

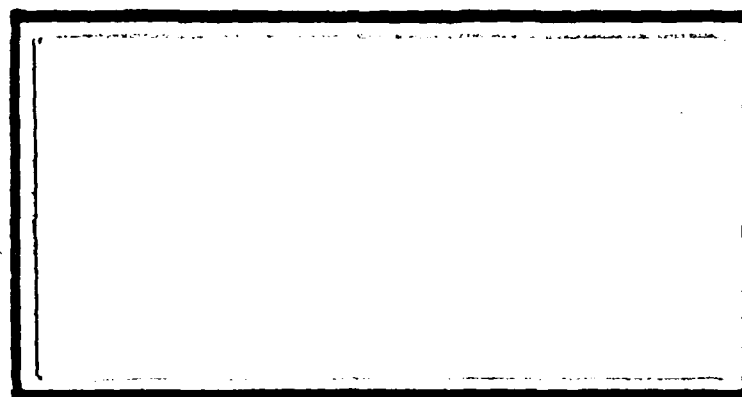
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TACTICAL AIR COMMAND AUTOMATED
STANDARDIZATION/EVALUATION
MANAGEMENT PROGRAM

THESIS

Bobby M. Robinson, B.S.
Major, USAF

AFIT/GLM/LSQ/88S-62

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AFIT/GLM/LSQ/88S-62

AUTOMATED TACTICAL AIR COMMAND
STANDARDIZATION/EVALUATION MANAGEMENT PROGRAM

THESIS

Presented to the Faculty of the School of Systems and
Logistics of the Air Force Institute of Technology
Air University
In Partial Fulfillment of the
Requirements for the Degree of
Master of Science in Acquisition Logistics Management

Bobby M. Robinson, B.S.
Major, USAF

September 1988

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Preface

The purpose of this study was to develop a software program for implementation by Tactical Air Command for the management of the standardization/evaluation function. Experience in this area both as a chief of standardization/evaluation and as a headquarters inspector helped me recognize the value of such a program in meeting the needs of users at the unit level.

Coding of the applications program was done using the Ashton-Tate dBase III Plus data base management program in conjunction with the MicroPro International Corporation WordStar word processing program. I wish to thank both firms for providing such capable programs.

I wish to thank my thesis advisors, Lieutenant Colonel Richard Peschke, and Professor Daniel Reynolds for the support and enthusiasm they provided during this effort. I thank Colonel James S. Mosbey, Director of Ninth Air Force Standardization/Evaluation, for providing me with dBase III Plus and the opportunity to address the unit users at the annual standardization/evaluation conference. A special thanks goes to Major Richard Lohnes, 178th TFG Chief of Standardization/Evaluation, for the many hours of frustration endured during the test and validation phase of this project. Finally, I wish to thank my wife and children for supporting an absentee husband and father over the past fifteen months.

Bobby M. Robinson

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ABSTRACT

The purpose of this study was to determine the feasibility of developing a microcomputer based system for use by unit level standardization/evaluation officers. Unit chiefs of standardization/evaluation were interviewed, and a list of requirements identified. An applications program was developed and demonstrated at the annual Ninth Air Force Standardization/Evaluation conference using dBase III Plus. The program was modified then tested and validated at a Tactical Fighter unit. The program developed meets or exceeds the needs identified during the research process.

The resulting software program is an easy to install, easy to use, data base management information system. The program requires virtually no computer expertise by the user, and entails almost no training. The system operates on a PC-compatible microcomputer which runs dBase III Plus, has one hard disk drive, one floppy disk drive, a monitor, and a printer.

Although designed specifically for Tactical Air Command, other MAJCOMs could adopt the program with only minor or no modifications. Improvements in both man-hour requirements and accuracy could be expected through implementation of this program.

TACTICAL AIR COMMAND AUTOMATED
STANDARDIZATION/EVALUATION MANAGEMENT PROGRAM

I. Introduction

General Background

Every fighter squadron and forward air control squadron in the Air Force is required to perform certain management tasks associated with aircrew certification. For the purposes of this study, only Tactical Air Command (TAC) units assigned to Ninth Air Force will be considered. Since the Directorate of Standardization/Evaluation at Headquarters TAC establishes policy and requirements for its subordinate units it is assumed that meeting the requirements of Tactical Air Command Regulation (TACR) 60-2, Aircrew Standardization Evaluation Program, will satisfy the necessary elements of this program.

In 1981 TAC units began using microcomputers in operational squadrons. Initially, TRS-80 and Cromemco computers were provided to the squadrons, but with very limited software support. Hardware improvements resulted in the Air National Guard Bureau (ANGB) and the Air Force Reserves buying Zenith Z-100 and Z-150 microcomputers for their units. These hardware differences led to incompatibility

among the units' software. Currently, units are upgrading their microcomputer systems to the Zenith Z-248 system (4,6,10). Although hardware is keeping pace with current technology, software provided to the units is not. Also, training of unit personnel has not kept up with unit needs. The lag in software technology and training support has resulted in most units managing the day-to-day operation with manual systems, and has led to microcomputers being relegated to a word processor role. In the next few pages, I will explore the feasibility and implementation of computerizing much of the information handling processes, in particular, the standardization/evaluation function in a typical TAC unit. I will also explore further automation possibilities gained by implementation of the proposed management information system, and some of the considerations which should be addressed concerning future improvements, capabilities, and system maintenance.

MANAGEMENT INFORMATION SYSTEMS

Management information systems are designed to provide all the information needs of management through a single integrated system. Some of the characteristics of an effective management information system are: input considered with the desired output in mind, information normally maintained at the functional level consolidated

into an integrated database, information collected is accessible and used by managers in more than one functional area (8:578). Information systems may be fully automated or entirely manual or anywhere in between. The quality and speed of the information flow will depend on the system sophistication, design, and quality of inputs. Manual systems generally tend to be slower and more prone to errors than automated systems. Timely and accurate information is one of the most important assets available in a not-for-profit organization (20:497).

The first step in designing a system is to define what the resulting output should be. If a computerized system will be used to replace a manual system a detailed understanding of the manual system is essential. Next, one should identify the inputs required to produce the desired outputs. The design of file structures will rely on this and will be guided by the overall goal of the system. The third step in designing a system is to identify the processing functions. For example, the calculations to be performed and the ways information will be transferred or shared among different program elements. The final step in designing a system is to identify the ways in which the data will be displayed as output, either on screen or on paper (9:3).

The design of the file structures will determine how easily information is entered and retrieved by the user. Some of the goals of file structure design are: enhanced data entry and retrieval, efficient use of disk space, optimized performance from the operator's point of view, maximized accuracy of the information in the database, and facilitates maintenance, modification, and expansion of the system (9:24).

Once the system has been defined, and file structure determined the system must be tested. The testing should confirm that file structures will accommodate the required data. At this point the relationships among data files should also be refined. The accuracy of the output and capabilities and limitations of the system should be determined. Finally, the system should be examined to insure default values are used where possible to reduce work load and increase accuracy (1:1-7, 1-9).

Specific Problem

TACR 60-2 requires unit standardization/evaluation functions complete AF Forms 8, track flight evaluation requisite completion, flight evaluation completion, flight and emergency procedures evaluation discrepancies, action items, and unit submitted AF Forms 847 status, maintain a current index of publications and a Flight Crew Informa-

tion File (FCIF), and prepare periodic trend analysis reports. Currently, each unit designs its own management system to comply with the requirements of the regulation. These systems vary from entirely manual systems to partially computerized systems. There is no common management program available to perform the required tasks and produce reports in the specified format.

A command-wide computer program for standardization/evaluation management is needed which uses current equipment and available software to accomplish required tasks, produce required reports, and reduce man-hours required to manage the system.

Importance of Research

Presently, most unit standardization/evaluation organizations manually perform required tasks and complete necessary documentation. Administrative support to produce the required documentation is, in most units, provided by administrative personnel who are assigned to other positions on the unit manning document, and who have little experience with word processing equipment or computers (3,4,6,10,21). Due to the time-consuming nature of the tasks and experience levels of the administrative specialist many of the official records are inaccurate and are not completed in the required time (11,12,13,14,15,21).

TACR 60-2 designates unit standardization/evaluation functions as the office of primary responsibility (OPR) for microcomputers in operations. The recent implementation of the multicommand regulation 60-2, the availability of microcomputers, and common requirements provide an excellent opportunity to standardize the flight evaluation management program Tactical Air Forces (TAF) wide and reduce the man-hours required to perform these tasks. By implementing a computerized information system and perhaps later networking the system, better and more accurate data could be made available to intermediate and MAJCOM level headquarters managers. This new ability will enhance the overall capability of the standardization function and free flight examiners to concentrate on flight and combat related areas.

Research Questions

In order to develop the necessary computer program, produce the required reports, and identify benefits of implementation the following questions must be answered.

1. What are the specific requirements of the program?
2. What is the level of computer expertise of the end users of the program?
3. Are there any hardware limitations which would prevent the use of such a program?

4. What future possibilities will result if the proposed system is implemented?
5. How will the intermediate and MAJCOM headquarters benefit by the implementation of the proposed system?

Thesis Organization

This research effort required the development of a dBase III Plus management information system for use by TAF standardization/evaluation functions. In order to accurately identify the user needs and specific requirements this effort also included historical as well as investigative research. This thesis is organized in the following order.

Chapter	I:	Introduction
Chapter	II:	Methodology
Chapter	III:	Findings and Discussion
Chapter	IV:	Program Documentation
Chapter	V:	Conclusions and Recommendations
Appendix	A:	Program Coding
Appendix	B:	Glossary of Acronyms
Appendix	C:	Definition of Terms
Appendix	D:	Interview Questions
Appendix	E:	Desk Guide

II. Methodology

Particular Method

In order to answer the research questions, and solve the stated problem the specific needs of the end user must be identified. The final product is to be a computerized management program capable of operating on an MS-DOS based microcomputer system. The program should be simple enough to allow novice computer users to effectively use the system, yet comprehensive enough to meet the requirements of TACR 60-2.

To accomplish the stated task, the first step was to complete a literature review of the applicable regulations, formal standardization/evaluation inspection reports, management information design references, and characteristics of the dBase III Plus software package (11-19). This provided the specific requirements, a historical basis of the problem, guidance for system design, and insight into the applicability of the dBase III Plus program capabilities. Next, interviews with the intended users were conducted to determine their needs. Third, a dBase III Plus program, which is menu driven and screen prompted, was written and documented to accomplish the required tasks specified in TACR 60-2. Last, the system was demonstrated at the annual standardization conference at Headquarters Ninth Air Force, and field tested at

tactical a fighter unit. The system was validated by a group of management information systems experts, which included Lt Col Richard Peschke, and Professor Daniel Reynolds, from the AFIT Schools of Systems and Logistics, and Engineering.

Database Management Requirements

Air Force Regulation (AFR) 60-1 and TACR 60-2 provided the specific format for completing the AF Forms 8. AFR 60-9 detailed AF Forms 847 completion procedures, and TACR 60-2 specified action items be tracked using an open/closed format along with the required FCIF format. A literature review of these regulations, commercially available software reference manuals, user's guides, and advanced techniques handbooks relating specifically to dBase III Plus established a basis for this research (1,2,3,5,9,22). These references provided program coding and documentation techniques as well as information on management information systems design in general.

Interviews with end users of the program provided information necessary for customizing the program, and tailoring to the user's computer experience level. These interviews also revealed that most of the unit stan/eval officers possessed at least basic microcomputer user skills. Only a few of the stan/eval officers interviewed

believed they were intermediate level users and only three believed they were expert level users. These interviews also revealed the range of peripherals which included printers, monitors, and expansion memory that the program must be compatible with.

Reviews of formal standardization/evaluation inspection reports from Headquarters Ninth Air Force provided information as to the type of existing management systems. One of the primary objectives of the project was to take a manual system which had been rated outstanding by the headquarters inspection team and convert it to an equally outstanding computerized system. The second objective was ease of use of the program.

The outcome of this research was a decision to produce a menu driven, screen prompted dBase III Plus management information system tailored after the manual system used by the 187th TFG, Air National Guard unit, at Dannelly Field, Montgomery, Alabama (18).

Database Design

A system was designed which incorporated an existing computerized testing program produced by Hq TAC, and original programming in dBase III Plus to meet the requirements of Air Force and Tactical Air Command Regulations. The program is simple enough to use that personnel with

little or no microcomputer expertise may effectively operate the system.

The system is designed as an interactive database which accepts input from the user in response to screen prompted questions for both data entry and retrieval. The system accesses all required files and exchanges information between files as necessary. The data is indexed rather than being sorted to increase speed of execution. Required forms and reports are generated as a result of selecting the appropriate menu option. The system is designed to the maximum extent possible to accept only the proper type and format data.

Interviews

Unstructured interviews with the numerous Ninth Air Force unit chiefs of standardization/evaluation were conducted to determine user needs and desires for an automated program. A working rapport with these individuals had been developed over the past four years which enhanced the environment for information flow. Face-to-face interviews were conducted over the past four years dealing specifically with standardization/evaluation programs. Telephone interviews conducted over the past four months narrowed the topic to automation of the programs, and also served to update the information gained through the face-

to-face interviews. Some of the advantages of conducting personal interviews include the depth and detail of the information gained, and the ability to observe and gain supplemental information. The primary disadvantage of face-to-face interviewing is the cost (7:160). The primary responsibility of the interviewer prior to this research had been to investigate and evaluate the standardization/evaluation programs of all units which reported to HQ Ninth Air Force. Drawing on this background and supplementing the information gained with telephone updates, additional cost were negligible, yet the results of the interviews were very productive.

The ability of the interviewer and respondents to communicate in the same terms and at the same level on program specifics enhanced the overall information flow. This information flow resulted in the accurate identification of program design parameters. Sample interview questions are shown in Appendix C.

Field Test

Testing of the system was accomplished locally at an Air National Guard A-7 unit. System acceptance and utility was determined as a result of these test. Suggested changes and improvements were identified and adopted as much as possible, and the program was then submitted for

final validation by the AFIT panel of management information systems experts.

Validation

The validation process for the automated standardization/evaluation management program began with a demonstration of the program at the annual standardization/evaluation conference at HQ Ninth Air Force. Unit chiefs of standardization/evaluation were given the opportunity to view the program in operation and then allowed to actually get hands-on training. Inputs from this conference were accepted and changes to the program made where possible. Field tests of the program were accomplished after refinements had been made, and again inputs and suggestions accepted. Finally, the program was submitted to a panel of management information systems experts from the Air Force Institute of Technology for final validation and verification.

III. Findings and Discussion

The five research questions identified earlier were considered to be the primary concerns in producing a management system capable of meeting the needs of TAF Standardization/Evaluation organizations. The answers to those questions are presented in the following pages.

Requirements

Question 1: What are the specific requirements of the program?

The most important requirement of the proposed program was to make the management of unit standardization/evaluation functions easier. MCR 60-2 details the specific requirements of the unit standardization/evaluation functions which include: aircrew requisite tracking, aircrew flight evaluation tracking and documentation, FCIF program management, AF Forms 847 program management, aircrew trend analysis program management, and standardization/evaluation board program management. These areas demand routine and repetitive actions by standardization/evaluation personnel. Although the specific program requirements are identified in MCR 60-2 the methods of program execution are left to the individual units. The repetitive nature of these tasks lend themselves to automation.

Most units contacted were using a combination of manual and automated systems. Almost all Ninth Air Force units manually produced standardization/evaluation program documentation. This is a process which tends to be time consuming and error-prone. The proposed program should reduce both the time required to provide the required documentation and the number of errors. This is accomplished by using preformatted screens and default values as much as possible for data entry. The proposed program also facilitates editing, so when errors are detected changes can be made easily.

Previous efforts to produce an automated standardization/evaluation management program have resulted in low acceptance by the field. The primary reasons for the less than enthusiastic acceptance were inflexibility and difficulty of use for novice computer users. The proposed program presents information in a format familiar to the user and operates by response to screen prompts. Flexibility was incorporated by allowing the user to input the desired default settings.

Computer Expertise of Users

Question 2: What is the level of computer expertise of the end users of the program?

Personal interviews with the chiefs of standardization/evaluation for Ninth Air Force units revealed most functions were manned with personnel which possessed at least basic computer skills. Very few units indicated they were manned with either no computer expertise or with expert level users. All units indicated a willingness to use an automated system if it were user-friendly. The 178th TFG was selected as a test unit for the program for both its proximity to AFIT and the minimum computer expertise of the chief of standardization/evaluation.

Hardware/Software Limitations

Question 3: Are there any hardware/software limitations which would prevent the use of such a program?

The proposed program requires as a minimum an MS-DOS compatible system with at least 256K RAM, two floppy disk drives or one floppy and one hard disk drive, a monitor, keyboard, and printer and dBase III Plus. Several hardware and software limitations were identified during this research effort. Several active duty units continue to use Cromemco micro-computers which are not MS-DOS compatible. These older systems are being replaced with Zenith Z-248 systems which are MS-DOS compatible. Some Air National Guard and Air Force Reserve units still use the Zenith Z-100 and Z-120 computers. These systems are capable of executing the proposed program only after a modi-

fication kit has been installed in the system to make it MS-DOS compatible. The majority of units surveyed either had systems capable of executing the proposed program or had a new system on order. However, most units did not have dBase III Plus.

If the proposed program were distributed in a compiled version the units would not require dBase III Plus to execute the program. If the program were distributed as source code each unit would be able to further customize the program to meet unit specific needs, but would require dBase III Plus to execute the program.

Units which elect to use word processing programs as a text editor other than the dBase III Plus text editor may find the program does not execute properly. For example WordStar version 4.0 does not allow the user to modify text after it has been saved. WordStar 3.31 on the other hand executes flawlessly. Other text editors may exhibit similar anomalies. Also, the automatic word wrap-around feature of any text editor will cause page format problems if used. Each line of text must be ended with a carriage return. Finally, the program will automatically save data only if exited by using the main menu exit function. Serious file damage could result if the proper exit mode is not used.

Future Enhancements

Question 4: What future possibilities will result if the proposed system is implemented?

As the proposed program becomes more widely used and customized by operational units better ways of performing the tasks should evolve. Also, new tasks may be added as the program matures which would give the program expanded capability. One possibility for enhancement would be computer generated forms vice using preprinted forms. This capability currently exists, but computer generated forms have not been approved for use by Air Force at this writing. Another enhancement might be an on-line interactive help option. Currently available are commercial products which would allow two users to access and edit data simultaneously via modem. This would be extremely beneficial to intermediate and MAJCOM personnel trying to answer unit specific question on a particular evaluation or form.

Evaluation discrepancy data could be transmitted to the intermediate or MAJCOM for compilation to identify training deficiencies command wide. This data could be reviewed periodically by aircraft type, by unit, or by type evaluation to more rapidly identify adverse trends. This option should be used as a management tool to help increase readiness and not as an inspection system. On

the other hand, AF forms 8 and AF forms 847 data could be transmitted to the numbered air forces just prior to formal inspections and these data inspected prior to the arrival of the inspection team. This option should allow inspection teams to reduce the number of personnel required to deploy per inspection. Other possibilities for program enhancement will inevitably arise as the system matures.

MAJCOM/Intermediate HQ Benefits

Question 5: How will the intermediate and MAJCOM headquarters benefit by the implementation of the proposed system?

In addition to the possibilities already discussed, the MAJCOM and intermediate headquarters would experience other benefits by implementation of the proposed system. Since unit standardization/evaluation personnel would spend less time on the administrative aspects of their job more time could be devoted to enhancing readiness and training. Also, as information becomes more easily accessed greater dissemination becomes possible. The more people that know about a problem generally the quicker the problem is resolved. Time and information are two of the Air Forces greatest assets. This system potentially could save time and make more information available to managers at all levels. The conservation of assets and increased

readiness capability could be the greatest benefits for all levels of command.

