-111D BAD ACTOR ARS MICROWAVE RECEIVER UNITS	
G197	PERFORM OPERATIONAL CHECKS OF F/FB-111 12A6615-3 PRESSURIZATION TEST SETS	

XI. SUPERVISION AND MANAGEMENT PERSONNEL (GRP014, N=60)

TASKS		PERCENT MEMBERS PERFORMING
C80	PREPARE APRs	92
A6	DETERMINE WORK PRIORITIES	77
A3	COORDINATE JOB REQUIREMENTS WITH OTHER SECTIONS	72
D95	COUNSEL TRAINEES ON TRAINING PROGRESS	72
C63	EVALUATE INDIVIDUALS FOR RECOGNITION	72
A17	PARTICIPATE IN MEETINGS, SUCH AS STAFF MEETINGS, BRIEFINGS, OR WORKSHOPS	72
D96	DEMONSTRATE HOW TO LOCATE TECHNICAL INFORMATION	72
B29	COUNSEL PERSONNEL ON PERSONAL OR MILITARY RELATED MATTERS	70
A15	ESTABLISH PERFORMANCE STANDARDS FOR SUBORDINATES	70
B42	INTERPRET POLICIES, DIRECTIVES, OR PROCEDURES FOR SUBORDINATES	67
C57	ENDORSE AIRMAN PERFORMANCE REPORTS (APR)	67
A1	ASSIGN PERSONNEL TO DUTY POSITIONS	65
C81	REVIEW CORRESPONDENCE	62
C60	EVALUATE COMPLIANCE WITH PERFORMANCE STANDARDS	62
E134	MAKE ENTRIES ON SIGNIFICANT HISTORICAL DATA (AFTO FORM 95)	62
B47	SUPERVISE INTEGRATED AVIONICS COMPUTERIZED TEST STATION AND COMPONENT SPECIALISTS (F/FB-111) (AFSC 32654A)	60
C83	REVIEW MAINTENANCE DATA COLLECTION RECORD (AFTO FORM 349)	60
C82	REVIEW EQUIPMENT RECORDS	60
B51	WRITE CORRESPONDENCE	60
E141	MAKE ENTRIES ON UNSERVICEABLE (REPARABLE) TAG MATERIEL (DD FORM 1577-2)	60
A26	SCHEDULE TEMPORARY DUTY, LEAVES, OR PASSES	60
C53	CERTIFY STATUS OF REPARABLE, SERVICEABLE, OR CONDEMNED PARTS	57
C52	ANALYZE WORKLOAD REQUIREMENTS	57
E133	MAKE ENTRIES ON SERVICEABLE TAG MATERIEL (DD FORM 1574)	57
B49	SUPERVISE INTEGRATED AVIONICS COMPUTERIZED TEST STATION AND COMPONENT TECHNICIANS (AFSC 32674)	52

XIa. SHOP NCOICs
(GRP116, N=20)