Program Development

To determine the needs and desired program capabilities the following tasks were accomplished. First, MCR 60-2 Vol I was studied and requirements outlined. Those requirements deemed appropriate for automation were examined further to determine the input and output required. The majority of program elements center on the completion of the AF form 8. Requisite tracking and documentation, emergency and flight evaluation tracking and documentation, trend analysis, and standardization/evaluation flight examiner (SEFE) objectivity all use completed AF forms 8 as source documents.

Next, unstructured interviews with the chiefs of standardization/evaluation for Ninth Air Force units were conducted. Questions asked during these interviews are included in Appendix D. These interviews were used to determine the types of hardware and software being used in the field, the computer experience level standardization/evaluation personnel, and the amount of administrative support available to accomplish routine tasks. Although these were the primary issues discussed during the interviews, in many instances, further discussion identified additional system capabilities desired by the users.

After designing the initial program structure, prog-

ram coding began in earnest. The program was designed in modular form with each module being accessed from the main menu. The prototype program was completed in time to be demonstrated at the annual Ninth Air Force standardization/evaluation conference. Representatives from almost every unit in Ninth Air Force as well as representatives from the National Guard Support Center and Headquarters Air Force Reserves were shown the program and were asked to make comments on program elements. An example of the handout provided at the conference is included in Appendix D. This phase of the project proved to be invaluable. The program demonstration provoked a "brain storming" and "what if analysis" which resulted in reprogramming certain elements. The changes made as a result of the conference gave the program additional capabilities and many more default values which resulted in a much more user-friendly product.

Included in program development was an emphasis on producing a system that could be used with little or no training. To accomplish this, the screens were designed to appear as standard forms used by standardization/evaluation personnel. Also, input controls were used wherever possible to reduce errors by the users. Specifics of each program element are discussed in Chapter IV, Program Documentation. Actual program code, shown in Appendix A, uses a variety of approaches to accomplish the desired tasks.

IV. Program Documentation

The Automated Standardization/Evaluation Management Program was written using Ashton-Tate's dBase III Plus database management software. All program coding is included in Appendix A. An overall program organization chart showing the basic program layout is depicted in Figure 1. As can be seen in Figure 1, the program consists of a startup program, a main menu program, and seven menu selectable options from the main menu. Each of the seven user selectable options also presents the user with additional menu selectable options which guide the user through the system. Each option will automatically return the user to the main menu upon completion of that option. All memory resident programs must be removed for the TAC testing program to be accessed through this program. An error message, "NOT ENOUGH MEMORY", will appear in the event memory resident programs are not removed. The TAC testing program will continue to be available to the user outside the management program if desired.

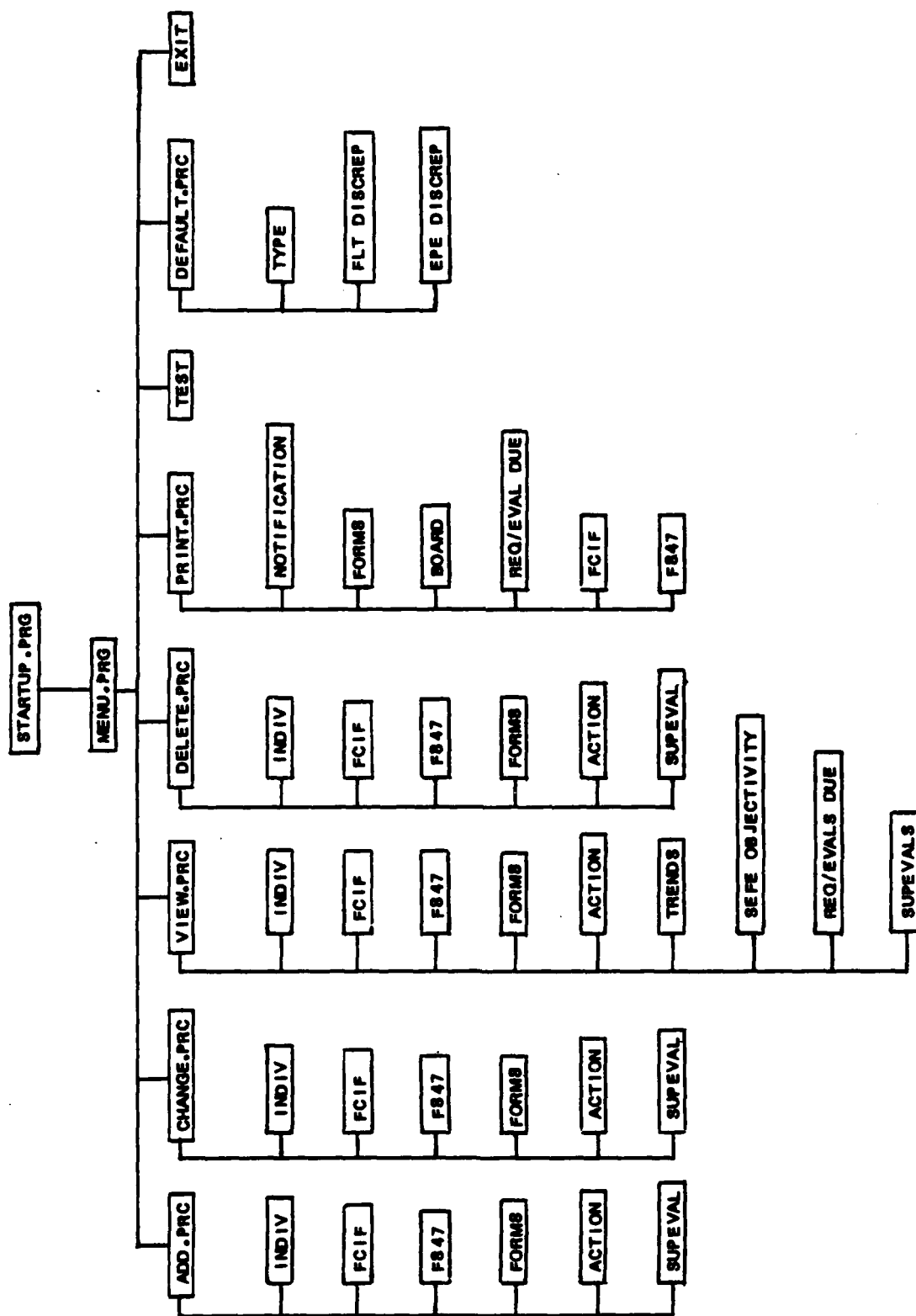


Figure 1

Main Menu

The Main Menu program is entered automatically when dBase III Plus is executed. The Main Menu screen, shown in Figure 2, allows the user to choose the desired option to execute. The program will accept only choices (1) through (7). Any other attempted entry will simply execute the Main Menu option again. To insure the integrity of the databases the user must exit the program from this screen. Any attempted system shutdown from any other point could result in irrecoverable database damage.

STAN/EVAL MANAGEMENT PROGRAM	
1. ADD DATA	2. CHANGE DATA
3. VIEW DATA	4. DELETE DATA
5. PRINT OPTIONS	6. TESTING PROGRAM
7. SET DEFAULTS	8. EXIT PROGRAM

Figure 2

Add Data

A selection of choice (1) in the Main Menu will display the Add Data menu shown in Figure 3. The user is given a choice of the type data he wishes to add. Once an add option has been selected the user may continue adding records in that option until he press <Return> with the cursor in the first field of a blank record. When <Return> is pressed the program moves the user back to the Main Menu screen.

Each menu option under the Add Data Menu presents the user with an easy-to-use data entry screen or other menu selectable options as shown in Figure 4. Default values and automatic file updates where incorporated to the maximum extent possible to reduce errors and enhance the use-computer-interface.

ADD DATA
1. INDIVIDUAL
2. FCIF
3. AF FORM 847
4. AF FORM 8
5. ACTION ITEMS
6. SUPPLEMENTARY EVALUATIONS
PRESS RETURN FOR MAIN MENU

Figure 3

ADD FCIF ITEMS
1. PUBLICATIONS
2. SUPPLEMENT
3. CHANGE
4. IMC
5. READ FILE ITEMS
RETURN FOR MAIN MENU

Figure 4

Change Data

A selection of choice (2) in the Main Menu will display the Change Data menu as shown in Figure 5. The user is given a choice of the type data he wishes to edit. Once a change option has been selected the program will display an index of the desired data and prompt the user for the desired record to edit. The user is limited to editing only one record at a time to help reduce errors and confusion. Once the user has made the desired changes he can page through the record to the end of the record at which point he will be returned to the Main Menu.

CHANGE DATA
1. INDIVIDUAL
2. FCIF
3. AF FORM 847
4. AF FORM 8
5. ACTION ITEMS
6. SUPPLEMENTARY EVALUATION
PRESS RETURN FOR MAIN MENU

Figure 5

View Data

A selection of choice (3) in the Main Menu will display the View Data menu as shown in Figure 6. The user is given a choice of the data to be displayed on the screen. Once an option is selected an index of that type data will appear or other menu selectable options and the user must select the specific record or data to be displayed. No data input or editing is permitted in this program mode. All screens reflect either a standard Air Force form or an easy-to-use format where no standard forms are applicable.

VIEW DATA
1. INDIVIDUAL
2. AF FORM 8
3. AF FORM 847
4. FCIF INDEX
5. OPEN ACTION ITEMS
6. TRENDS
7. SEFE OBJECTIVITY
8. REQUISITES/EVALUATIONS DUE
9. SUPPLEMENTARY EVALUATIONS
PRESS RETURN FOR MAIN MENU

Figure 6

Delete Data

Selecting choice (4) in the Main Menu will move the program to the Delete Data menu as shown in figure 7. The user is given the opportunity to select the type data which he wishes to delete. After selecting the desired option, other menu selectable options or an index of the data appears. At this point the user selects the record he wishes to delete and the data in that record will be displayed on the screen in a familiar format. The program queries the user to insure that the record displayed is indeed the one the user wishes to delete. If the user indicates that the displayed record is to be deleted the program permanently removed that information from the databases. If the user indicated the displayed information should not be deleted, by not affirming deletion, the program returns to the Main Menu.

DELETE DATA
1. INDIVIDUAL
2. FCIF
3. AF FORM 847
4. AF FORM 8
5. ACTION ITEMS
6. SUPPLEMENTARY EVALUATION
PRESS RETURN FOR MAIN MENU

Figure 7

Print Options

A selection of choice (5) in the Main Menu will display the Print Options menu shown in Figure 8. Again, when the user makes a selection from the Print Options menu other menu selectable options or an index of records will appear for the user to chose from. Once the desired data for printing has been selected that data will be output to the default printer. All printers should be configured to ten pitch mode for proper print alignment. Once the data has been printed the program returns to the Main Menu.

PRINT OPTIONS	
1.	NOTIFICATION LETTERS
2.	AF FORM 8
3.	STAN/EVAL BOARD
4.	REQUISITES/EVALUATIONS DUE
5.	FCIF INDEX
6.	AF FORM 847

Figure 8

SET DEFAULTS

The Set Defaults option allows the user to define the types of evaluations to be completed by unit members. Also, using this option the user can define the discrepancy areas for both flight and emergency procedures evaluations. The three default areas shown in Figure 9 must be set prior to attempting to generate an AF Form 8. The management program attempts to access these settings when an AF Form 8 is generated. An irrecoverable error will occur in the event default files do not exist.

SET DEFAULTS
1. TYPE EVALUATIONS
2. FLIGHT EVAL DISCREPANCIES
3. EPE DISCREPANCIES
RETURN FOR MAIN MENU

Figure 9

Testing Program

When option (6) has been selected in the Main Menu the standard Tactical Air Command Testing Program will be executed if available. This program was written in BASICA and compiled by the standardization/evaluation personnel at HQ TAC/DOV. The testing program is a stand-alone program which is called for execution by the proposed management program. The testing program has been documented and released for use by HQ TAC/DOV. Therefore, the testing program will not be discussed further here.

Program General

Unit customization of the standardization/evaluation management program is encouraged to enhance program utility. Users should thoroughly test any changed program options before relying too heavily on it for absolute program management. Advanced dBase III Plus users will enjoy the advantage of additional data manipulation, but should be cautious not to inadvertently collapse databases or indexes. The program was designed to automatically close and save data files after each program option has been executed. Safeguards were incorporated whenever possible to prevent errors and inadvertent loss of data.

V. Conclusion and Recommendations

Conclusions

This thesis began by becoming intimately familiar with all aspects of the TAC Standardization/Evaluation process. The management and report requirements were identified, and classified as being candidates for automation. The feasibility of developing a microcomputer-based software program was determined. Next, a manual system was identified within Ninth Air Force which was considered to be outstanding by the headquarters inspection team. This manual system was then transformed into an automated system and demonstrated at the Ninth Air Force annual Standardization/Evaluation Conference. Recommendations were solicited from the unit chiefs of standardization/evaluation and were incorporated into the program when determined to be a positive addition.

The literature research revealed that some units were currently using locally developed automated systems which were unit specific in most cases. Telephone interviews with unit chiefs of standardization/evaluation revealed that other units had attempted to adopt the existing programs, but with less than satisfactory results. One

area, formal testing, had been automated by personnel at headquarters Tactical Air Command and was considered extremely useful. The proposed program facilitates accessing the TAC testing program through a menu option.

Recommendations

During the development of this program the tactical units of the Air National Guard held an operations micro-computer conference in Tucson, Arizona. The main topic of discussion at this conference was the standardization of software among ANG units. It was determined that dBase III Plus would be the primary database management software for development of applications programs. Although the Air National Guard has initiated steps to standardize software, the active duty and Air Force Reserves were not included in the initial effort. I believe all branches would benefit by a unified effort to produce standardized applications programs. The aim of the program developed during this study was to provide just that, a common starting point for all branches to improve upon and refine to meet specific needs.

Other Applications. Although changes to the program would be required, candidates for program use would include the following:

1. Military Airlift Command (MAC). The standardization/evaluation process for this major command was not

examined in this research, but the basic process is similar to that of Tactical Air Command. Additional aircrew positions would need to be facilitated for use by MAC, but the basic program would provide an excellent starting point for further research.

2. Strategic Air Command (SAC). The same arguments for MAC also apply to SAC. Additionally, a similar program could be developed for the standardization/evaluation process of SAC missile crew members.

3. United States Air Forces Europe (USAFE), Pacific Air Command (PACAF), and Alaskan Air Command (AAC) could possibly adopt this program for use without having to make changes.

Interface Opportunities. Other areas in operational squadrons which could be automated and included in an integrated management information system include: ground training, flying training, life support training, intelligence training, weapons training, and ancillary training. These areas provide opportunities to reduce manpower requirements, eliminate redundant information, and increase productivity. A fully integrated system would place an enormous amount of information at the finger tips of squadron supervisory personnel.

Customer Support. Primary responsibility for customer support should be provided at the lowest level

possible. For example, base data automation centers, numbered air force directorates of standardization/evaluation, or MAJCOM directorates of standardization/evaluation. Other user needs were identified during the research effort, but were not included in this version of the program due primarily to time limitations.

Implementation. The Standardization/Evaluation Management Program provides unit personnel an opportunity to produce required program documentation with much less effort, and at the same time reduce the number of errors. The conservation of manpower and increased accessibility to information will allow more efficient management of this functional area.

Appendix A: Program Coding

```
*****
*STARTUP PROGRAM*
*****

SET TALK OFF
SET COLOR TO W/B+
CLEAR

@ 5,15 SAY "TAC STAN/EVAL;
MANAGEMENT PROGRAM VERSION 1.0"
@ 7,5 SAY "Copyright (c) Bobby M.;
Robinson 1988. All Rights;
Reserved."
@ 8, 5 SAY "The TAC Stan/Eval;
Program is an easy-to-use program;
designed"
@ 9, 5 SAY "for use by the United;
States Air Force. Units may;
customize"
@ 10, 5 SAY "this program to;
individual unit needs, but any;
sale or monetary"
@ 11, 5 SAY "exchange is strictly;
prohibited."
?
?
?
?

WAIT "          Press Any Key to;
Execute the Stan/Eval Program"

*---EXECUTE MAIN MENU PROGRAM---*

DO MENU

*****
*MAIN MENU PROGRAM*
*****

*---STAN/EVAL MANAGEMENT PROGRAM---*

*---MAIN MENU---*

*---SET INITIAL PROGRAM---*
*---PARAMETERS---*

SET DATE BRITISH
SET SCOREBOARD OFF
SET HEADING OFF
SET COLOR TO W/B+
SET HEADING OFF
SET STATUS OFF
```

```
CHOICE = 0
CLEAR

*---CLOSE FILES, DATABASES,---*
*---FORMATS, AND PROCEDURES---*

CLOSE DATABASES
CLOSE PROCEDURE

*--START DO LOOP FOR MENU CHOICE--*

DO WHILE CHOICE <> 8
CLEAR
TEXT
    STAN / EVAL MANAGEMENT PROGRAM

    1. ADD DATA      2. CHANGE DATA
    3. VIEW DATA    4. DELETE DATA
    5. PRINT OPTIONS 6. TESTING PROGRAM
    7. SET DEFAULTS 8. EXIT PROGRAM

ENDTEXT

*-----GET user's CHOICE-----*

@ 23,25 SAY "ENTER CHOICE" GET;
CHOICE;
PICTURE "9" RANGE 1,8

*--DRAW DOUBLE LINES AT--*
*--COORDINATES--*

@ 4,5 TO 4,70 DOUBLE
@ 1,5 to 15,70 DOUBLE

READ

*---Branch to appropriate---*
*---program---*

DO CASE
CASE CHOICE = 1
SET PROCEDURE TO ADD.PRC
DO ADD.PRC
CASE CHOICE = 2
SET PROCEDURE TO CHANGE.PRC
DO CHANGE.PRC
```

```

CLEAR GETS
CASE CHOICE = 3
SET PROCEDURE TO VIEW.PRC
DO VIEW.PRC
CASE CHOICE = 4
SET PROCEDURE TO DELETE.PRC
DO DELETE.PRC
CASE CHOICE = 5
SET PROCEDURE TO PRINT.PRC
DO PRINT.PRC
CASE CHOICE = 6
*---TAC TESTING PROGRAM---*
RUN T21
CASE CHOICE = 7
SET PROCEDURE TO DEFAULT.PRC
DO DEFAULT.PRC
CASE CHOICE = 8
CLOSE DATABASES
CANCEL
ENDCASE
ENDDO (while choice < > 8)
*---Done with program. Return---*
*---to Dot Prompt.---*
*****
*ADD DATA PROCEDURE*
*****
*---START ADD PROCEDURE MENU---*
*---INITIALIZE CHOICE TO ZERO---*
CHOICE = 0
*---START DO LOOP FOR---*
*---APPROPRIATE CHOICE---*
DO WHILE CHOICE <> 6
CLEAR
TEXT
        ADD DATA
        1. INDIVIDUAL
        2. FCIF

```

```

4. AF FORM 8
5. ACTION ITEMS
6. SUPPLEMENTARY EVALUATIONS
PRESS RETURN FOR MAIN MENU

ENDTEXT
*---DRAW DOUBLE LINES AT---*
*---COORDINATES---*
@ 5,10 TO 5,60 DOUBLE
@ 2,10 TO 22,60 DOUBLE
*---ENTER USER'S CHOICE---*
@ 24, 20 SAY "ENTER CHOICE";
GET CHOICE;
PICTURE "9" RANGE 1,6
READ
*---START EXECUTING USER'S---*
*---CHOICE---*
*---OPEN APPROPRIATE FILES,---*
*---INDEXES, DATABASES TO APPEND---*
DO CASE
CASE CHOICE = 1
USE INDIV INDEX INDIV
SET FORMAT TO INDIV
APPEND
CASE CHOICE = 2
DO FCIF.PRC
CASE CHOICE = 3
USE F847 INDEX F847
SET FORMAT TO F847
APPEND
CASE CHOICE = 4
DO FORM8.PRC
CASE CHOICE = 5
USE ACTION INDEX ACTION
SET FORMAT TO ACTION
APPEND
CASE CHOICE = 6
USE SUPEVAL INDEX SUPEVAL
SET FORMAT TO SUPEVAL
APPEND
ENDCASE
*---RESET VARIABLE CHOICE---*
*---EQUAL TO ZERO---*
CHOICE = 0
*---CLOSE OPEN DATABASES---*
CLOSE DATABASES