TASKS		PERCENT MEMBERS PERFORMING
A3	COORDINATE JOB REQUIREMENTS WITH OTHER SECTIONS	100
C80	PREPARE APRs	100
A1	ASSIGN PERSONNEL TO DUTY POSITIONS	100
B42	INTERPRET POLICIES, DIRECTIVES, OR PROCEDURES FOR SUBORDINATES	95
B29	COUNSEL PERSONNEL ON PERSONAL OR MILITARY RELATED MATTERS	95
A6	DETERMINE WORK PRIORITIES	95
C63	EVALUATE INDIVIDUALS FOR RECOGNITION	95
C57	ENDORSE AIRMAN PERFORMANCE REPORTS (APR)	95
A17	PARTICIPATE IN MEETINGS, SUCH AS STAFF MEETINGS, BRIEFINGS, CONFERENCES, OR WORKSHOPS	95
A26	SCHEDULE TEMPORARY DUTY, LEAVES, OR PASSES	95
C76	EVALUATE WORK SCHEDULES	90
A15	ESTABLISH PERFORMANCE STANDARDS FOR SUBORDINATES	90
C81	REVIEW CORRESPONDENCE	85
C82	REVIEW EQUIPMENT RECORDS	85
B51	WRITE CORRESPONDENCE	85
C60	EVALUATE COMPLIANCE WITH PERFORMANCE STANDARDS	85
C52	ANALYZE WORKLOAD REQUIREMENTS	85
C66	EVALUATE MAINTENANCE OR UTILIZATION OF WORKSPACE, EQUIPMENT, OR SUPPLIES	85
C56	DRAFT REPLIES TO INSPECTION REPORTS	85
D97	DETERMINE OJT TRAINING REQUIREMENTS	80
C62	EVALUATE INDIVIDUALS FOR PROMOTION, DEMOTION, OR RECLASSIFICATION	80
B34	DIRECT MAINTENANCE OR UTILIZATION OF EQUIPMENT OR SUPPLIES	80
C67	EVALUATE MAINTENANCE PRODUCTION REPORTS	70
B47	SUPERVISE INTEGRATED AVIONICS COMPUTERIZED TEST STATION AND COMPONENT SPECIALISTS (F/FB-111) (AFSC 32654A)	70
B49	SUPERVISE INTEGRATED AVIONICS COMPUTERIZED TEST STATION AND COMPONENT TECHNICIANS (AFSC 32674)	65

XIb. SHIFT SUPERVISORS
(GRP077, N=15)

TASKS		PERCENT MEMBERS PERFORMING
B44	SUPERVISE APPRENTICE INTEGRATED AVIONICS COMPUTERIZED TEST STATION AND COMPONENT SPECIALISTS (F/FB-111) (AFSC 32634A)	100
B47	SUPERVISE INTEGRATED AVIONICS COMPUTERIZED TEST STATION AND COMPONENT SPECIALISTS (F/FB-111) (AFSC 32654A)	100
C53	CERTIFY STATUS OF REPARABLE, SERVICEABLE, OR CONDEMNED PARTS	100
A6	DETERMINE WORK PRIORITIES	100
C80	PREPARE APRs	100
E141	MAKE ENTRIES ON UNSERVICEABLE (REPARABLE) TAG MATERIEL (DD FORM 1577-2)	93
E133	MAKE ENTRIES ON SERVICEABLE TAG MATERIEL (DD FORM 1574)	93
E135	MAKE ENTRIES ON SUPPLY CONTROL LOG (AF FORM 2413)	93
C83	REVIEW MAINTENANCE DATA COLLECTION RECORD (AFTO FORM 349)	87
A15	ESTABLISH PERFORMANCE STANDARDS FOR SUBORDINATES	87
B29	COUNSEL PERSONNEL ON PERSONAL OR MILITARY RELATED MATTERS	80
F165	RESEARCH MICROFICHE FOR PART INFORMATION	80
D96	DEMONSTRATE HOW TO LOCATE TECHNICAL INFORMATION	80
B42	INTERPRET POLICIES, DIRECTIVES, OR PROCEDURES FOR SUBORDINATES	73
C60	EVALUATE COMPLIANCE WITH PERFORMANCE STANDARDS	73
D95	COUNSEL TRAINEES ON TRAINING PROGRESS	73
E164	RESEARCH MANUALS FOR PART NUMBERS	73
G201	PERFORM QUALITY ASSURANCE (QA) OR QUALITY CONTROL (QC) INSPECTIONS OF F/FB-111 LRUs	67
C57	ENDORSE AIRMAN PERFORMANCE REPORTS (APR)	67
A3	COORDINATE JOB REQUIREMENTS WITH OTHER SECTIONS	67
C63	EVALUATE INDIVIDUALS FOR RECOGNITION	60
C52	ANALYZE WORKLOAD REQUIREMENTS	53
D92	CONDUCT OJT	53

XIc. INSTRUCTOR SUPERVISORS
(GRP049, N=11)

TASKS		PERCENT MEMBERS PERFORMING
D105	EVALUATE PROGRESS OF STUDENTS	100
D104	EVALUATE INSTRUCTOR PERFORMANCE	100
C80	PREPARE APRs	100
D95	COUNSEL TRAINEES ON TRAINING PROGRESS	100
D106	EVALUATE TRAINING METHODS OR TECHNIQUES	91
D110	PREPARE LESSON PLANS	91
D113	WRITE TEST QUESTIONS	91
D91	ASSIGN RESIDENT COURSE INSTRUCTORS	82
D93	CONDUCT RESIDENT COURSE CLASSROOM TRAINING	82
D98	DETERMINE RESIDENT COURSE TRAINING REQUIREMENTS	82
D112	SCORE TESTS	82
D97	DETERMINE OJT TRAINING REQUIREMENTS	82
D89	ADMINISTER TESTS	82
B49	SUPERVISE INTEGRATED AVIONIC COMPUTERIZED TEST STATION AND COMPONENT TECHNICIANS (AFSC 32674)	73
C63	EVALUATE INDIVIDUALS FOR RECOGNITION	73
D96	DEMONSTRATE HOW TO LOCATE TECHNICAL INFORMATION	73
D92	CONDUCT OJT	73
D100	DEVELOP TRAINING AIDS	73
A26	SCHEDULE TEMPORARY DUTY, LEAVES, OR PASSES	73
D101	DIRECT OR IMPLEMENT OJT PROGRAMS	64
D109	PLAN OJT	64
A3	COORDINATE JOB REQUIREMENTS WITH OTHER SECTIONS	64
F147	MAINTAIN STATUS BOARDS, GRAPHS, OR CHARTS	64
D102	DIRECT OR IMPLEMENT TRAINING PROGRAMS OTHER THAN OJT	55
A6	DETERMINE WORK PRIORITIES	55

XII. ATTITUDE AND RATE TEST STATION PERSONNEL (GRP061, N=8)

TASKS		PERCENT MEMBERS PERFORMING
J309	BENCH CHECK F/FB-111 STABILIZED PLATFORM UNITS	100
J329	ISOLATE MALFUNCTIONS IN F/FB-111 STABILIZED PLATFORM UNITS TO SRU	100
E134	MAKE ENTRIES ON SIGNIFICANT HISTORICAL DATA (AFTO FORM 95)	100
E130	MAKE ENTRIES ON REPARABLE ITEM PROCESSING TAG (AFTO FORM 350)	100
F165	RESEARCH MICROFICHE FOR PART INFORMATION	100
J364	REMOVE OR REPLACE F/FB-111 12A16805 TEST STATION TRU SRUs	100
J361	REMOVE OR REPLACE F/FB-111 STABILIZED PLATFORM UNIT SRUs	88
J297	ALIGN F/FB-111 STABILIZED PLATFORM UNITS	88
G186	INSPECT AND CLEAN F/FB-111 TEST STATIONS, SIMULATORS, MOCKUPS, OR LINE REPLACEABLE UNITS (LRU)	88
J362	REMOVE OR REPLACE F/FB-111 12A16805 TEST STATION SRU COMPONENTS	88
G213	REMOVE OR REPLACE F/FB-111 LRU MINOR HARDWARE	88
G185	INSPECT AND CLEAN F/FB-111 TEST STATION FILTERS	88
G218	REMOVE OR REPLACE F/FB-111 TEST STATION OR TEST EQUIPMENT LIGHT BULBS, FUSES, OR MINOR HARDWARE	88
J363	REMOVE OR REPLACE F/FB-111 12A16805 TEST STATION TESTER REPLACEABLE UNITS (TRU)	88
J311	CONFIDENCE CHECK F/FB-111 12A16805 TEST STATIONS	88
F155	ORDER PARTS BY TELEPHONE	88
G200	PERFORM PERIODIC INSPECTIONS OF F/FB-111 TEST STATIONS	75
J332	ISOLATE MALFUNCTIONS IN F/FB-111 12A16805 TEST STATIONS USING MAINTENANCE TEST, TEST EQUIPMENT, AND SCHEMATICS	75
G189	INVENTORY F/FB-111 TEST STATIONS, CABINETS, ROLLAWAYS, SIMULATORS, OR MOCKUPS	75
J343	MAINTENANCE CHECK F/FB-111 12A16805 TEST STATIONS	75
J360	REMOVE OR REPLACE F/FB-111 STABILIZED PLATFORM UNIT COMPONENTS	63
J333	ISOLATE MALFUNCTIONS IN F/FB-111 12A16805 TEST STATIONS THROUGH INTERCONNECTS OF AN INSTALLED LRU	63
G219	REMOVE OR REPLACE F/FB-111 TESTER REPLACEABLE UNITS (TRU)	63
G198	PERFORM PERIODIC INSPECTIONS OF F/FB-111 LRUs	50
J330	ISOLATE MALFUNCTIONS IN F/FB-111 STABILIZED PLATFORM UNITS TO SRU COMPONENTS	50