```

```

3. AF FORM 847
*****
*CHANGE DATA PROCEDURE*
*****

*---INITIALIZE CHOICE TO ZERO---*
CHOICE = 0

*---START DO LOOP FOR---*
*---APPROPRIATE CHOICE---*
DO WHILE CHOICE <> 6
  CLEAR
  TEXT

      CHANGE DATA

      1. INDIVIDUAL
      2. FCIF
      3. AF FORM 847
      4. AF FORM 8
      5. ACTION ITEMS
      6. SUPPLEMENTARY EVALUATION

      PRESS RETURN FOR MAIN MENU

  ENDTEXT

  *-DRAW DOUBLE LINES AT COORDINATES-*
  @ 5,10 TO 5,60 DOUBLE
  @ 2,10 TO 20,60 DOUBLE

  *---ENTER USER'S CHOICE---*
  @ 22, 20 SAY "ENTER CHOICE";
  GET CHOICE;
  PICTURE "9" RANGE 1,6
  READ

  *--START EXECUTION USER'S CHOICE--*

  DO CASE

  CASE CHOICE = 1
  DO INDIV.CHG

  CASE CHOICE = 2
  DO FCIF.CHG

  CASE CHOICE = 3
  DO F847.CHG

  CASE CHOICE = 4
  DO FORM8.CHG

  CASE CHOICE = 5
  DO ACTION.CHG

  CASE CHOICE = 6
  DO SUPEVAL.CHG

  ENDCASE

```

```

*---RETURN TO MAIN MENU---*
RETURN
*---RESET CHOICE EQUAL TO ZERO---*

CHOICE = 0

*---CLOSE OPEN DATABASES---*

CLOSE DATABASES

*---RETURN TO MAIN MENU---*

RETURN

```

```

*****
*VIEW DATA PROCEDURE*
*****

*---START VIEW PROCEDURE MENU---*
*---INITIALIZE CHOICE TO ZERO---*

CHOICE = 0

*---START DO LOOP FOR---*
*---APPROPRIATE CHOICE---*

DO WHILE CHOICE <> 9
  CLEAR
  TEXT

      VIEW DATA

      1. INDIVIDUAL
      2. AF FORM 8
      3. AF FORM 847
      4. FCIF INDEX
      5. OPEN ACTION ITEMS
      6. TRENDS
      7. SEFE OBJECTIVITY
      8. REQUISITES/EVALUATIONS DUE
      9. SUPPLEMENTARY EVALUATIONS

      PRESS RETURN FOR MAIN MENU

```

```

ENDTEXT

*---DRAW DOUBLE LINES AT---*
*---COORDINATES---*

@ 3,10 TO 3,60 DOUBLE
@ 0,10 TO 23,60 DOUBLE

*---ENTER USER'S CHOICE---*

@ 24,20 SAY "ENTER CHOICE";
GET CHOICE;
PICTURE "9" RANGE 1,9
READ

```

CLEAR

-START EXECUTION OF USER'S CHOICE-
---OPEN APPROPRIATE FILES,---
---INDEXES, DATABASES TO VIEW---

DO CASE
CASE CHOICE = 1
USE INDIV INDEX INDIV
DO INDIV.VUE

CASE CHOICE = 2
USE FORM8 INDEX FORM8
DO FORM8.VUE

CASE CHOICE = 3
USE F847 INDEX F847
DO F847.VUE

CASE CHOICE = 4
USE FCIF INDEX FCIF
DO FCIF.VUE

CASE CHOICE = 5
USE ACTION INDEX ACTION
DO ACTION.VUE

CASE CHOICE = 6
USE FORM8 INDEX FORM8
DO TREND.VUE

CASE CHOICE = 7
USE FORM8 INDEX FORM8
DO OBJECT.VUE

CASE CHOICE = 8
USE INDIV INDEX INDIV
DO EVALSDUE.VUE

CASE CHOICE = 9
USE SUPEVAL INDEX SUPEVAL
DO SUPEVAL.VUE

ENDCASE

---RESET CHOICE EQUAL---
---TO ZERO---

CHOICE = 0

---CLOSE OPEN DATABASES---

CLOSE DATABASES

---RETURN TO MAIN MENU---

RETURN

DELETE DATA PROCEDURE

---INITIALIZE CHOICE TO ZERO---
CHOICE = 0

--START DELETE PROCEDURE LOOP--
DO WHILE CHOICE <> 6
CLEAR

DELETE DATA

1. INDIVIDUAL
2. FCIF
3. AF FORM 847
4. AF FORM 8
5. ACTION ITEM
6. SUPPLEMENTARY EVALUATION

PRESS RETURN FOR MAIN MENU

ENDTEXT

---DRAW DOUBLE LINES AT---
---COORDINATES---

@ 5,10 TO 5,60 DOUBLE
@ 2,10 TO 20,60 DOUBLE

---ENTER USER'S CHOICE---

@ 22,20 SAY "ENTER CHOICE";
GET CHOICE;
PICTURE "9" RANGE 1,6
READ

---BEGIN EXECUTION OF---
---USER'S CHOICE---

DO CASE

CASE CHOICE = 1
DO INDIV.DEL

CASE CHOICE = 2
DO FCIF.DEL

CASE CHOICE = 3
DO F847.DEL

CASE CHOICE = 4
DO FORM8.DEL

CASE CHOICE = 5
DO ACTION.DEL

CASE CHOICE = 6
DO SUPEVAL.DEL

ENDCASE

---RESET CHOICE TO ZERO---

CHOICE = 0

---CLOSE OPEN DATABASES---

CLOSE DATABASES

---RETURN TO MAIN MENU---

TEXT

```
*****
*PRINT PROCEDURE*
*****

*---START PRINT OPTIONS MENU---*
*---INITIALIZE CHOICE TO ZERO---*
CHOICE = 0
*---START DO LOOP FOR---*
*---APPROPRIATE CHOICE---*
DO WHILE CHOICE <> 7
CLEAR
TEXT
```

PRINT OPTIONS

- (1) NOTIFICATION LETTERS
- (2) AF FORM 8
- (3) STAN/EVAL BOARD
- (4) REQUISITES/EVALUATIONS DUE
- (5) FCIF INDEX
- (6) AF FORM 847

PRESS RETURN FOR MAIN MENU

ENDTEXT

```
*---DRAW DOUBLE LINES---*
*---AT COORDINATES---*

@ 5,10 TO 5,60 DOUBLE
@ 1,10 TO 21,60 DOUBLE

*---ENTER USER'S CHOICE---*

@ 22,20 SAY "ENTER CHOICE";
GET CHOICE;
PICTURE "9" RANGE 1,7
READ

*--START EXECUTION OF USER'S CHOICE--*
*---OPEN APPROPRIATE FILES,---*
*---INDEXES, DATABASES---*
```

DO CASE

CASE CHOICE = 1
DO INDNOT.PRN

CASE CHOICE = 2
DO FORM8.PRN

CASE CHOICE = 3
DO BOARD.PRN

CASE CHOICE = 4
DO EVALSDUE.PRN

CASE CHOICE = 5
DO FCIF.PRN

CASE CHOICE = 6

RETURN

```
*---RESET CHOICE EQUAL TO ZERO---*
CHOICE = 0

*---CLOSE OPEN DATABASES---*
CLOSE DATABASES

*---RETURN TO MAIN MENU---*

RETURN
```

```
*****
*SET DEFAULTS PROCEDURE*
*****
```

```
*---INITIALIZE CHOICE TO ZERO---*
CHOICE = 0
*--START DO LOOP FOR APPROPRIATE--*
*---CHOICE---*
DO WHILE CHOICE <> 3
CLEAR
TEXT
```

SET DEFAULTS

1. TYPE EVALUATIONS
 2. FLIGHT EVALUATION DISCREPANCIES
 3. EPE DISCREPANCIES
- PRESS RETURN FOR MAIN MENU

ENDTEXT

```
*-DRAW DOUBLE LINES AT COORDINATES-*

@ 5,10 TO 5,60 DOUBLE
@ 2,10 TO 15,60 DOUBLE

*-----ENTER USER'S CHOICE-----*

@ 24,20 SAY "ENTER CHOICE";
GET CHOICE;
PICTURE "9" RANGE 1,3
READ

*--START EXECUTING USER'S CHOICE--*
*--OPEN APPROPRIATE FILES, INDEXES,--*
*-- DATABASES TO APPEND--*
```

DO CASE

CASE CHOICE = 1

USE TYPE_EVA

```

DO F847.PRM
ENDCASE
APPEND

CASE CHOICE = 2

STORE 0 TO MANSWER
CLEAR

@ 5,5 SAY "(1) PILOT DISCREPANCIES"
@ 6,5 SAY "(2) WSO DISCREPANCIES";

GET MANSWER;

PICTURE "9" RANGE 1,2

READ

DO CASE

CASE MANSWER = 1

USE FLTWUPS INDEX FLTWUPS

SET FORMAT TO FLTWUPS

APPEND

CASE MANSWER = 2

USE WFLTUPS INDEX WFLTUPS

SET FORMAT TO WFLTUPS

APPEND

ENDCASE

CASE CHOICE = 3

STORE 0 TO MANSWER

CLEAR

@ 5,5 SAY "(1) PILOT DISCREPANCIES"
@ 6,5 SAY "(2) WSO DISCREPANCIES";

GET MANSWER;

PICTURE "9" RANGE 1,2

READ

DO CASE

CASE MANSWER = 1

USE EPEWUPS INDEX EPEWUPS

SET FORMAT TO EPEWUPS

APPEND

CASE MANSWER = 2

USE WEPWUPS INDEX WEPWUPS

SET FORMAT TO WEPWUPS

```

```

SET FORMAT TO TYPE_EVA
ENDCASE

ENDCASE

*--RESET VARIABLE CHOICE EQUAL--*
*--TO ZERO--*

CHOICE = 0

*----CLOSE OPEN DATABASES----*

CLOSE DATABASES

*----RETURN TO MAIN MENU----*

RETURN

```

APPEND

```
*****
*AF FORM 8 CREATE PROCEDURE*
*****
```

```
*--DECLARE MEMORY VARIABLES OPEN--*
*---TO ALL WORK AREAS---*
```

SET TALK OFF

```
PUBLIC MDATE1, MDATE2, MDATE3,;
MDATE4, MDATE5, MTEST1, MTEST2,;
MTEST3, MTEST4, MTEST5, MUPDATES,;
MEXP, MZONE1, MZONE, MDATE1, MRANK
```

```
PUBLIC MAREANAME, MAREA, MSUBAREA,;
MCOUNT, MRECORD, MLNAME, MFNAME,;
MMI, MSSAN, MLOCAT, MORGAN, MTYPE,;
MCONTNUM, MSCORE1, MSCORE2, MSCORE3,;
MSCORE4, MSCORE5, MEXPIRE1,;
MEXPIRE2, MEXPIRE3, MACFT, MOBX,;
MCBX, MINX, MEPE, MIRC, MUPDATES,;
MZONE, MTAC, MPOS
```

```
*---INITIALIZE MEMORY VARIABLES---*
```

```
STORE " " TO MLNAME
STORE " " TO MFNAME
STORE " " TO MRANK
STORE 0 TO MCONTNUM
STORE 0 TO MRECORD
STORE " " TO MMI
STORE " " TO MSSAN
STORE " " TO MORGAN
STORE " " TO MLOCAT
STORE " " TO MTYPE
STORE " " TO MACFT
STORE " " TO MPOS
STORE 1 TO MCOUNT
STORE " " TO
MSEFE
STORE 0 TO MREC
STORE " " TO MTEST1
STORE " " TO MTEST2
STORE " " TO MTEST3
STORE " " TO MTEST4
STORE " " TO MTEST5
STORE " " TO MTEST6
STORE " " TO MTEST7
STORE CTOD(" / / ") TO MDATE1
STORE CTOD(" / / ") TO MDATE2
STORE CTOD(" / / ") TO MDATE3
STORE CTOD(" / / ") TO MDATE4
STORE CTOD(" / / ") TO MDATE5
STORE " " TO MSCORE1
STORE " " TO MSCORE2
STORE " " TO MSCORE3
STORE " " TO MSCORE4
STORE " " TO MSCORE5
STORE " " TO;
MZONE1
STORE CTOD(" / / ") TO MDATE1
STORE CTOD(" / / ") TO MEXP
STORE " " TO MOBX
STORE " " TO MCBX
STORE " " TO MINX
STORE " " TO MIRC
```

```
STORE " " TO MUPDATES
STORE CTOD(" / / ") TO MEXPIRE1
STORE CTOD(" / / ") TO MEXPIRE3
```

```
*---OPEN EVALUATION TYPE---*
*---DEFAULT FILE---*
```

USE TYPE_EVA

CLEAR

```
*---LIST TO SCREEN TYPES OF---*
*---EVALUATIONS DEFINED---*
```

DISPLAY ALL DESCRIP

```
*---ALLOW USER TO CHOOSE TYPE---*
*---OF EVALUATION DESIRED---*
```

```
@ 15,5 SAY "ENTER NUMBER OF DESIRED;
EVALUATION TYPE: " GET MREC
```

READ

GOTO MREC

```
*---DEFINE MEMORY VARIABLES---*
```

```
MTYPE = TRIM(TYPE)
MOBX = OBX REQ
MCBX = CBX REQ
MINX = INX REQ
MEPE = EPE REQ
MIRC = IRC REQ
MTAC = TAC REQ
MUPDATES = UPDATE
MZONE = ZONE
```

ENDCASE

```
*---DEFINE WHAT REQUISITES---*
*---ARE NEEDED---*
```

DO CASE

```
CASE MOBX = "Y" .OR. MOBX = "T";
MTEST1 = "OPEN BOOK"
```

ENDCASE

DO CASE

```
CASE MCBX = "Y" .OR. MCBX = "T";
MTEST2 = "CLOSED BOOK"
```

ENDCASE

DO CASE

```
CASE MINX = "Y" .OR. MINX = "T";
MTEST3 = "INSTRUMENT"
```

ENDCASE

DO CASE

```

STORE " " TO MTAC
STORE " " TO MEPE
ENDCASE

DO CASE
CASE MIRC = "Y" .OR. MIRC = "T";
MTEST5 = "IRC"
ENDCASE

DO CASE
CASE MTAC = "Y" .OR. MTAC = "T";
MTEST6 = "TAC TEST"
ENDCASE

CLOSE DATABASES

CLEAR

*--OPEN FORM8 DATABASE AND INDEX--*
SELECT 1
USE FORM8 INDEX FORM8
CLEAR
IF EOF()
@ 8, 5 SAY "THERE ARE NO CONTROL;
NUMBERS IN THIS FILE"
?
WAIT "PRESS ANY KEY TO CONTINUE"
CLEAR
ELSE
GOTO TOP
*---LOCATE AND DEFINE NEXT---*
*---CONTROL NUMBER IN SEQUENCE---*
LOCATE FOR CONTNUM <> 0
MCOUNT = CONTNUM
DO WHILE FOUND()
IF CONTNUM > MCOUNT
MCOUNT = CONTNUM
ELSE
MCOUNT = MCOUNT
ENDIF
CONTINUE
ENDDO

```

```

CASE MEPE = "Y" .OR. MEPE = "T";
MTEST4 = "EPE"
SELECT 2

*---OPEN INDIVIDUAL DATABASE---*
*---AND INDEX---*

*---DISPLAY AND ALLOW USER TO---*
*---CHOOSE INDIVIDUAL---*

USE INDIV INDEX INDIV

@ 1, 5 SAY "REC NAME;
RANK ACFT"

DO WHILE .NOT. EOF() .AND.;
MRECORD = 0 DISPLAY NEXT 18 LNAME;;
FNAME, MI, RANK, ACFT

@ 24,5 SAY "ENTER RECORD NUMBER TO;
ADD: " GET MRECORD

READ

CLEAR

ENDDO

IF MRECORD = 0
CLOSE DATABASES
RETURN
ELSE
MCOUNT = MCOUNT + 1
MCONTNUM = MCOUNT
GOTO MRECORD
CLEAR
*--IDENTIFY PROPER ZONE FOR TYPE--*
*---EVAL CHOSEN---*

DO CASE
CASE MTYPE = "INST/QUAL"
MZONE1 = ZONE1
CASE MTYPE = "TACTICAL"
MZONE1 = ZONE2
CASE MTYPE = "MISSION"
MZONE1 = ZONE3
CASE MTYPE = "QUALIFICATION"
MZONE1 = ZONE4
CASE MTYPE = "TAC/QUAL"

```

```

ENDIF
*---IDENTIFY EXPIRATION DATE---*
*---OF EVALUATION CHOSEN---*

*---DEFINE MEMORY VARIABLE VALUES---*

MEXPIRE1 = EXPIRE1
MEXPIRE2 = EXPIRE2
MEXPIRE3 = EXPIRE3
MORGAN = ORGAN
MLOCAT = LOCAT
MSSAN = SSAN
MMI = MI
MPOS = POSITION
MACFT = ACFT
MLNAME = LNAME
MFNAME = FNAME
MRANK = RANK

SELECT 1

CLEAR

*--IDENTIFY WHEN FLIGHT PHASE OF--*
*---EVAL WAS COMPLETED---*

@ 5,5 SAY "ENTER THE DATE FLIGHT;
PHASE WAS COMPLETED: " GET MEXP;
PICTURE 'CTOD( " / / " )'

READ

*---ENTER AN EMPTY RECORD---*
*---REPLACE APPROPRIATE FIELDS---*
*---WITH MEMORY VARIABLES---*

APPEND BLANK

MDATE1 = MEXP

REPLACE DATE1 WITH MEXP
REPLACE CONTNUM WITH MCONTNUM
REPLACE LNAME WITH '&MLNAME'
REPLACE FNAME WITH '&MFNAME'
REPLACE MI WITH '&MMI'
REPLACE RANK WITH '&MRANK'
REPLACE SSAN WITH '&MSSAN'
REPLACE ORGAN WITH '&MORGAN'
REPLACE LOCAT WITH '&MLOCAT'
REPLACE ACFT WITH '&MACFT'
REPLACE POSITION WITH '&MPOS'
REPLACE FLT1 WITH MTYPE
REPLACE TEST1 WITH '&MTEST1'

IF MUPDATES = "Y" .OR. ;
MUPDATES = "T"

REPLACE ELIGPER WITH '&MZONE1'

ELSE

ENDIF

*---POSITION REQUISITES ON FORM---*
*---PROPERLY---*

```

```

MZONE1 = ZONE5

ENDCASE
CASE TEST1 = "

REPLACE TEST1 WITH '&MTEST1'

ENDCASE

DO CASE

CASE TEST1 = "

REPLACE TEST1 WITH '&MTEST2'

CASE TEST1 <> "
.AND. TEST2 = "

REPLACE TEST2 WITH '&MTEST2'

ENDCASE

DO CASE

CASE TEST1 = "

REPLACE TEST1 WITH '&MTEST3'

CASE TEST1 <> "
.AND. TEST2 = "

REPLACE TEST2 WITH '&MTEST3'

CASE TEST1 <> "
.AND. TEST2 <> "
.AND. TEST3 = "

REPLACE TEST3 WITH '&MTEST3'

ENDCASE
DO CASE

CASE TEST1 = "

REPLACE TEST1 WITH '&MTEST4'

CASE TEST1 <> "
.AND. TEST2 = "

REPLACE TEST2 WITH '&MTEST4'

CASE TEST1 <> "
.AND. TEST2 <> "
.AND. TEST3 = "

REPLACE TEST3 WITH '&MTEST4'

CASE TEST1 <> "
.AND. TEST2 <> "
.AND. TEST3 <> "
.AND. TEST4 = "

REPLACE TEST4 WITH '&MTEST4'

ENDCASE

DO CASE

```

```

DO CASE
CASE TEST1 <> " "
.AND. TEST2 = " "

REPLACE TEST2 WITH '&MTEST5'

CASE TEST1 <> " "
.AND. TEST2 <> " "
.AND. TEST3 = " "

REPLACE TEST3 WITH '&MTEST5'

CASE TEST1 <> " "
.AND. TEST2 <> " "
.AND. TEST3 <> " "
.AND. TEST4 = " "

REPLACE TEST4 WITH '&MTEST5'

CASE TEST1 <> " "
.AND. TEST2 <> " "
.AND. TEST3 <> " "
.AND. TEST4 <> " "

REPLACE TEST5 WITH '&MTEST5'

ENDCASE

DO CASE
CASE TEST1 = " "

REPLACE TEST1 WITH '&MTEST6'

CASE TEST1 <> " "
.AND. TEST2 = " "

REPLACE TEST2 WITH '&MTEST6'

CASE TEST1 <> " "
.AND. TEST2 <> " "
.AND. TEST3 = " "

REPLACE TEST3 WITH '&MTEST6'

CASE TEST1 <> " "
.AND. TEST2 <> " "
.AND. TEST3 <> " "
.AND. TEST4 = " "

REPLACE TEST4 WITH '&MTEST6'

CASE TEST1 <> " "
.AND. TEST2 <> " "
.AND. TEST3 <> " "
.AND. TEST4 <> " "
.AND. TEST5 <> " "

ENDCASE

*---REDEFINE MEMORY VARIABLES---*

MTDATE1 = TDATE1
MTDATE2 = TDATE2
MTDATE3 = TDATE3
MTDATE4 = TDATE4

```

```

CASE TEST1 = " "

REPLACE TEST1 WITH '&MTEST5'
MSCORE3 = SCORE3
MSCORE4 = SCORE4
MSCORE5 = SCORE5

*-CALCULATE NEW EXPIRATION DATES-*

DO CASE
CASE MZONE = 17
IF DTOC(MEXP) <> (" / / ")

DO CASE
CASE MEXP >= CTOD("01/09/91");
.AND. MEXP <= CTOD("29/02/92") .OR.;
MEXP >= CTOD("01/09/95") .AND. MEXP;
<= CTOD("29/02/96") .OR. MEXP >= ;
CTOD("01/09/99") .AND. MEXP <= ;
CTOD("29/02/00")

IF LEFT(DTOC(MEXP),5) = "01/01"

MEXP = MEXP + 517

ELSE

ENDIF

IF VAL(STR(MONTH(MEXP))) = 1

MEXP = MEXP + 516

ELSE

ENDIF

IF VAL(STR(MONTH(MEXP))) >= 2;
.AND. VAL(STR(MONTH(MEXP))) <= 8;

MEXP = MEXP + 519

ELSE

ENDIF

IF LEFT(DTOC(MEXP),5) = "01/09";
.OR. LEFT(DTOC(MEXP),5) = "01/10";
.OR. LEFT(DTOC(MEXP),5) = "01/11";
.OR. LEFT(DTOC(MEXP),5) = "01/12"

MEXP = MEXP + 519

ELSE

ENDIF

IF VAL(STR(MONTH(MEXP))) = 9 .OR.;
VAL(STR(MONTH(MEXP))) = 10 .OR.;
VAL(STR(MONTH(MEXP))) = 11 .OR.;
VAL(STR(MONTH(MEXP))) = 12

MEXP = MEXP + 517

ELSE

```

```

MTDATE5 = TDATE5
MSCORE1 = SCORE1
MSCORE2 = SCORE2
CASE LEFT(DTOC(MEXP),5) = "01/01"

MEXP = MEXP + 516

CASE VAL(STR(MONTH(MEXP))) = 1

MEXP = MEXP + 515

CASE VAL(STR(MONTH(MEXP))) >= 2;
.AND. VAL(STR(MONTH(MEXP))) <= 8

MEXP = MEXP + 518

CASE LEFT(DTOC(MEXP),5) = "01/09";
.OR. LEFT(DTOC(MEXP),5) = "01/10";
.OR. LEFT(DTOC(MEXP),5) = "01/11";
.OR. LEFT(DTOC(MEXP),5) = "01/12"

MEXP = MEXP + 518

CASE VAL(STR(MONTH(MEXP))) = 9;
.OR. VAL(STR(MONTH(MEXP))) = 10;
.OR. VAL(STR(MONTH(MEXP))) = 11;
.OR. VAL(STR(MONTH(MEXP))) = 12

MEXP = MEXP + 516

ENDCASE

ELSE

ENDIF

CASE DTOC(MEXP) = (" / / ")

ENDCASE

IF DTOC(MEXP) <> (" / / ")

REPLACE EXP1 WITH TRIM(FLT1) +;
" " + LEFT(CMONTH(MEXP),3) +;
" " + RIGHT(STR(YEAR(MEXP),4),2)

ELSE DTOC(MEXP) = (" / / ")

REPLACE EXP1 WITH TRIM(FLT1) + " "

ENDIF

*---REPLACE OLD EXPIRATION DATES---*
*---IN INDIV DATABASE WITH NEW---*

SELECT 2

DO CASE

CASE MTYPE = "INST/QUAL"

IF DTOC(MEXP) <> (" / / ")

REPLACE ZONE1 WITH;
LEFT(CMONTH(MDATE1),3)+" "+RIGHT;
(STR((YEAR(MDATE1)+1),4),2)+;
" " + LEFT(CMONTH(MEXP),3)+;
" " + RIGHT(STR(YEAR(MEXP),4),2)


```

```

ENDIF

ELSE

ENDIF

CASE MTYPE = "TACTICAL"

IF DTOC(MEXP) <> (" / / ")

REPLACE ZONE2 WITH;
LEFT(CMONTH(MDATE1),3)+" "+RIGHT;
(STR((YEAR(MDATE1)+1),4),2)+;
" " + LEFT(CMONTH(MEXP),3)+;
" " + RIGHT(STR(YEAR(MEXP),4),2)

REPLACE EXPIRE2 WITH MEXP

ELSE

ENDIF

CASE MTYPE = "MISSION"

IF DTOC(MEXP) <> (" / / ")

REPLACE ZONE3 WITH;
LEFT(CMONTH(MDATE1),3)+" "+RIGHT;
(STR((YEAR(MDATE1)+1),4),2)+;
" " + LEFT(CMONTH(MEXP),3)+;
" " + RIGHT(STR(YEAR(MEXP),4),2)

REPLACE EXPIRE3 WITH MEXP

ELSE

ENDIF

CASE MTYPE = "TAC/QUAL"

IF DTOC(MEXP) <> (" / / ")

REPLACE ZONE4 WITH;
LEFT(CMONTH(MDATE1),3)+" "+RIGHT;
(STR((YEAR(MDATE1)+1),4),2)+;
" " + LEFT(CMONTH(MEXP),3)+;
" " + RIGHT(STR(YEAR(MEXP),4),2)

REPLACE EXPIRE4 WITH MEXP

ELSE

ENDIF

ENDCASE

SELECT 1

SET FORMAT TO FORM8

EDIT NEXT 1

CLOSE ALL

SELECT 1

USE FORM8 INDEX FORM8

```

```

REPLACE EXPIRE1 WITH MEXP

REPLACE TDATE1 WITH MDATE1
REPLACE TDATE2 WITH MDATE2
REPLACE TDATE3 WITH MDATE3
REPLACE TDATE4 WITH MDATE4
REPLACE TDATE5 WITH MDATE5
REPLACE SCORE1 WITH MSCORE1
REPLACE SCORE2 WITH MSCORE2
REPLACE SCORE3 WITH MSCORE3
REPLACE SCORE4 WITH MSCORE4
REPLACE SCORE5 WITH MSCORE5

SELECT 2

*---REPLACE REQUISITE/EVAL DATES---*
*---IN INDIV WITH NEW DATES---*

USE INDIV INDEX INDIV
GOTO MRECORD

DO CASE
CASE DTOC(MDATE1) <> (" / / ")
IF MTEST1 = "OPEN BOOK"
REPLACE OPENBOOK WITH MDATE1
REPLACE SCORE1 WITH MSCORE1
ELSE
ENDIF
IF MTEST1 = "CLOSED BOOK"
REPLACE CLOSEDBOOK WITH MDATE1
REPLACE SCORE1 WITH MSCORE1
ELSE
ENDIF
IF MTEST1 = "INSTRUMENT"
REPLACE INSTRUMENT WITH MDATE1
REPLACE SCORE1 WITH MSCORE1
ELSE
ENDIF
IF MTEST1 = "TACTICAL"
REPLACE TACTEST WITH MDATE1
REPLACE SCORE1 WITH MSCORE1
ELSE
ENDIF
IF MTYPE = "INST/QUAL" .AND.;
MTEST1 = "EPE"
REPLACE SCORE1 WITH MSCORE1
REPLACE IEPE WITH MDATE1

```

```

ENDIF
IF MTYPE = "TACTICAL" .AND.; MTEST1
= "EPE"
REPLACE SCORE1 WITH MSCORE1
REPLACE TEPE WITH MDATE1
ENDIF
CASE DTOC(MDATE1) = (" / / ")
ENDCASE
DO CASE
CASE DTOC(MDATE2) <> (" / / ")
IF MTEST2 = "OPEN BOOK"
REPLACE OPENBOOK WITH MDATE2
REPLACE SCORE2 WITH MSCORE2
ELSE
ENDIF
IF MTEST2 = "CLOSED BOOK"
REPLACE CLOSEDBOOK WITH MDATE2
REPLACE SCORE2 WITH MSCORE2
ELSE
ENDIF
IF MTEST2 = "INSTRUMENT"
REPLACE INSTRUMENT WITH MDATE2
REPLACE SCORE2 WITH MSCORE2
ELSE
ENDIF
IF MTEST2 = "TACTICAL"
REPLACE TACTEST WITH MDATE2
REPLACE SCORE2 WITH MSCORE2
ELSE
ENDIF
IF MTYPE = "INST/QUAL" .AND.;
MTEST2 = "EPE"
REPLACE IEPE WITH MDATE2
REPLACE SCORE2 WITH MSCORE2
ELSE
ENDIF
IF MTYPE = "TACTICAL" .AND.;

```

```

ELSE
REPLACE TEPE WITH MTDAT2
REPLACE SCORE2 WITH MSCORE2
ENDIF
CASE DTOC(MTDAT2) = (" / / ")
ENDCASE
DO CASE
CASE DTOC(MTDAT3) <> (" / / ")
IF MTEST3 = "OPEN BOOK"
REPLACE OPENBOOK WITH MTDAT3
REPLACE SCORE3 WITH MSCORE3
ELSE
ENDIF
IF MTEST3 = "CLOSED BOOK"
REPLACE CLOSEDBOOK WITH MTDAT3
REPLACE SCORE3 WITH MSCORE3
ELSE
ENDIF
IF MTEST3 = "INSTRUMENT"
REPLACE INSTRUMENT WITH MTDAT3
REPLACE SCORE3 WITH MSCORE3
ELSE
ENDIF
IF MTEST3 = "TACTICAL"
REPLACE TACTEST WITH MTDAT3
REPLACE SCORE3 WITH MSCORE3
ELSE
ENDIF
IF MTYPE = "INST/QUAL" .AND.;
MTEST3 = "EPE"
REPLACE IEPE WITH MTDAT3
REPLACE SCORE3 WITH MSCORE3
ELSE
ENDIF
IF MTYPE = "TACTICAL" .AND.;
MTEST3 = "EPE"
REPLACE TEPE WITH MTDAT3
REPLACE SCORE3 WITH MSCORE3

```

```

MTEST2 = "EPE"
ENDCASE
DO CASE
CASE DTOC(MTDAT4) <> (" / / ")
IF MTEST4 = "OPEN BOOK"
REPLACE OPENBOOK WITH MTDAT4
REPLACE SCORE4 WITH MSCORE4
ELSE
ENDIF
IF MTEST4 = "CLOSED BOOK"
REPLACE CLOSEDBOOK WITH MTDAT4
REPLACE SCORE4 WITH MSCORE4
ELSE
ENDIF
IF MTEST4 = "INSTRUMENT"
REPLACE INSTRUMENT WITH MTDAT4
REPLACE SCORE4 WITH MSCORE4
ELSE
ENDIF
IF MTEST4 = "TACTICAL"
REPLACE TACTEST WITH MTDAT4
REPLACE SCORE4 WITH MSCORE4
ELSE
ENDIF
IF MTYPE = "INST/QUAL" .AND.;
MTEST4 = "EPE"
REPLACE IEPE WITH MTDAT4
REPLACE SCORE4 WITH MSCORE4
ELSE
ENDIF
IF MTYPE = "TACTICAL" .AND.; MTEST4
= "EPE"
REPLACE TEPE WITH MTDAT4
REPLACE SCORE4 WITH MSCORE4
ENDIF
CASE DTOC(MTDAT4) = (" / / ")
ENDCASE
DO CASE

```

```

ENDIF
CASE DTOC(MTDATE3) = (" / / ")
REPLACE OPENBOOK WITH MTDATE5
REPLACE SCORE5 WITH MSCORE5

ELSE
ENDIF
IF MTEST5 = "CLOSED BOOK"
REPLACE CLOSEDBOOK WITH MTDATE5
REPLACE SCORE5 WITH MSCORE5

ELSE
ENDIF
IF MTEST5 = "INSTRUMENT"
REPLACE INSTRUMENT WITH MTDATE5
REPLACE SCORE5 WITH MSCORE5

ELSE
ENDIF
IF MTEST5 = "TACTICAL"
REPLACE TACTEST WITH MTDATE5
REPLACE SCORE5 WITH MSCORE5

ELSE
ENDIF
IF MTYPE = "INST/QUAL" .AND.;
MTEST5 = "EPE"
REPLACE IEPE WITH MTDATE5
REPLACE SCORE5 WITH MSCORE5

ELSE
ENDIF
IF MTYPE = "TACTICAL" .AND.; MTEST5
= "EPE"
REPLACE TEPE WITH MTDATE5
REPLACE SCORE5 WITH MSCORE5

ENDIF
CASE DTOC(MTDATE5) = (" / / ")
ENDCASE
CLOSE ALL
CLEAR
STORE " " TO MRESPONSE
STORE CTOD(" / / ") TO MCOMPDATE
STORE " " TO
MEXAMINER

```

```

CASE DTOC(MTDATE5) <> (" / / ")
*--PREPARING TO COMPLETE REVERSE--*
*---SIDE OF AF FORM8---*

@ 2, 5 SAY " EPE DISCREPANCIES"
@ 9, 10 SAY "ENTER DATE OF THE;
EVALUATION: " GET MCOMPDATE
@ 10, 10 SAY "ENTER EXAMINER'S;
NAME ADMINISTERING EPE: " GET
MEXAMINER;
PICTURE "01"
@ 13, 10 SAY "ENTER AN EPE;
DISCREPANCY: RETURN FOR (NO) OR;
(Y) FOR YES: ";
GET MRESPONSE;
PICTURE "01"

READ
SELECT 3
*--IF THERE ARE EPE DISCREPANCIES--*
*---OPEN DATABASE AND ENTER---*
*---CHOSE PROPER DISCREPANCY---*
*---DEFAULT FILE---*

USE EPEDIS INDEX EPEDIS
SELECT 5
IF MPOS = "P" .OR. MPOS = "IP" .OR.;
MPOS = "CP"
USE EPEWUPS INDEX EPEWUPS
ELSE
USE WEPWUPS INDEX WEPWUPS
ENDIF
DO WHILE MRESPONSE = "Y"
SELECT 3
APPEND BLANK
CLEAR
STORE 0 TO MAREA
STORE " " TO MSUBAREA
STORE " " TO MAREANAME
@ 5,5 SAY "ENTER AREA AND SUBAREA;
NUMBER OF DISCREPANCY: " GET MAREA
@ 5, 65 GET MSUBAREA
READ
SELECT 5
LOCATE FOR AREA = MAREA .AND.;
SUBAREA = MSUBAREA
IF .NOT. FOUND()

```

```

*---CHECK FOR VALID DISCREPANCY---*
@ 5,5 SAY "          NOT A;
VALID AREA"

DELETE

PACK

ELSE

MAREANAME = AREANAME

SELECT 3

*---REPLACE FIELDS WITH PROPER---*
*---DEFAULTS---*

REPLACE AREANAME WITH '&MAREANAME'
REPLACE AREA WITH MAREA
REPLACE SUBAREA WITH '&MSUBAREA'
REPLACE CONTNUM WITH MCONTNUM
REPLACE EXAMINER WITH '&MEXAMINER'
REPLACE TYPE WITH '&MTYPE'
REPLACE COMDATE WITH MCOMDATE
REPLACE ACFT WITH '&MACFT'
REPLACE POSITION WITH '&MPOS'

SET FORMAT TO EPEDIS

EDIT NEXT 1

CLOSE ALL

STORE " " TO MRESPONSE
STORE 0 TO MAREA
STORE " " TO MSUBAREA

CLEAR

SELECT 3

USE EPEDIS INDEX EPEDIS

SELECT 5

IF MPOS = "P" .OR. MPOS = "IP" .OR.;
MPOS = "CP"

USE EPEWUPS INDEX EPEWUPS

ELSE

USE WEPWUPS INDEX WEPWUPS

ENDIF

*---CHECK FOR MORE THAN ONE---*
*---DISCREPANCY---*
*--IF YES LOOP FOR ANOTHER ENTRY--*

@ 10 , 2 SAY "ENTER ANOTHER EPE;
DISCREPANCY: RETURN FOR (NO) OR;
(Y) F OR YES: " GET MRESPONSE;
PICTURE "0!"