XIII. RESIDENT TECHNICAL SCHOOL INSTRUCTORS
(GRP026, N=14)

TASKS		PERCENT MEMBERS PERFORMING
D110	PREPARE LESSON PLANS	100
D105	EVALUATE PROGRESS OF STUDENTS	100
D112	SCORE TESTS	100
D89	ADMINISTER TESTS	100
D96	DEMONSTRATE HOW TO LOCATE TECHNICAL INFORMATION	90
D93	CONDUCT RESIDENT COURSE CLASSROOM TRAINING	80
D113	WRITE TEST QUESTIONS	80
D100	DEVELOP TRAINING AIDS	60
E137	MAKE ENTRIES ON TECHNICAL ORDER SYSTEM PUBLICATION IMPROVEMENT REPORT AND REPLY (AFTO FORM 22)	50
G189	INVENTORY F/FB-111 TEST STATIONS, CABINETS, ROLLAWAYS, SIMULATORS, OR MOCKUPS	50
D95	COUNSEL TRAINEES ON TRAINING PROGRESS	50
D99	DEVELOP RESIDENT COURSE OR CAREER DEVELOPMENT COURSE (CDC) CURRICULUM MATERIALS	40

XIV. SCHEDULING/DUE-IN FROM MAINTENANCE (DIFM) MONITORS (GRP091, N=5)

TASKS		PERCENT MEMBERS PERFORMING
F176	VERIFY DUE-IN FROM MAINTENANCE (DIFM) DOCUMENT LISTINGS (R-26)	100
E119	MAKE ENTRIES ON FORMS SUCH AS REPAIR CYCLE CONTROL LOG (AF FORM 2520) TO SHOW RECEIPT OF LRUs	100
E117	MAKE ENTRIES ON DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENTS (DD FORM 1348-1)	100
E130	MAKE ENTRIES ON REPARABLE ITEM PROCESSING TAG (AFTO FORM 350)	100
E133	MAKE ENTRIES ON SERVICEABLE TAG MATERIEL (DD FORM 1574)	100
C53	CERTIFY STATUS OF REPARABLE, SERVICEABLE, OR CONDEMNED PARTS	80
F147	MAINTAIN STATUS BOARDS, GRAPHS, OR CHARTS	60
E135	MAKE ENTRIES ON SUPPLY CONTROL LOG (AF FORM 2413)	60
E120	MAKE ENTRIES ON ISSUE/TURN IN REQUEST (AF FORM 2005)	60
F165	RESEARCH MICROFICHE FOR PART INFORMATION	60
E140	MAKE ENTRIES ON UNSERVICEABLE (CONDEMNED) TAG MATERIEL (DD FORM 1577)	60
E141	MAKE ENTRIES ON UNSERVICEABLE (REPARABLE) TAG MATERIEL (DD FORM 1577-2)	60
B30	DIRECT DEVELOPMENT OR MAINTENANCE OF STATUS BOARDS, GRAPHS, OR CHARTS	60