```

```

CLEAR

ENDIF

ENDDO

CLOSE ALL

CLEAR

SELECT 1

USE FORM8 INDEX FORM8

LOCATE FOR CONTNUM = MCONTNUM
MSEFE = TRIM(EXAMINER)
MTYPE = TRIM(FLT1)

CLOSE ALL

STORE " " TO MRESPONSE
STORE CTOD(" / / ") TO MDATE
STORE " " TO MEXAMINER

*---LOOP FOR ENTERING---*
*---FLIGHT DISCREPANCIES---*

@ 2, 5 SAY " FLIGHT DISCREPANCIES"
@ 10 , 10 SAY "ENTER DATE OF THE;
EVALUATION: " GET MDATE
@ 11,10 SAY "ENTER LAST NAME OF;
FLIGHT EXAMINER: " GET MEXAMINER;
PICTURE "0!"
@ 13, 2 SAY "ENTER A FLIGHT;
DISCREPANCY: RETURN FOR (NO) OR;
(Y) FOR YES: " GET; MRESPONSE;
PICTURE "0!"

READ

SELECT 2

USE FLTDIS INDEX FLTDIS

SELECT 5

*---CHOSE PROPER DEFAULT FILE---*

IF MPOS = "P" .OR. MPOS = "IP" .OR.;
MPOS = "CP"

USE FLTWUPS INDEX FLTWUPS

ELSE

USE WFLTUPS INDEX WFLTUPS

ENDIF

DO WHILE MRESPONSE = "Y"

SELECT 2

*--ENTER BLANK RECORD AND REPLACE--*
*---FIELDS WITH DEFAULTS---*

```

```

READ
STORE 0 TO MAREA
STORE " " TO MSUBAREA
STORE " " TO MAREANAME
@ 5,5 SAY "ENTER AREA AND SUBAREA;
NUMBER OF DISCREPANCY: " GET MAREA
@ 5,65 GET MSUBAREA
READ
SELECT 5
LOCATE FOR AREA = MAREA AND.;
SUBAREA = MSUBAREA
IF .NOT. FOUND()
CLEAR
@ 5,5 SAY " NOT A VALID AREA"
DELETE
PACK
ELSE
MAREANAME = AREANAME
SELECT 2
REPLACE AREANAME WITH '&MAREANAME'
REPLACE AREA WITH MAREA
REPLACE SUBAREA WITH '&MSUBAREA'
REPLACE CONTNUM WITH MCONTNUM
REPLACE EXAMINER WITH '&MEXAMINER'
REPLACE FLT1 WITH '&MTYPE'
REPLACE COMDATE WITH MDATE
REPLACE ACFT WITH '&MACFT'
REPLACE POSITION WITH '&MPOS'
SET FORMAT TO FLTDIS
EDIT NEXT 1
CLOSE ALL
STORE " " TO MRESPONSE
STORE 0 TO MAREA
STORE " " TO MSUBAREA
CLEAR
SELECT 2
USE FLTDIS INDEX FLTDIS
SELECT 5
IF MPOS = "P" .OR. MPOS = "IP" .OR.;
MPOS = "CP"
USE FLTWUPS INDEX FLTWUPS
ELSE

```

```

APPEND BLANK
CLEAR
ENDIF
*---CHECK FOR MORE THAN ONE---*
*---DISCREPANCY---*
@ 10, 2 SAY "ENTER ANOTHER FLIGHT;
DISCREPANCY: RETURN FOR (NO) OR;
(Y) FOR YES: " GET MRESPONSE;
PICTURE "01"
READ
ENDIF
ENDDO
CLOSE ALL
USE FORM8 INDEX FORM8
CLEAR
LOCATE FOR CONTNUM = MCONTNUM
*---COMPLETE REMAINDER OF FORM8---*
SET FORMAT TO SEC456.FMT
EDIT NEXT 1
ENDIF
CLOSE DATABASES
CHOICE = 0
*----RETURN TO MAIN MENU----*
RETURN

```

USE WFLTUPS INDEX WFLTUPS

```
*****
*FCIF ADD DATA PROCEDURE*
*****

*----INITIALIZE CHOICE TO ZERO----*
CHOICE = 0
*--BEGIN FCIF ADD DATA PROCEDURE--*
DO WHILE CHOICE <> 5
  CLEAR
  TEXT

    ADD FCIF ITEMS

      1. PUBLICATION
      2. SUPPLEMENT
      3. CHANGE
      4. IMC
      5. READ FILE ITEM

    RETURN TO MAIN MENU

  ENDTXT

*--DRAW DOUBLE LINES AT COORDINATES--*

@ 4,15 TO 4,60 DOUBLE
@ 1,15 TO 20,60 DOUBLE

*----ENTER USER'S CHOICE----*

@ 23, 25 SAY "ENTER CHOICE";
GET CHOICE;
PICTURE "9" RANGE 1, 5

READ

*--BEGIN EXECUTION OF USER'S CHOICE--*

DO CASE
CASE CHOICE = 1

*----OPEN FCIF FOR PUBLICATIONS----*

  CLEAR
  STORE 0 TO MANSWER
  @ 5, 5 SAY "(1) TECHNICAL ORDERS "
  @ 6, 5 SAY "(2) REGULATIONS;
  " GET MANSWER;
  PICTURE "9" RANGE 1,2
  READ

  DO CASE
  CASE MANSWER = 1

    USE TECHORD INDEX TECHORD

    SET FORMAT TO TECHORD
    APPEND
```

```
*---SCREEN FORMAT FOR---*
*--PUBLICATIONS ENTRY--*

SET FORMAT TO FCIF
APPEND
ENDCASE
CASE CHOICE = 2

*----OPEN FCIF FOR SUPPLEMENTS----*

USE FCIF2 INDEX FCIF2

*--SET SCREEN FORMAT FOR--*
*--SUPPLEMENT ENTRY--*

SET FORMAT TO FCIF2
APPEND

CASE CHOICE = 3

*----OPEN FCIF FOR CHANGES----*

USE FCIF3 INDEX FCIF3

*--SET SCREEN FORMAT FOR--*
*--CHANGE ENTRY--*

SET FORMAT TO FCIF3
APPEND

CASE CHOICE = 4

*----OPEN FCIF FOR IMCS----*

USE FCIF4 INDEX FCIF4

*----SET SCREEN FOR IMC ENTRY----*

SET FORMAT TO FCIF4
APPEND

CASE CHOICE = 5

*--OPEN FCIF FOR READ FILE ITEMS--*

USE FCIF5 INDEX FCIF5

*SET SCREEN FOR READ FILE ENTRY----*

SET FORMAT TO FCIF5
APPEND

ENDCASE

*----RESET CHOICE EQUAL TO ZERO----*

CHOICE = 0

*----CLOSE OPEN DATABASES----*

CLOSE DATABASES

*----RETURN TO MAIN MENU----*
```

```

CASE MANSWER = 2

USE FCIF INDEX FCIF
*****
*SUP EVAL ADD DATA PROCEDURE*
*****

*-OPEN SUPEVAL DATABASE AND INDEX-*
USE SUPEVAL INDEX SUPEVAL
*----SET PROPER SCREEN FORMAT----*
SET FORMAT TO SUPEVAL.FMT
*----CREATE BLANK RECORD----*
APPEND BLANK
*-EDIT RECORD WITH NEW INFORMATION-*
EDIT
*----CLOSE ALL DATABASES----*
CLOSE DATABASES
*----RETURN TO MAIN MENU----*
RETURN

```

```

*****
*INDIVIDUAL CHANGE PROCEDURE*
*****

*----OPEN DATABASE FOR----*
*----INDIVIDUAL'S FILE----*

CLEAR
USE INDIV INDEX INDIV
*---INITIALIZE MEMORY VARIABLES---*
STORE 0 TO MREC

CLEAR
?
?

*ENTER MEMORY VARIABLES AT*
*--SCREEN PROMPT--*

DO WHILE .NOT. EOF() .AND. MREC = 0
DISPLAY NEXT 18 TRIM(LNAME)+;
" "+TRIM(FNAME)+" "+TRIM(MI), ACFT
@ 24,5 SAY "ENTER RECORD NUMBER TO;
CHANGE: " GET MREC

READ
CLEAR
ENDDO

```

```

RETURN

IF MREC = 0
*----RESET CHOICE EQUAL TO ZERO----*
CHOICE = 0
*----CLOSE OPEN DATABASES----*
CLOSE DATABASES
*IF ENTRY WAS BLANK RETURN*
*--TO MAIN MENU--*

RETURN
ENDIF
GOTO MREC

*----SET SCREEN FORMAT FOR----*
*----INDIVIDUAL FILE EDIT----*
SET FORMAT TO INDIV.FMT
*----EDIT ONLY THE NEXT RECORD----*
EDIT NEXT 1
*----CLOSE OPEN DATABASES----*
CLOSE DATABASES
*----RESET CHOICE EQUAL TO ZERO----*
CHOICE = 0
*----RETURN TO MAIN MENU----*
RETURN

```

CHECK CONDITION OF ENTRY FOR BLANK

 FCIF CHANGE PROCEDURE

----RESET CHOICE EQUAL TO ZERO----
 CHOICE = 0
 BEGIN DO LOOP TO CHANGE
 --ANY FCIF ITEM--

DO WHILE CHOICE <> 5
 CLEAR
 TEXT

CHANGE FCIF ITEMS

1. PUBLICATION
2. SUPPLEMENT
3. CHANGE
4. IMC
5. READ FILE ITEM

RETURN TO MAIN MENU

ENDTEXT

DRAW DOUBLE LINE AT COORDINATES

@ 4,15 TO 4,60 DOUBLE
 @ 1,15 TO 20,60 DOUBLE

----ENTER USER'S CHOICE----

@ 23, 25 SAY "ENTER CHOICE";
 GET CHOICE;
 PICTURE "9" RANGE 1, 5

READ

----EXECUTE USER'S CHOICE----

DO CASE
 CASE CHOICE = 1

OPEN FCIF DATABASE FOR
 --PUBLICATIONS--

STORE 0 TO MANSWER

CLEAR

@ 5, 5 SAY "(1) TECH ORDER "

@ 6, 5 SAY "(2) PUBLICATIONS;

" GET MANSWER;

PICTURE "9" RANGE 1,2

READ

DO CASE

CASE MANSWER = 1

USE TECHORD INDEX TECHORD

STORE " " TO MPUBNUM

STORE " " TO MPUB2

STORE " " TO MPUB3

STORE " " TO MPUB4

STORE " " TO MPUB5

@ 5, 40 SAY "" GET MPUB2;

PICTURE "01"

@ 5, 46 SAY "" GET MPUB3;

PICTURE "01"

@ 5, 52 SAY "" GET MPUB4;

PICTURE "01"

@ 5, 58 SAY "" GET MPUB5;

PICTURE "01"

READ

CLEAR

GOTO TOP

LOCATE FOR PUBNUM =;

TRIM('&MPUBNUM') .AND. PUB2 = ;

TRIM('&MPUB2') .AND. PUB3 = ;

TRIM('&MPUB3') .AND. PUB4 = ;

TRIM('&MPUB4') .AND. PUB5 = ;

TRIM('&MPUB5')

SET FORMAT TO TECHORD

EDIT NEXT 1

CASE MANSWER = 2

USE FCIF INDEX FCIF

----INITIALIZE MEMORY VARIABLE----

STORE " " TO MTYPE

STORE 0 TO MNUM

STORE 0 TO MNUM2

STORE " " TO MVOLUMN

CLEAR

ENTER MEMORY VARIABLE AT

--SCREEN PROMPT--

@ 5, 5 SAY "ENTER PUBLICATION TO;

CHANGE: " GET MTYPE;

PICTURE "01"

@ 5, 41 SAY "" GET MNUM;

PICTURE "####"

@ 5, 47 SAY "-" GET MNUM2;

PICTURE "####"

@ 5, 55 GET MVOLUMN;

PICTURE "01"

READ

CLEAR

GOTO TOP

LOCATE THE REQUESTED PUBLICATION

LOCATE FOR TYPE = TRIM('&MTYPE');

.AND. NUM = MNUM .AND. NUM2 = ;

MNUM2 .AND. VOLUMN = ;

TRIM('&MVOLUMN')

SET SCREEN FORMAT TO CHANGE

--PUBLICATIONS DATA--

SET FORMAT TO FCIF

----EDIT ONLY THE NEXT RECORD----

EDIT NEXT 1

ENDCASE

CASE CHOICE = 2

```

0 5, 5 SAY "ENTER TECH ORDER;
TO CHANGE: " GET MPUBNUM;
PICTURE "01"
USE FCIF2 INDEX FCIF2

*---INITIALIZE MEMORY VARIABLES---*

STORE " " TO MPUBNUM
STORE " " TO MSUP
CLEAR

*-ENTER MEMORY VARIABLES AT THE-*
*---SCREEN PROMPT---*

0 5,5 SAY " ENTER THE BASIC;
PUBLICATION: " GET MPUBNUM;
PICTURE "01"
0 6,5 SAY "ENTER THE SUPPLEMENT TO;
CHANGE: " GET MSUP;
PICTURE "01"
READ
GOTO TOP

*LOCATE THE DESIRED SUPPLEMENT*
*--FOR A GIVEN PUBLICATION--*

LOCATE FOR PUBNUM = '&MPUBNUM';
AND. SUP = '&MSUP'
DO WHILE FOUND()

*-SET SCREEN FORMAT FOR CHANGING-*
*--DATA IN SUPPLEMENT FILE--*

SET FORMAT TO FCIF2

*-----EDIT ONLY THE NEXT RECORD-----*

EDIT NEXT 1

ENDDO

CASE CHOICE = 3

*OPEN DATABASE FOR CHANGING DATA*
*--IN CHANGE FILE--*

USE FCIF3 INDEX FCIF3

*---INITIALIZE MEMORY VARIABLES---*

STORE " " TO MPUBNUM
STORE " " TO MCHANGE
CLEAR

*-ENTER MEMORY VARIABLES AT THE-*
*--SCREEN PROMPT--*

0 5,5 SAY "ENTER THE BASIC;
PUBLICATION: " GET MPUBNUM;
PICTURE "01"
0 6,5 SAY "ENTER THE CHANGE TO EDIT;
: " GET MCHANGE;
PICTURE "01"
READ
GOTO TOP

*LOCATE THE DESIRED CHANGE TO*

```

```

*OPEN DATABASE FOR SUPPLEMENTS*
*--TO PUBLICATIONS--*
AND. CHANGE = '&MCHANGE'
DO WHILE FOUND()

*SET SCREEN FORMAT FOR CHANGE DATA*
SET FORMAT TO FCIF3

*-----EDIT ON THE NEXT RECORD-----*

EDIT NEXT 1

ENDDO

CASE CHOICE = 4

*-----OPEN DATABASE FOR IMCS-----*

USE FCIF4 INDEX FCIF4

*---INITIALIZE MEMORY VARIABLES---*

STORE " " TO MPUBNUM
STORE " " TO MIMC
CLEAR

*-----ENTER MEMORY VARIABLES AT-----*
*---SCREEN PROMPT---*

0 5,5 SAY "ENTER THE BASIC;
PUBLICATION: " GET MPUBNUM;
PICTURE "01"
0 6,5 SAY " ENTER THE INC TO;
EDIT: " GET MIMC;
PICTURE "01"
READ
GOTO TOP

*-----LOCATE THE DESIRED INC-----*

LOCATE FOR PUBNUM = '&MPUBNUM';
AND. INC = '&MIMC'
DO WHILE FOUND()

*SET SCREEN FORMAT FOR CHANGING*
*--DESIRED INC--*

SET FORMAT TO FCIF4

*-----EDIT ONLY THE NEXT RECORD-----*

EDIT NEXT 1

ENDDO

CASE CHOICE = 5

*OPEN DATABASE FOR READ FILE ITEMS*

USE FCIF5 INDEX FCIF5

*---INITIALIZE MEMORY VARIABLES---*

STORE " " TO MCONTNUM
CLEAR

*-----ENTER MEMORY VARIABLES AT-----*

```

```

*--THE GIVEN PUBLICATION--*
LOCATE FOR PUBNUM = '&MPUBNUM';
OF ITEM TO CHANGE: " GET MCONTNUM;
PICTURE "01"
READ
GOTO TOP

*LOCATE THE DESIRED READ FILE ITEM*
LOCATE FOR CONTNUM = '&MCONTNUM'
DO WHILE FOUND()

*SET SCREEN FORMAT FOR CHANGING*
*--READ FILE ITEMS--*

SET FORMAT TO FCIF5

*-----EDIT ONLY THE NEXT RECORD-----*
EDIT NEXT 1

ENDDO
ENDCASE

*-----CLOSE OPEN DATABASES-----*
CLOSE DATABASES

*-----RESET CHOICE EQUAL TO ZERO-----*
CHOICE = 0

*-----RETURN TO MAIN MENU-----*
RETURN

```

```

*****
*AF FORM 847 CHANGE PROCEDURE*
*****

```

```

*-----OPEN FORM 847 DATABASE-----*

CLEAR
USE F847 INDEX F847

*--LIST TO SCREEN ALL 847'S--*
*--STATUS, UNIT, NUMBER, TITLE,--*
*--AND DATE--*
DISPLAY ALL STATUS, UNIT , NUMBER,;
TITLE, DATE OFF

*-----INITIALIZE MEMORY VARIABLE-----*

STORE " " TO MCONTNUM
?
?

*ENTER MEMORY VARIABLE AT*
*--SCREEN PROMPT--*

ACCEPT "ENTER CONTROL NUMBER OF;
FORM TO EDIT: " TO MCONTNUM

*CHECK FOR EMPTY MEMORY VARIABLE*

```

```

*-----SCREEN PROMPT-----*

@ 5,5 SAY "ENTER THE CONTROL NUMBER;
RETURN
ELSE

*-----SET SCREEN FORMAT FOR-----*
*--AF FORM847 FORMAT--*

SET FORMAT TO F847.FMT

*LOCATE THE DESIRED AF FORM 847*

LOCATE FOR NUMBER = '&MCONTNUM'

*-----EDIT ONLY THE NEXT RECORD-----*
EDIT NEXT 1

*-----CLOSE OPEN DATABASES-----*
CLOSE DATABASES

*-----RESET CHOICE EQUAL TO ZERO-----*
CHOICE = 0

*-----RETURN TO MAIN MENU-----*
RETURN

```

```

IF " " = '&MCONTNUM'
CHOICE=0
CLOSE DATABASES
*****
*AF FORM 8 CHANGE PROCEDURE*
*****

*PROCEDURE FOR CHANGING AF FORMS 8*
*DECLARE VARIABLES FOR USE IN ALL*
*-----DATABASES-----*

SET TALK OFF
CHOICE = 0
PUBLIC MPOS, MTEST1, MTEST2, MTEST3,;
MTEST4, MTEST5, MDATE1, MDATE2,;
MDATE3, MDATE4, MDATE5, MSCORE1,;
MSCORE2, MSCORE3, MSCORE4, MSCORE5,;
MLNAME, MFNAME, MUPDATE, MZONE1,;
MEVALDATE, MEXP, MZONE, MTYPE,;
MCONTNUM, MCOUNT, TEST, MACFT, MPOS
CLEAR
STORE CTOD(" / / ") TO MDATE1
STORE CTOD(" / / ") TO MDATE2
STORE CTOD(" / / ") TO MDATE3
STORE CTOD(" / / ") TO MDATE4
STORE CTOD(" / / ") TO MDATE5
STORE " " TO MSCORE1
STORE " " TO MSCORE2
STORE " " TO MSCORE3
STORE " " TO MSCORE4
STORE " " TO MSCORE5
STORE " " TO MTEST1
STORE " " TO MTEST2
STORE " " TO MTEST3
STORE " " TO MTEST4
STORE " " TO MTEST5
STORE " " TO MLNAME
STORE " " TO MFNAME
STORE " " TO MTYPE
STORE " " TO MZONE1
STORE " " TO MACFT
STORE " " TO MUPDATE
STORE 0 TO MZONE

*-----OPEN FORM8 DATABASE AND-----*
*-----INDEX IN AREA ONE-----*
SELECT 1
USE FORM8 INDEX FORM8

*----INITIALIZE MEMORY VARIABLES----*

STORE 0 TO MCONTNUM
STORE 96 TO MCOUNT
STORE 0 TO TEST
STORE CTOD(" / / ") TO MEXP
STORE CTOD(" / / ") TO MEVALDATE
CLEAR

@ 1,1 SAY " CONT # NAME;
TYPE EVALUATION DATE"
?
GOTO TOP

*LIST TO SCREEN CONTROL NUMBERS,*
*NAME, TYPE AND COMPLETION DATE*

DO WHILE .NOT. EOF() .AND.;
MCONTNUM = 0
DISPLAY NEXT 18 CONTNUM,;

```

```

*-----ENTER MEMORY VARIABLES AT-----*
*-----SCREEN PROMPT-----*

```

```

@ 24,5 SAY " ENTER CONTROL NUMBER;
OF FORM 8 TO VIEW: " GET MCONTNUM
READ
CLEAR
ENDDO

```

```

*-----CHECK FOR EMPTY MEMORY-----*
*-----VARIABLE-----*

```

```

IF MCONTNUM = 0
CHOICE = 0
CLOSE DATABASES
RETURN
ENDIF
ELSE
ENDIF
CLEAR
@ 5,5 SAY "ENTER DATE FLIGHT;
EVALUATION COMPLETED: ";
GET MEVALDATE;
PICTURE 'CTOD(" / / ")'
READ

```

```

*--LOCATE FORM 8 WITH REQUESTED--*
*--CONTROL NUMBER--*

```

```

LOCATE FOR CONTNUM = MCONTNUM;
MTYPE = FLT1
SELECT 2
USE TYPE EVA
LOCATE FOR TYPE = TRIM('&MTYPE')
MUPDATE = UPDATE
MZONE = ZONE
SELECT 1
MLNAME = LNAME
MFNAME = FNAME
MPOS = POSITION
DO CASE
CASE MZONE = 17
MEXP = MEVALDATE
DO CASE
CASE DTOC(MEVALDATE) = (" / / ")
MEXP = MEVALDATE
CASE DTOC(MEVALDATE) <> (" / / ")
DO CASE
CASE MEXP >= CTOD("01/09/91");
.AND. MEXP <= CTOD("29/02/92") .OR.;
MEXP >= CTOD("01/09/95") .AND. MEXP;
<= CTOD("29/02/96") .OR. MEXP;
>= CTOD("01/09/99") .AND. MEXP;
<= CTOD("29/02/00")
IF LEFT(DTOC(MEXP),5) = "01/01"
MEXP = MEXP + 517
ELSE
IF VAL(STR(MONTH(MEXP))) = 1
MEXP = MEXP + 516
ELSE
IF VAL(STR(MONTH(MEXP))) >= 2;
.AND. VAL(STR(MONTH(MEXP))) <= 8
MEXP = MEXP + 519
ELSE
IF LEFT(DTOC(MEXP),5) = "01/09";

```

```

TRIM(LNAME) + " " + LEFT(FNAME,1);
FLT1, COMPDATE FOR STATUS;
<> "CLOSED" OFF
MEXP = MEXP + 519
ELSE
IF VAL(STR(MONTH(MEXP))) = 9;
.OR. VAL(STR(MONTH(MEXP))) = 10;
.OR. VAL(STR(MONTH(MEXP))) = 11;
.OR. VAL(STR(MONTH(MEXP))) = 12
MEXP = MEXP + 517
ENDIF
CASE LEFT(DTOC(MEXP),5) = "01/01"
MEXP = MEXP + 516
CASE VAL(STR(MONTH(MEXP))) = 1
MEXP = MEXP + 515
CASE VAL(STR(MONTH(MEXP))) >= 2;
.AND. VAL(STR(MONTH(MEXP))) <= 8
MEXP = MEXP + 518
CASE LEFT(DTOC(MEXP),5) = "01/09";
.OR. LEFT(DTOC(MEXP),5) = "01/10";
.OR. LEFT(DTOC(MEXP),5) = "01/11";
.OR. LEFT(DTOC(MEXP),5) = "01/12"
MEXP = MEXP + 518
CASE VAL(STR(MONTH(MEXP))) = 9;
.OR. VAL(STR(MONTH(MEXP))) = 10;
.OR. VAL(STR(MONTH(MEXP))) = 11;
.OR. VAL(STR(MONTH(MEXP))) = 12
MEXP = MEXP + 516
ENDCASE
IF DTOC(MEXP) <> (" / / ")
DO CASE
CASE DTOC(DATE2) = (" / / ")
REPLACE EXP1 WITH TRIM(FLT1) +;
": " + LEFT(CMONTH(MEXP),3) + " ";
+ RIGHT(STR(YEAR(MEXP),4),2)
REPLACE FLT2 WITH FLT1
REPLACE DATE2 WITH MEVALDATE
CASE DTOC(DATE3) = (" / / ")
REPLACE EXP1 WITH TRIM(FLT1) +;
": " + LEFT(CMONTH(MEXP),3) + " ";
+ RIGHT(STR(YEAR(MEXP),4),2)
REPLACE FLT3 WITH FLT1
REPLACE DATE3 WITH MEVALDATE
CASE DTOC(DATE4) = (" / / ")
REPLACE EXP1 WITH TRIM(FLT1) +;
": " + LEFT(CMONTH(MEXP),3) + " ";
+ RIGHT(STR(YEAR(MEXP),4),2)
REPLACE FLT4 WITH FLT1
REPLACE DATE4 WITH MEVALDATE
CASE DTOC(DATE5) = (" / / ")
REPLACE EXP1 WITH TRIM(FLT1) +;
": " + LEFT(CMONTH(MEXP),3) + " ";
+ RIGHT(STR(YEAR(MEXP),4),2)
REPLACE FLT5 WITH FLT1
REPLACE DATE5 WITH MEVALDATE
ENDCASE
ELSE
MEXP = MEVALDATE
ENDIF
ENDCASE
SELECT 3
STORE 0 TO MRECORD
USE INDIV INDEX INDIV
LOCATE FOR LNAME = TRIM(MLNAME);
.AND. FNAME = TRIM(MFNAME)
MRECORD = RECNO()
DO CASE

```

```

.OR. LEFT(DTOC(MEXP),5) = "01/10";
.OR. LEFT(DTOC(MEXP),5) = "01/11";
.OR. LEFT(DTOC(MEXP),5) = "01/12";
LEFT(CMONTH(MEVALDATE),3) + " ";
+ RIGHT(STR((YEAR(MEVALDATE)+1);
4),2)+ " - " + LEFT(CMONTH(MEXP),3);
" " + RIGHT(STR(YEAR(MEXP),4),2)
REPLACE EXPIRE1 WITH MEXP
ENDIF
CASE MTYPE = "TACTICAL"
IF DTOC(MEXP) <> (" / / ")
REPLACE ZONE2 WITH
LEFT(CMONTH(MEVALDATE),3)+ " ";
+ RIGHT(STR((YEAR(MEVALDATE)+1);
4),2)+ " - " + LEFT(CMONTH(MEXP);
3)+ " " + RIGHT(STR(YEAR(MEXP),4),2)
REPLACE EXPIRE2 WITH MEXP
ENDIF
CASE MTYPE = "MISSION"
IF DTOC(MEXP) <> (" / / ")
REPLACE ZONE3 WITH
LEFT(CMONTH(MEVALDATE),3)+ " ";
+ RIGHT(STR((YEAR(MEVALDATE)+1);
4),2)+ " - " + LEFT(CMONTH(MEXP);
3)+ " " + RIGHT(STR(YEAR(MEXP),4),2)
REPLACE EXPIRE3 WITH MEXP
ENDIF
CASE MTYPE = "TAC/QUAL"
IF DTOC(MEXP) <> (" / / ")
REPLACE ZONE4 WITH
LEFT(CMONTH(MEVALDATE),3)+ " ";
+ RIGHT(STR((YEAR(MEVALDATE)+1);
4),2)+ " - " + LEFT(CMONTH(MEXP),3);
" " + RIGHT(STR(YEAR(MEXP),4),2)
REPLACE EXPIRE4 WITH MEXP
ENDIF
ENDCASE

SELECT 1

MDATE1 = TDATE1
MDATE2 = TDATE2
MDATE3 = TDATE3
MDATE4 = TDATE4
MDATE5 = TDATE5
MSCORE1 = SCORE1
MSCORE2 = SCORE2
MSCORE3 = SCORE3
MSCORE4 = SCORE4
MSCORE5 = SCORE5
MTEST1 = TEST1
MTEST2 = TEST2
MTEST3 = TEST3
MTEST4 = TEST4
MTEST5 = TEST5
MACFT = ACFT

*----SET SCREEN FORMAT TO----*
*----FORM 8 CHANGE FORMAT----*

SET FORMAT TO FORM8
READ
EDIT NEXT 0

*----CLOSE FILES----*

CLOSE ALL
SELECT 1

```

```

CASE MTYPE = "INST/QUAL"
IF DTOC(MEVALDATE) <> (" / / ")
REPLACE ZONE1 WITH
REPLACE TDATE1 WITH MTDATE1
ENDIF
IF DTOC(MTDATE2) <> (" / / ")
REPLACE TDATE2 WITH MTDATE2
ENDIF

IF DTOC(MTDATE3) <> (" / / ")
REPLACE TDATE3 WITH MTDATE3
ENDIF
IF DTOC(MTDATE4) <> (" / / ")
REPLACE TDATE4 WITH MTDATE4
ENDIF
IF DTOC(MTDATE5) <> (" / / ")
REPLACE TDATE5 WITH MTDATES
ENDIF
IF SCORE1 <> " "
REPLACE SCORE1 WITH MSCORE1
ENDIF
IF SCORE2 <> " "
REPLACE SCORE2 WITH MSCORE2
ENDIF
IF SCORE3 <> " "
REPLACE SCORE3 WITH MSCORE3
ENDIF
IF SCORE4 <> " "
REPLACE SCORE4 WITH MSCORE4
ENDIF
IF SCORE5 <> " "
REPLACE SCORE5 WITH MSCORE5
ENDIF
SELECT 2
USE INDIV INDEX INDIV
GOTO MRECORD
DO CASE
CASE DTOC(MTDATE1) <> (" / / ")
IF MTEST1 = "OPEN BOOK"
REPLACE OPENBOOK WITH MTDATE1
REPLACE SCORE1 WITH MSCORE1
ELSE
ENDIF
IF MTEST1 = "CLOSED BOOK"
REPLACE CLOSEDBOOK WITH MTDATE1
REPLACE SCORE1 WITH MSCORE1
ELSE
ENDIF
IF MTEST1 = "INSTRUMENT"
REPLACE INSTRUMENT WITH MTDATE1
REPLACE SCORE1 WITH MSCORE1
ELSE
ENDIF
IF MTEST1 = "TACTICAL"
REPLACE TACTEST WITH MTDATE1
REPLACE SCORE1 WITH MSCORE1
ELSE
ENDIF
IF MTYPE = "INST/QUAL" .AND.;
MTEST1 = "EPE"
REPLACE SCORE1 WITH MSCORE1
REPLACE IEPE WITH MTDATE1
ELSE
ENDIF
IF MTYPE = "TACTICAL" .AND.;
MTEST1 = "EPE"
REPLACE SCORE1 WITH MSCORE1
REPLACE TEPE WITH MTDATE1

```

```

USE FORM8 INDEX FORM8
LOCATE FOR CONTNUM = MCONTNUM
IF DTOC(MTDATE1) <> (" / / ")
DO CASE
CASE DTOC(MTDATE2) <> (" / / ")
IF MTEST2 = "OPEN BOOK"
REPLACE OPENBOOK WITH MTDATE2
REPLACE SCORE2 WITH MSCORE2
ELSE
ENDIF
IF MTEST2 = "CLOSED BOOK"
REPLACE CLOSEDBOOK WITH MTDATE2
REPLACE SCORE2 WITH MSCORE2
ELSE
ENDIF
IF MTEST2 = "INSTRUMENT"
REPLACE INSTRUMENT WITH MTDATE2
REPLACE SCORE2 WITH MSCORE2
ELSE
ENDIF
IF MTEST2 = "TACTICAL"
REPLACE TACTEST WITH MTDATE2
REPLACE SCORE2 WITH MSCORE2
ELSE
ENDIF
IF MTYPE = "INST/QUAL" .AND.;
MTEST2 = "EPE"
REPLACE IEPE WITH MTDATE2
REPLACE SCORE2 WITH MSCORE2
ELSE
ENDIF
IF MTYPE = "TACTICAL" .AND.;
MTEST2 = "EPE"
REPLACE TEPE WITH MTDATE2
REPLACE SCORE2 WITH MSCORE2
ENDIF
CASE DTOC(MTDATE2) = (" / / ")
ENDCASE
DO CASE
CASE DTOC(MTDATE3) <> (" / / ")
IF MTEST3 = "OPEN BOOK"
REPLACE OPENBOOK WITH MTDATE3
REPLACE SCORE3 WITH MSCORE3
ELSE
ENDIF
IF MTEST3 = "CLOSED BOOK"
REPLACE CLOSEDBOOK WITH MTDATE3
REPLACE SCORE3 WITH MSCORE3
ELSE
ENDIF
IF MTEST3 = "INSTRUMENT"
REPLACE INSTRUMENT WITH MTDATE3
REPLACE SCORE3 WITH MSCORE3
ELSE
ENDIF
IF MTEST3 = "TACTICAL"
REPLACE TACTEST WITH MTDATE3
REPLACE SCORE3 WITH MSCORE3
ELSE
ENDIF
IF MTYPE = "INST/QUAL" .AND.;
MTEST3 = "EPE"
REPLACE IEPE WITH MTDATE3
REPLACE SCORE3 WITH MSCORE3
ELSE
ENDIF
IF MTYPE = "TACTICAL" .AND.;

```

```

ENDIF
CASE DTOC(MTDATE1) = (" / / ")
ENDCASE
ENDIF
CASE DTOC(MTDATE3) = (" / / ")
ENDCASE
DO CASE
CASE DTOC(MTDATE4) <> (" / / ")
IF MTEST4 = "OPEN BOOK"
REPLACE OPENBOOK WITH MTDATE4
REPLACE SCORE4 WITH MSCORE4
ELSE
ENDIF
IF MTEST4 = "CLOSED BOOK"
REPLACE CLOSEDBOOK WITH MTDATE4
REPLACE SCORE4 WITH MSCORE4
ELSE
ENDIF
IF MTEST4 = "INSTRUMENT"
REPLACE INSTRUMENT WITH MTDATE4
REPLACE SCORE4 WITH MSCORE4
ELSE
ENDIF
IF MTEST4 = "TACTICAL"
REPLACE TACTEST WITH MTDATE4
REPLACE SCORE4 WITH MSCORE4
ELSE
ENDIF
IF MTYPE = "INST/QUAL" .AND.;
MTEST4 = "EPE"
REPLACE IEPE WITH MTDATE4
REPLACE SCORE4 WITH MSCORE4
ELSE
ENDIF
IF MTYPE = "TACTICAL" .AND.;
MTEST4 = "EPE"
REPLACE TEPE WITH MTDATE4
REPLACE SCORE4 WITH MSCORE4
ENDIF
CASE DTOC(MTDATE4) = (" / / ")
ENDCASE
DO CASE
CASE DTOC(MTDATE5) <> (" / / ")
IF MTEST5 = "OPEN BOOK"
REPLACE OPENBOOK WITH MTDATE5
REPLACE SCORE5 WITH MSCORE5
ELSE
ENDIF
IF MTEST5 = "CLOSED BOOK"
REPLACE CLOSEDBOOK WITH MTDATE5
REPLACE SCORE5 WITH MSCORE5
ELSE
ENDIF
IF MTEST5 = "INSTRUMENT"
REPLACE INSTRUMENT WITH MTDATE5
REPLACE SCORE5 WITH MSCORE5
ELSE
ENDIF
IF MTEST5 = "TACTICAL"
REPLACE TACTEST WITH MTDATE5
REPLACE SCORE5 WITH MSCORE5
ELSE
ENDIF
IF MTYPE = "INST/QUAL" .AND.;
MTEST5 = "EPE"
REPLACE IEPE WITH MTDATE5
REPLACE SCORE5 WITH MSCORE5
ELSE

```

```

MTEST3 = "EPE"
REPLACE TEPE WITH MTDATE3
REPLACE SCORE3 WITH MSCORE3
REPLACE TEPE WITH MTDATE5
REPLACE SCORE5 WITH MSCORE5
ENDIF
CASE DTOC(MTDATE5) = (" / / ")
ENDCASE
CLOSE ALL
CLEAR

*-----INITIALIZE MEMORY VARIABLE-----*

STORE 0 TO MOPT

*---ENTER MEMORY VARIABLES---*
*---AT SCREEN PROMPT---*

@ 5,5 SAY "(1) ADD DISCREPANCIES"
@ 6,5 SAY "(2) CHANGE;"
DISCREPANCIES: " GET MOPT
READ

*---CHECK CONDITION AND BEGIN---*
*---LOOP AS NECESSARY---*

DO CASE
CASE MOPT = 1

CLEAR
STORE " " TO MRESPONSE
STORE CTOD(" / / ") TO MCOMPDATE
STORE " " TO MEXAMINER
@ 2, 5 SAY " EPE DISCREPANCIES"
@ 9, 10 SAY "ENTER EXAMINER'S;"
NAME ADMINISTERING EPE: ";
GET MEXAMINER;
PICTURE "01"
@ 10, 10 SAY "ENTER DATE OF THE;"
EVALUATION: " GET MCOMPDATE
@ 13, 10 SAY "ENTER AN EPE;"
DISCREPANCY: RETURN FOR (NO) OR;
(Y) FOR YES: " GET MRESPONSE;
PICTURE "01"
READ
SELECT 3
USE EPEDIS INDEX EPEDIS
SELECT 5
IF MPOS = "P" .OR. MPOS = "IP" .OR.;
MPOS = "CP"
USE EPEWUPS INDEX EPEWUPS
ELSE
USE WEPWUPS INDEX WEPWUPS
ENDIF
DO WHILE MRESPONSE = "Y"
CLEAR
SELECT 3
APPEND BLANK
STORE 0 TO MAREA
STORE " " TO MSUBAREA
STORE " " TO MAREANAME
@ 5,5 SAY "ENTER AREA AND SUBAREA;"
NUMBER OF DISCREPANCY: " GET MAREA
@ 5, 65 GET MSUBAREA
READ
SELECT 5
LOCATE FOR AREA = MAREA .AND.;

```

```

ENDIF
IF MTYPE = "TACTICAL" .AND.;
MTEST5 = "EPE"
@ 5,5 SAY " NOT A VALID AREA"
DELETE
PACK
ELSE
MAREANAME = AREANAME
SELECT 3
REPLACE AREANAME WITH '&MAREANAME'
REPLACE AREA WITH MAREA
REPLACE SUBAREA WITH '&MSUBAREA'
REPLACE CONTNUM WITH MCONTNUM
REPLACE EXAMINER WITH '&MEXAMINER'
REPLACE TYPE WITH '&MTYPE'
REPLACE COMPDTE WITH MCOMPDTE
REPLACE ACFT WITH '&MACFT'
REPLACE POSITION WITH '&MPOS'
SET FORMAT TO EPEDIS
EDIT NEXT 1
CLOSE ALL
STORE " " TO MRESPONSE
STORE 0 TO MAREA
STORE " " TO MSUBAREA
CLEAR
SELECT 3
USE EPEDIS INDEX EPEDIS
SELECT 5
IF MPOS = "P" .OR. MPOS = "IP" .OR.;
MPOS = "CP"
USE EPEWUPS INDEX EPEWUPS
ELSE
USE WEPWUPS INDEX WEPWUPS
ENDIF
@ 10, 2 SAY "ENTER ANOTHER EPE
DISCREPANCY: RETURN FOR (NO) OR;
(Y) FOR YES: " GET MRESPONSE;
PICTURE "01"
READ
ENDIF
ENDDO
CLOSE ALL
CLEAR

*----OPEN FLIGHT DISCREPANCY----*
*----DATABASE----*

*---INITIALIZE MEMORY VARIABLES---*

STORE " " TO MRESPONSE
STORE CTOD(" / / ") TO MDATE
STORE " " TO MEXAMINER

*----ENTER MEMORY VARIABLES----*
*----AT SCREEN PROMPT----*

@ 2, 5 SAY " FLIGHT DISCREPANCIES"
@ 9, 10 SAY "ENTER LAST NAME OF;
FLIGHT EXAMINER: " GET MEXAMINER;
PICTURE "01"
@ 10, 10 SAY "ENTER DATE OF THE;
EVALUATION: " GET MDATE
@ 13, 2 SAY "ENTER A FLIGHT;
DISCREPANCY: RETURN FOR (NO) OR;
(Y) FOR YES: " GET MRESPONSE;
PICTURE "01"
READ
SELECT 2

```

```

SUBAREA = MSUBAREA
IF .NOT. FOUND()
CLEAR
MPOS = "CP"
USE FLTWUPS INDEX FLTWUPS
ELSE
USE WFLTUPS INDEX WFLTUPS
ENDIF
DO WHILE MRESPONSE = "Y"
CLEAR
SELECT 2
APPEND BLANK
STORE 0 TO MAREA
STORE " " TO MSUBAREA
STORE " " TO MAREANAME
@ 5,5 SAY "ENTER AREA AND SUBAREA;
NUMBER OF DISCREPANCY: " GET MAREA
@ 5,65 GET MSUBAREA
READ
SELECT 5
LOCATE FOR AREA = MAREA .AND.;
SUBAREA = MSUBAREA
IF .NOT. FOUND()
CLEAR
@ 5,5 SAY " NOT A VALID AREA"
DELETE
PACK
ELSE
MAREANAME = AREANAME
SELECT 2
REPLACE AREANAME WITH '&MAREANAME'
REPLACE AREA WITH MAREA
REPLACE SUBAREA WITH '&MSUBAREA'
REPLACE CONTNUM WITH MCONTNUM
REPLACE EXAMINER WITH '&MEXAMINER'
REPLACE FLT1 WITH '&MTYPE'
REPLACE COMPDTE WITH MDATE
REPLACE ACFT WITH '&MACFT'
REPLACE POSITION WITH '&MPOS'
SET FORMAT TO FLTDIS
EDIT NEXT 1
CLOSE ALL
STORE " " TO MRESPONSE
STORE 0 TO MAREA
STORE " " TO MSUBAREA
CLEAR
SELECT 2
USE FLTDIS INDEX FLTDIS
SELECT 5
IF MPOS = "P" .OR. MPOS = "IP";
.OR. MPOS = "CP"
USE FLTWUPS INDEX FLTWUPS
ELSE
USE WFLTUPS INDEX WFLTUPS
ENDIF
@ 10, 2 SAY "ENTER ANOTHER FLIGHT;
DISCREPANCY: RETURN FOR (NO) OR;
(Y) FOR YES: " GET MRESPONSE;
PICTURE "01"
READ
ENDIF
ENDDO
CLOSE ALL

*----CHECK USER'S INPUT----*

CASE MOPT = 2

```

```

USE FLTDIS INDEX FLTDIS
SELECT 5
IF MPOS = "P" .OR. MPOS = "IP" .OR.;
USE EPEDIS INDEX EPEDIS
GOTO TOP

```

```

*---LOCATE FOR REQUESTED---*
*---CONTROL NUMBER---*

```

```

LOCATE FOR CONTNUM = MCONTNUM

```

```

*---BEGIN LOOP FOR REQUESTED---*
*---CONTROL NUMBER---*

```

```

DO WHILE FOUND()
CLEAR

```

```

SET FORMAT TO EPEDIS

```

```

*---POSITION FIELDS ON SCREEN---*

```

```

EDIT WHILE CONTNUM = MCONTNUM
CONTINUE
ENDDO

```

```

*---CLOSE FILES---*

```

```

CLOSE ALL

```

```

*OPEN FLIGHT DISCREPANCY DATABASE*

```

```

USE FLTDIS INDEX FLTDIS
GOTO TOP

```

```

*LOCATE REQUESTED CONTROL NUMBER*
*---IN DATABASE---*

```

```

LOCATE FOR CONTNUM = MCONTNUM

```

```

*---BEGIN LOOP FOR REQUESTED---*
*---CONTROL NUMBER---*

```

```

DO WHILE FOUND()
CLEAR
SET FORMAT TO FLTDIS

```

```

*---POSITION FIELDS ON SCREEN---*
*---TO EDIT---*

```

```

EDIT WHILE CONTNUM = MCONTNUM
CONTINUE
ENDDO

```

```

*---CLOSE FILES---*

```

```

CLOSE ALL
ENDCASE

```

```

*---OPEN FORM8 DATABASE AND---*
*---INDEX---*

```

```

USE FORM8 INDEX FORM8
GOTO TOP
CLEAR

```

```

*--LOCATE FOR REQUESTED CONTROL--*
*-----NUMBER-----*

```

```

*-OPEN EPE DISCREPANCY DATABASE-*

```

```

SET FORMAT TO SEC456.FMT

```

```

*----EDIT ONLY THE NEXT RECORD----*

```

```

EDIT NEXT 1
ENDCASE

```

```

*----CLOSE ALL DATABASES----*

```

```

CLOSE DATABASES

```

```

*----RESET CHOICE EQUAL TO ZERO----*

```

```

CHOICE = 0

```

```

*----RETURN TO MAIN MENU----*

```

```

RETURN

```

```

*****
*ACTION CHANGE PROCEDURE*
*****

```

```

*-OPEN ACTION DATABASE AND INDEX-*

```

```

CLEAR
USE ACTION INDEX ACTION
GOTO TOP
*-LIST TO SCREEN STATUS, CONTROL-*
*-NUMBER, TITLE AND ORIGINATOR-*
? " STATUS CONTROL # SUBJECT;
ORIGINATOR"
DISPLAY ALL STATUS," ", CONTNUM,;
TITLE, ORIGIN OFF

```

```

*----INITIALIZE MEMORY VARIABLE----*

```

```

STORE " " TO MCONTNUM
?
?

```

```

*-ENTER MEMORY VARIABLE AT-*
*-SCREEN PROMPT-*

```

```

ACCEPT "ENTER ACTION ITEM NUMBER TO;
CHANGE: " TO MCONTNUM

```

```

*---CHECK ENTER FOR BLANK FIELD---*

```

```

IF " " = '&MCONTNUM'
CLOSE DATABASES
RETURN
ELSE

```

```

*---SET SCREEN FORMAT FOR---*

```

```

*---ACTION ITEM CHANGES---*

```

```

SET FORMAT TO ACTION.FMT
*---LOCATE REQUESTED ACTION ITEM---*
LOCATE FOR CONTNUM = '&MCONTNUM'
*---EDIT ONLY NEXT RECORD---*
EDIT NEXT 1
*---CLOSE OPEN DATABASES---*
CLOSE DATABASES
*---RESET CHOICE EQUAL TO ZERO---*

```

```

LOCATE FOR CONTNUM = MCONTNUM
*---SET SCREEN FORMAT REMAINDER---*
*---OF AF FORM 8---*
*****
*SUPEVAL CHANGE PROCEDURE*
*****

*OPEN SUPPLEMENTARY EVALUATION*
*--DATABASE AND INDEX--*
CLEAR
USE SUPEVAL INDEX SUPEVAL
GOTO TOP
*---INITIALIZE MEMORY VARIABLE---*
STORE " " TO MAREA
*---LIST TO SCREEN STATUS, AREA,---*
*---DUE DATE, OPR---*

@ 1,1 SAY "STATUS          AREA;
DUE DATE          OPR"
?
DISPLAY ALL STATUS, AREA, DATEDUE;;
"          , OPR OFF
?
?

*ENTER MEMORY VARIABLE AT SCREEN*
*--PROMPT--*

ACCEPT "ENTER AREA NAME OF;
SUPPLEMENTARY EVALUATION TO EDIT;;
" TO MAREA

*---SET SCREEN FORMAT FOR---*
*--SUPPLEMENTARY EVALUATION--*
*---DATA CHANGES---*

SET FORMAT TO SUPEVAL

*---CHECK USER'S ENTRY---*

IF "" = '&MAREA'
CHOICE = 0
CLOSE DATABASES
RETURN
ELSE

*---LOCATE REQUESTED AREA---*

LOCATE FOR AREA = '&MAREA'

*---EDIT ONLY THE NEXT RECORD---*

EDIT NEXT 1

*---CLOSE OPEN DATABASES---*

CLOSE DATABASES

*---RESET CHOICE EQUAL TO ZERO---*

CHOICE = 0
ENDIF

*---RETURN TO MAIN MENU---*

RETURN

```

```

CHOICE = 0
*---RETURN TO MAIN MENU---*
RETURN
*****
*INDIVIDUAL VIEW PROCEDURE*
*****

*INITIALIZE MEMORY VARIABLES*

CLEAR
STORE 0 TO MREC
CLEAR

*ENTER MEMORY VARIABLES AT SCREEN*

DO WHILE .NOT. EOF() .AND. MREC = 0
DISPLAY NEXT 18 TRIM(LNAME)+";
"+TRIM(FNAME)+" "+TRIM(MI)+" "ACFT
@ 24, 5 SAY "ENTER RECORD NUMBER TO;
VIEW: " GET MREC
READ
CLEAR
ENDDO

*CHECK FOR EMPTY MEMORY VARIABLE*

IF MREC = 0
CHOICE = 0
CLOSE DATABASES
RETURN
ELSE
ENDIF

*LOCATE THE REQUESTED RECORD*

GOTO MREC
CLEAR

*DO THE FOLLOWING IF RECORD FOUND*
*POSITIONS FIELDS ON THE SCREEN*

@ 1, 12 SAY "PERSONAL DATA;
GROUND PHASE REQUISITES"
@ 3, 0 SAY "LAST NAME;;
FIRST MI. TYPE;
DATE SCORE"
@ 4, 0 GET INDIV->LNAME
@ 4, 19 GET INDIV->FNAME
@ 4, 32 GET INDIV->MI
@ 5, 0 SAY "ORGANIZATION"
@ 6, 0 GET INDIV->ORGAN
@ 7, 0 SAY "LOCATION EPE"
@ 8, 0 GET INDIV->LOCAT
@ 9, 0 SAY "RANK SSAN;
ACFT TYPE"
@ 10, 0 GET INDIV->RANK
@ 10, 10 GET INDIV->SSAN
@ 10, 22 GET INDIV->ACFT
@ 11, 0 SAY "CREW POSITION"
@ 12, 0 GET INDIV->POSITION
@ 4, 42 SAY "OPEN BOOK"
@ 4, 57 GET INDIV->OPENBOOK
@ 4, 67 GET INDIV->SCORE1
@ 5, 42 SAY "CLOSED BOOK"
@ 5, 57 GET INDIV->CLOSEDBOOK
@ 5, 67 GET INDIV->SCORE2
@ 6, 42 SAY "INSTRUMENT"

```

```

@ 6, 57 GET INDIV->INSTRUMENT
@ 7, 57 GET INDIV->IEPE
@ 7, 67 GET INDIV->SCORE4
@ 8, 42 SAY "CAPS/BOLD FACE"
@ 8, 57 GET INDIV->CAPS
@ 8, 67 GET INDIV->SCORE5
@ 9, 42 SAY "TACTICAL"
@ 9, 57 GET INDIV->TACTEST
@ 9, 67 GET INDIV->SCORE6
@ 10, 42 SAY "TAC EPE"
@ 10, 57 GET INDIV->TEPE
@ 10, 67 GET SCORE7
@ 12, 49 SAY "FLIGHT EVALUATIONS"
@ 14, 25 SAY "TYPE;
EXPIRATION ZONE"
@ 15, 25 SAY "INST/QUAL"
SET COLOR TO N/W
IF DTOC(EXPIRE1) <> (" / / ")
@ 15, 45 SAY LEFT(CMONTH(EXPIRE1);
,3)+ " " +RIGHT(STR(YEAR(EXPIRE1),4);
,2)+ " "
ELSE
@ 15,45 SAY " "
ENDIF
SET COLOR TO W+/B
@ 15, 55 GET INDIV->ZONE1
@ 16, 25 SAY "TACTICAL"
SET COLOR TO N/W
IF DTOC(EXPIRE2) <> (" / / ")
@ 16, 45 SAY
LEFT(CMONTH(EXPIRE2),3)+";
"+RIGHT(STR(YEAR(EXPIRE2),4),2)+ " "
ELSE
@ 16, 45 SAY " "
ENDIF
SET COLOR TO W+/B
@ 16, 55 GET INDIV->ZONE2
@ 17, 25 SAY "MISSION"
SET COLOR TO N/W
IF DTOC(EXPIRE3) <> (" / / ")
@ 17, 45 SAY
LEFT(CMONTH(EXPIRE3),3)+";
"+RIGHT(STR(YEAR(EXPIRE3),4),2)+ " "
ELSE
@ 17, 45 SAY " "
ENDIF
SET COLOR TO W+/B
@ 17, 55 GET INDIV->ZONE3
@ 18, 25 SAY "TAC/QUAL"
SET COLOR TO N/W
IF DTOC(EXPIRE4) <> (" / / ")
@ 18, 45 SAY
LEFT(CMONTH(EXPIRE4),3)+";
"+RIGHT(STR(YEAR(EXPIRE4),4),2)+ " "
ELSE
@ 18, 45 SAY " "
ENDIF
SET COLOR TO W+/B
@ 18, 55 GET INDIV->ZONE4
@ 19, 25 SAY "QUALIFICATION"
SET COLOR TO N/W
IF DTOC(EXPIRE5) <> (" / / ")
@ 19, 45 SAY
LEFT(CMONTH(EXPIRE5),3)+";
"+RIGHT(STR(YEAR(EXPIRE5),4),2)+ " "
ELSE
@ 19, 45 SAY " "
ENDIF

```

```

SET COLOR TO W+/B
@ 19, 55 GET INDIV->ZONE5
@ 20, 25 SAY "INSTRUCTOR"
SET COLOR TO N/W
IF DTOC(EXPIRE6) <> (" / / ")
@ 20, 45 SAY
LEFT(CMONTH(EXPIRE6),3)+";
"+RIGHT(STR(YEAR(EXPIRE6),4),2)+ " "
ELSE
@ 20, 45 SAY " "
ENDIF
SET COLOR TO W+/B
@ 20, 55 GET INDIV->ZONE6
@ 21, 25 SAY "RIGHT/REAR LANDING"
SET COLOR TO N/W
IF DTOC(REARLAND) <> (" / / ")
@ 21, 45 SAY LEFT(CMONTH(REARLAND);
,3)+ " " +RIGHT(STR(YEAR(REARLAND),4);
,2)+ " "
ELSE
@ 21, 45 SAY " "
ENDIF
SET COLOR TO W+/B
*----CLEARS TO PREVENT EDITING----*

CLEAR GETS

*INTERUPTS PROGRAM UNTIL KEY*
*--IS PRESSED--*

?
?
WAIT "PRESS ANY KEY TO CONTINUE"

*REINITIALIZE CHOICE TO ZERO*

CHOICE = 0

*----CLOSE ALL DATABASES----*

CLOSE DATABASES

*----RETURN TO MAIN MENU----*

RETURN

```

```

*****
*AF FORM 8 VIEW PROCEDURE*
*****

*DECLARE VARIABLES OPEN TO ALL*
*--DATABASES--*

PUBLIC MEXP, MCONTNUM, MCOUNT,;
TEST, MZONE
CLEAR
SET TALK OFF
*----OPEN APPROPRIATE DATABASES----*

SELECT 1
USE FORM8 INDEX FORM8
SELECT 2
USE FLTDIS INDEX FLTDIS
SELECT 3
USE EPEDIS INDEX EPEDIS
SELECT 4
USE TYPE EVA
STORE 0 TO MZONE
STORE 0 TO MCONTNUM
MZONE = MZONE
SELECT 1

*LIST TO SCREEN CURRENT FORMS 8*

@ 1,1 SAY "CONT # NAME;
TYPE EVALUATION DATE"
?
GOTO TOP
DO WHILE .NOT. EOF() .AND.;
MCONTNUM = 0
DISPLAY NEXT 18 CONTNUM, TRIM;
(LNAME) + " " + LEFT(FNAME,1),;
FLT1, COMDATE OFF
@ 24, 5 SAY "ENTER CONTROL NUMBER;
OF FORM 8 TO VIEW: " GET MCONTNUM
READ
CLEAR
ENDDO

*ENTER MEMORY VARIABLE AT SCREEN*
*--PROMPT--*

*INITIALIZE MEMORY VARIABLES*

STORE 96 TO MCOUNT
STORE 0 TO TEST
STORE " " TO MTYPEFLT
STORE CTOD(" / / ") TO MEXP

*CHECK FOR EMPTY MEMORY VARIABLE*

IF 0 = MCONTNUM
CHOICE = 0
CLOSE DATABASES
RETURN
ENDIF
ELSE
ENDIF

*----LOCATE REQUESTED FORM 8----*

LOCATE FOR CONTNUM = MCONTNUM
CLEAR

```

```

*----POSITION FIELDS ON SCREEN----*

@ 0, 0 SAY "CONTROL NUMBER;
STATUS
DATE COMPLETED"
@ 1, 0 GET CONTNUM
@ 1, 30 GET STATUS
SET COLOR TO N/W

*IF COMPLETE DATE NOT BLANK* *-
TRANSFORM TO PROPER FORMAT AND-*
*--DISPLAY--*

IF DTOC(COMDATE) <> (" / / ")
@ 1, 65 SAY STR(DAY(COMDATE),3);
+ " " + LEFT(CMONTH(COMDATE),3);
+ " " + RIGHT(STR(YEAR(COMDATE),4),2)
ELSE
@ 1, 65 SAY " "
ENDIF
SET COLOR TO W+/B
@ 3, 0 SAY "LAST NAME FIRST;
MI. RANK;
SSAN"
SET COLOR TO N/W

@ 4, 0 SAY TRIM(LNAME)+";
+TRIM(FNAME)+ " +TRIM(RANK)+ "

SET COLOR TO W+/B
@ 4, 41 GET RANK
@ 4, 61 GET SSAN
@ 6, 0 SAY "ORGANIZATION/LOCATION;
ACFT/CREW POSITION
ELIGIBILITY PERIOD"
@ 7, 0 GET ORGAN
@ 7, 39 GET ACFT
@ 7, 61 GET ELIGPER
@ 8, 0 GET LOCAT
@ 8, 39 GET POSITION
@ 10, 14 SAY "GROUND PHASE;
FLIGHT PHASE"
@ 11, 5 SAY "TYPE DATE;
SCORE TYPE
DATE"
@ 13, 0 GET TEST1
SET COLOR TO N/W

*TRANSFORM DATES TO PROPER FORMAT*
*--AND DISPLAY--*

IF DTOC(TDATE1) <> (" / / ")
@ 13, 17 SAY STR(DAY(TDATE1),3)+;
+ " " + LEFT(CMONTH(TDATE1),3);
+ " " + RIGHT(STR(YEAR(TDATE1),4),2)
ELSE
@ 13, 17 SAY " "
ENDIF
SET COLOR TO W+/B
@ 13, 28 GET SCORE1
@ 13, 41 GET FLT1
MTYPEFLT = FLT1
SET COLOR TO N/W
IF DTOC(TDATE1) <> (" / / ")
@ 13, 62 SAY STR(DAY(TDATE1),3) +;
+ " " + LEFT(CMONTH(TDATE1),3);
+ " " + RIGHT(STR(YEAR(TDATE1),4),2)

```

```

ELSE
  0 13, 62 SAY "
ENDIF
SET COLOR TO W+/B
0 14, 0 GET TEST2
SET COLOR TO N/W
IF DTOC(TDATE2) <> (" / / ")
  0 14, 17 SAY STR(DAY(TDATE2),3)+;
  " " + LEFT(CMONTH(TDATE2),3);
  + " " + RIGHT(STR(YEAR(TDATE2),4),2)
ELSE
  0 14, 17 SAY "
ENDIF
SET COLOR TO W+/B
0 14, 28 GET SCORE2
0 14, 41 GET FLT2
SET COLOR TO N/W
IF DTOC(TDATE2) <> (" / / ")
  0 14, 62 SAY STR(DAY(TDATE2),3) +;
  " " + LEFT(CMONTH(TDATE2),3);
  + " " + RIGHT(STR(YEAR(TDATE2),4),2)
ELSE
  0 14, 62 SAY "
ENDIF
SET COLOR TO W+/B
0 15, 0 GET TEST3
SET COLOR TO N/W
IF DTOC(TDATE3) <> (" / / ")
  0 15, 17 SAY STR(DAY(TDATE3),3)+;
  " " + LEFT(CMONTH(TDATE3),3);
  + " " + RIGHT(STR(YEAR(TDATE3),4),2)
ELSE
  0 15, 17 SAY "
ENDIF
SET COLOR TO W+/B
0 15, 28 GET SCORE3
0 15, 41 GET FLT3
SET COLOR TO N/W
IF DTOC(TDATE3) <> (" / / ")
  0 15, 62 SAY STR(DAY(TDATE3),3) +;
  " " + LEFT(CMONTH(TDATE3),3);
  + " " + RIGHT(STR(YEAR(TDATE3),4),2)
ELSE
  0 15, 62 SAY "
ENDIF
SET COLOR TO W+/B
0 16, 0 GET TEST4
SET COLOR TO N/W
IF DTOC(TDATE4) <> (" / / ")
  0 16, 17 SAY STR(DAY(TDATE4),3)+;
  " " + LEFT(CMONTH(TDATE4),3);
  + " " + RIGHT(STR(YEAR(TDATE4),4),2)
ELSE
  0 16, 17 SAY "
ENDIF
SET COLOR TO W+/B
0 16, 28 GET SCORE4
0 16, 41 GET FLT4
SET COLOR TO N/W
IF DTOC(TDATE4) <> (" / / ")
  0 16, 62 SAY STR(DAY(TDATE4),3) +;
  " " + LEFT(CMONTH(TDATE4),3);
  + " " + RIGHT(STR(YEAR(TDATE4),4),2)
ELSE
  0 16, 62 SAY "
ENDIF
SET COLOR TO W+/B
0 17, 0 GET TEST5

```

```

SET COLOR TO N/W
IF DTOC(TDATE5) <> (" / / ")
  0 17, 17 SAY STR(DAY(TDATE5),3)+;
  " " + LEFT(CMONTH(TDATE5),3);
  + " " + RIGHT(STR(YEAR(TDATE5),4),2)
ELSE
  0 17, 17 SAY "
ENDIF
SET COLOR TO W+/B
0 17, 28 GET SCORE5
0 17, 41 GET FLT5
SET COLOR TO N/W
IF DTOC(TDATE5) <> (" / / ")
  0 17, 62 SAY STR(DAY(TDATE5),3) +;
  " " + LEFT(CMONTH(TDATE5),3);
  + " " + RIGHT(STR(YEAR(TDATE5),4),2)
ELSE
  0 17, 62 SAY "
ENDIF
SET COLOR TO W+/B
0 18, 30 SAY "RESTRICTION;
ADDITIONAL TRAINING DUE DATES"
0 20, 30 SAY "YES NO"
0 21, 31 GET RESTY
0 21, 39 GET RESTN
SET COLOR TO N/W

*DO APPROPRIATE STEPS DEPENDING*
*--ON ADDITIONAL TRAINING--*
*---REQUIREMENTS---*

DO CASE
CASE DTOC(ADDTRN1) <> (" / / ")
  AND. DTOC(ADDTRN2) <> (" / / ")
  0 20, 55 SAY "EPE:"
  0 20, 60 SAY
  STR(DAY(ADDTRN1),3) + " " + LEFT;
  (CMONTH(ADDTRN1),3) + " " +;
  RIGHT(STR(YEAR(ADDTRN1),4),2)
  0 21, 55 SAY "FLT:"
  0 21, 60 SAY STR(DAY(ADDTRN2),3);
  + " " + LEFT(CMONTH(ADDTRN2),3) +;
  " " + RIGHT(STR(YEAR(ADDTRN2),4),2)
CASE DTOC(ADDTRN1) <> (" / / ")
  OR. DTOC(ADDTRN2) <> (" / / ")
DO CASE
CASE DTOC(ADDTRN1) <> (" / / ")
  0 20, 55 SAY "EPE:"
  0 20, 60 SAY STR(DAY(ADDTRN1),3);
  + " " + LEFT(CMONTH(ADDTRN1),3) +;
  " " + RIGHT(STR(YEAR(ADDTRN1),4),2)
CASE DTOC(ADDTRN2) <> (" / / ")
  0 20, 55 SAY "FLT:"
  0 20, 60 SAY STR(DAY(ADDTRN2),3);
  + " " + LEFT(CMONTH(ADDTRN2),3) +;
  " " + RIGHT(STR(YEAR(ADDTRN2),4),2)
ENDCASE
ENDCASE
SET COLOR TO W+/B
IF DTOC(ADDTRN1) = (" / / ")
  AND. DTOC(ADDTRN2) = (" / / ")
SET COLOR TO N/W
0 20, 62 SAY "N/A"
SET COLOR TO W+/B
ENDIF
SET COLOR TO W+/B
0 22, 8 SAY "EXPIRATION DATE;"

```

ADDITIONAL TRAINING COMPLETE DATES"
 @ 23, 8 GET EXP1

ENTER APPROPRIATE FORMAT BASED
 ---ON ADDITIONAL TRAINING---
 ---REQUIREMENTS---

```
DO CASE
CASE DTOC(ADDTRN1) <> (" / / ");
AND. DTOC(ADDTRN2) <> (" / / ");
@ 23, 40 SAY "EPE:"
@ 23, 45 GET ADDCOMP1
@ 23, 54 SAY "FLT:"
@ 23, 59 GET ADDCOMP2
CASE DTOC(ADDTRN1) <> (" / / ");
OR. DTOC(ADDTRN2) <> (" / / ");
SET COLOR TO M/W
DO CASE
CASE DTOC(ADDTRN1) <> (" / / ")
IF DTOC(ADDCOMP1) <> (" / / ")
@ 23, 50 SAY "EPE:"
@ 23, 60 SAY STR(DAY(ADDCOMP1),3);
+ " " + LEFT(CMONTH(ADDCOMP1),3) +;
" " + RIGHT(STR(YEAR(ADDCOMP1),4),2)
ELSE
@ 23, 50 SAY "EPE:"
ENDIF
CASE DTOC(ADDTRN2) <> (" / / ")
IF DTOC(ADDCOMP2) <> (" / / ")
@ 23, 50 SAY "FLT:"
@ 23, 60 SAY STR(DAY(ADDCOMP2),3);
+ " " + LEFT(CMONTH(ADDCOMP2),3) +;
" " + RIGHT(STR(YEAR(ADDCOMP2),4),2)
ELSE
@ 23, 50 SAY "FLT:"
ENDIF
ENDCASE
ENDCASE
SET COLOR TO M+/B
IF DTOC(ADDTRN1) = (" / / ")
AND. DTOC(ADDTRN2) = (" / / ")
SET COLOR TO M/W
@ 23, 62 SAY "M/A"
SET COLOR TO M+/B
ELSE
ENDIF
CLEAR GETS
WAIT "PRESS ANY KEY TO CONTINUE"
CLEAR
```

POSITION FIELDS ON THE SCREEN

```
@ 1, 0 SAY "COMMENTS: "
@ 2, 5 GET COMMENTS
? COMMENT1
@ 6, 0 SAY "FLIGHT EXAMINER;
ORGANIZATION"
@ 7, 0 GET RANK1
@ 8, 0 GET EXAMINER
@ 8, 35 GET ORGAN1
@ 9, 0 SAY "REVIEWING OFFICER"
@ 10, 0 GET RANK2
@ 11, 0 GET REVIEWER
@ 11, 35 GET ORGAN2
@ 12, 0 SAY "APPROVING OFFICER"
@ 13, 0 GET RANK3
@ 14, 0 GET APPROVER
@ 15, 35 GET ORGAN3
CLEAR GETS
```

```
WAIT "PRESS ANY KEY TO CONTINUE"
CLEAR
@ 1,2 SAY "IV. Examiner's Remarks:"
?
? EXAMREM
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
```

```
CLEAR
SELECT 3
```

CHECK FOR DISCREPANCIES IF *--
 FOUND DISPLAY ON SCREEN--*

```
STORE 0 TO MNUM
GOTO TOP
LOCATE FOR CONTNUM = MCONTNUM
DO WHILE FOUND()
MNUM = MNUM + 1
TEST = 1
CONTINUE
ENDDO
SELECT 2
STORE 0 TO MNUM2
GOTO TOP
LOCATE FOR CONTNUM = MCONTNUM
DO WHILE FOUND()
MNUM2 = MNUM2 + 1
TEST = 1
CONTINUE
ENDDO
DO CASE
CASE TEST = 0
? " B. DISCREPANCIES. NONE."
?
?
WAIT
CASE TEST = 1
SELECT 3
MNCOUNT = 96
LOCATE FOR CONTNUM = MCONTNUM
? " B. Discrepancies."
?
IF MNUM = 1
? " 1. EPE. AREA;
"+LTRIM(STR(AREA)+RTRIM(SUBAREA))+".;
"+TRIM(AREANAME)+" "+TRIM(GRADE)+;
"
? DISCREP
ELSE
IF MNUM > 1
GOTO TOP
LOCATE FOR CONTNUM = MCONTNUM
? " 1. EPE."
DO WHILE FOUND()
MNCOUNT = MNCOUNT + 1
? " (" + CHR(MNCOUNT)+") " + "Area;
"+LTRIM(STR(AREA)+RTRIM(SUBAREA))+".;
"+TRIM(AREANAME)+" "+TRIM(GRADE)+". "
? DISCREP
CONTINUE
ENDDO
ELSE
? " 1. EPE. NONE."
ENDIF
ENDIF
```

```

?
?
WAIT
SELECT 2
MCOUNT = 96
CLEAR
LOCATE FOR CONTNUM = MCONTNUM
IF MNUM2 = 1
? "      2. Flight. AREA;
"+LTRIM(STR(AREA)+TRIM(SUBAREA))+".;
",TRIM(AREANAME)+" "+TRIM(GRADE)+;
"
? DISCREP
ELSE
IF MNUM2 > 1
GOTO TOP
LOCATE FOR CONTNUM = MCONTNUM
? "      2. Flight."
?
DO WHILE FOUND()
MCOUNT = MCOUNT + 1
? "      ("+ CHR(MCOUNT)+") "Area;
"+LTRIM(STR(AREA)+RTRIM(SUBAREA))+".;
",TRIM(AREANAME)+" "+TRIM(GRADE)+". "
? DISCREP
CONTINUE
ENDDO
ELSE
? "      2. Flight. NONE."
ENDIF
ENDIF
?
?
WAIT
ENDCASE
SELECT 1
CLEAR
@ 1,5 SAY "C. Recommended;
Additional Training."
?
? SEC456
?
WAIT "PRESS ANY KEY TO CONTINUE"

*REINITIALIZE CHOICE TO ZERO*

CHOICE = 0

*----CLOSE ALL DATABASES----*

CLOSE DATABASES

*----RETURN TO MAIN MENU----*

RETURN

```

```

*****
*AF FORM 847 PRINT PROCEDURE*
*****

CLEAR
SET TALK OFF

*OPEN THE APPROPRIATE DATABASE*
  *--AND INDEX--*

USE F847 INDEX F847

*INITIALIZE CHOICE EQUAL TO ZERO*

CHOICE = 0
CLEAR

*BEGIN LOOP FOR USER'S CHOICE*

DO WHILE CHOICE <> 2
  CLEAR
  TEXT

    1. VIEW A PARTICULAR FORM 847

    2. VIEW SUMMARY OF OPEN FORMS
  ENDTXT

  *ENTER CHOICE AT SCREEN PROMPT*

  @ 10, 10 SAY "ENTER CHOICE";
  GET CHOICE;
  PICTURE "9" RANGE 1,2
  READ

  *BEGIN EXECUTION OF USER'S CHOICE*

  DO CASE

  *IF USER REQUEST TO VIEW A*
    *--PARTICULAR FORM--*

  CASE CHOICE = 1
    GOTO TOP
  CLEAR

  *LIST TO SCREEN ALL CURRENT FORMS*

  DISPLAY ALL UNIT,NUMBER, PUB, TITLE;
  OFF
  WAIT " PRESS ANY KEY TO CONTINUE"
  CLEAR

  *ENTER FORM TO VIEW AT SCREEN*

  @ 10,15 SAY "ENTER FORM 847 CONTROL;
  NUMBER"
  ?
  ACCEPT "CONTROL NUMBER: ";
  TO MNUMBER
  CLEAR
  GOTO TOP

  *----FIND THE REQUESTED FORM----*

  FIND &MNUMBER
  *POSITION FIELDS ON THE SCREEN IN*
    *--FORM FORMAT--*

```

```

@ 1, 0 SAY "STATUS"
@ 1, 18 SAY "RECOMMENDATION FOR;
CHANGE OF PUBLICATION"
@ 2, 0 GET F847->STATUS;
PICTURE "01"
@ 3, 34 SAY "DATE"
@ 3, 39 GET F847->DATE
@ 3, 50 SAY "UNIT/NUMBER"
@ 3, 62 GET F847->UNIT;
PICTURE "01"
@ 3, 70 SAY "-"
@ 3, 71 GET F847->NUMBER
@ 5, 0 SAY "PUBLICATION NUMBER;
BASIC DATE REVISION/CHANGE;
DATE"
@ 6, 1 GET F847->PUB;
PICTURE "01"
@ 6, 24 GET F847->BASDATE
@ 6, 45 GET F847->REVDATE
@ 8, 0 SAY "PAGE NUMBER;
MAJOR PARAGRAPH TITLE"
@ 9, 1 GET F847->PAGE
@ 9, 17 GET F847->TITLE;
PICTURE "01"
@ 11, 0 SAY "SUB-PARAGRAPH TITLE;
ITEM NUMBER"
@ 12, 1 GET F847->SUBPAR;
PICTURE "01"
@ 12, 55 GET F847->ITEMNUM;
PICTURE "01"
@ 14, 1 GET F847->CHANGE;
PICTURE "01"
@ 14, 3 SAY "CHANGE"
@ 14, 12 GET F847->DELETE;
PICTURE "01"
@ 14, 14 SAY "DELETE SO MUCH;
OF"
@ 14, 39 GET F847->PAR;
PICTURE "01"
@ 14, 41 SAY "PARAGRAPH"
@ 14, 53 GET F847->ITEM;
PICTURE "01"
@ 14, 55 SAY "ITEM"
@ 14, 62 GET F847->FIG;
PICTURE "01"
@ 14, 64 SAY "FIGURE"
@ 16, 0 SAY "AS READS"
@ 16,11 SAY "Press 'PgDn To View ";
GET CURTEXT1
CLEAR GETS
?
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
CLEAR
@ 1, 0 SAY "TO READ"
@ 2, 11 GET F847->PROPTXT
@ 9, 0 SAY "AFTER PRESENT"
@ 11, 20 GET F847->SENT;
PICTURE "01"
@ 11, 22 SAY "SENTENCE"
@ 11, 37 GET F847->ITEM3;
PICTURE "01"
@ 11, 39 SAY "ITEM"
@ 13, 0 SAY "AS READS"
@ 15, 11 GET F847->CURTEXT2
@ 22, 0 SAY "ADD NEW"
@ 22, 13 GET F847->PAR2;

```

```

0 22, 14 SAY "
0 22, 15 SAY "PARAGRAPH"
0 22, 28 GET F847->SENT2;
PICTURE "01"
0 22, 30 SAY "SENTENCE"
0 22, 42 GET F847->ITEM4;
PICTURE "01"
0 22, 44 SAY "ITEM"
0 22, 53 GET F847->FIG2;
PICTURE "01"
0 22, 55 SAY "FIGURE"
CLEAR GETS
WAIT "PRESS ANY KEY TO CONTINUE"
CLEAR
0 1, 0 SAY "TO READ"
0 2, 11 GET F847->CURTEXT3
0 9, 0 SAY "REASON"
0 11, 11 GET F847->REASON
0 22, 0 SAY "ORGANIZATION"
0 22, 14 GET F847->ORGAN;
PICTURE "01"
0 24, 0 SAY "NAME/GRADE OF;
ORIGINATOR"
0 24, 27 GET F847->NAME;
PICTURE "01"
CLEAR GETS
WAIT "PRESS ANY KEY TO CONTINUE"
CLEAR
0 2, 21 SAY "(REVERSE SIDE OF AF;
FORM 847)"
0 4, 24 SAY "1ST INDORSEMENT"
0 5, 0 SAY "TO"
0 5, 4 GET F847->T01;
PICTURE "01"
0 5, 32 SAY "FROM"
0 5, 39 GET F847->FROM1;
PICTURE "01"
0 7, 4 GET F847->CONCUR1;
PICTURE "01"
0 7, 6 SAY "CONCUR"
0 7, 39 GET F847->NOCONCUR1;
PICTURE "01"
0 7, 41 SAY "DO NOT CONCUR"
0 9, 0 SAY "REMARKS"
0 9, 11 GET F847->REMARKS1
0 13, 0 SAY "DATE"
0 13, 6 GET F847->DATE2
0 13, 17 SAY "NAME/GRADE/TITLE"
0 13, 35 GET F847->NAME2;
PICTURE "01"
CLEAR GETS
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
CLEAR
0 4, 24 SAY "2ND INDORSEMENT"
0 5, 1 SAY "TO"
0 5, 5 GET F847->T02;
PICTURE "01"
0 5, 33 SAY "FROM"
0 5, 39 GET F847->FROM2;
PICTURE "01"
0 7, 5 GET F847->CONCUR2;
PICTURE "01"
0 7, 7 SAY "CONCUR"
0 7, 39 GET F847->NOCONCUR2;
PICTURE "01"
0 7, 41 SAY "DO NOT CONCUR"

```

```

0 9, 0 SAY "REMARKS"
0 9, 11 GET F847->REMARKS2
0 13, 0 SAY "DATE"
0 13, 6 GET F847->DATE3
0 13, 17 SAY "NAME/GRADE/TITLE"
0 13, 35 GET F847->NAME3;
PICTURE "01"
CLEAR GETS
?
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
CLEAR
0 4, 24 SAY "3RD INDORSEMENT"
0 5, 1 SAY "TO"
0 5, 5 GET F847->T03;
PICTURE "01"
0 5, 33 SAY "FROM"
0 5, 39 GET F847->FROM3;
PICTURE "01"
0 7, 5 GET F847->CONCUR3;
PICTURE "01"
0 7, 7 SAY "CONCUR"
0 7, 39 GET F847->NOCONCUR3;
PICTURE "01"
0 7, 41 SAY "DO NOT CONCUR"
0 9, 0 SAY "REMARKS"
0 9, 11 GET F847->REMARKS3
0 13, 1 SAY "DATE"
0 13, 7 GET F847->DATE4
0 13, 19 SAY "NAME/GRADE/TITLE"
0 13, 37 GET F847->NAME4;
PICTURE "01"
CLEAR GETS
?
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
CLEAR
0 4, 24 SAY "4TH INDORSEMENT"
0 5, 2 SAY "TO"
0 5, 6 GET F847->T04;
PICTURE "01"
0 5, 34 SAY "FROM"
0 5, 40 GET F847->FROM4;
PICTURE "01"
0 7, 6 GET F847->CONCUR4;
PICTURE "01"
0 7, 8 SAY "CONCUR"
0 7, 40 GET F847->NOCONCUR4;
PICTURE "01"
0 7, 42 SAY "DO NOT CONCUR"
0 9, 2 SAY "REMARKS"
0 9, 11 GET F847->REMARKS4
0 13, 1 SAY "DATE"
0 13, 7 GET F847->DATE5
0 13, 19 SAY "NAME/GRADE/TITLE"
0 13, 37 GET F847->NAME5;
PICTURE "01"
CLEAR GETS
?
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
CHOICE = 0
CASE CHOICE = 2
*LIST TO SCREEN CONTROL NUMBER,*

```

--TITLE, AND DATE OF ALL OPEN--
---FORMS---

CLEAR
DISPLAY NUMBER, TITLE, DATE FOR;
TRIM(STATUS) = "OPEN"
WAIT "PRESS ANY KEY TO CONTINUE"

RESET CHOICE EQUAL TO ZERO

ENDCASE

CHOICE = 0

----CLOSE OPEN DATABASES-----

CLOSE DATABASES

----RETURN TO MAIN MENU-----

RETURN

 FCIF VIEW PROCEDURE

INITIALIZE MEMORY VARIABLES

```
CLEAR
SET EXACT ON
SET TALK OFF
SET HEADING OFF
PUBLIC MPUBNUM, MCOUNT, MTYPE2,;
MNUM, MNUM2
SELECT 1
STORE " " TO MPUBNUM
STORE " " TO MTYPE
STORE 0 TO MCOUNT
STORE " " TO MRESPON
STORE 0 TO MNUM
STORE 0 TO MNUM2
STORE " " TO MTYPE2
STORE " " TO MVOLUMN
CHOICE = 0
CLEAR
```

----SCREEN MENU----

TEXT

1. VIEW PUBLICATIONS
2. VIEW READ FILE

```
ENDTEXT
@ 23, 25 SAY "ENTER CHOICE";
GET CHOICE;
PICTURE "9" RANGE 1,2
READ
DO CASE
CASE CHOICE = 1
SELECT 1
USE FCIF INDEX FCIF
GOTO TOP
CLEAR
@ 10,5 SAY "REVIEW A PARTICULAR;
REGULATION OR VOLUME INDEX? "
@ 12,5 SAY "ENTER (R) FOR;
REGULATION OR (Vol) i.e. IIA FOR;
VOLUME INDEX: " GET MRESPON;
PICTURE "01"
READ
CLEAR
?
IF MRESPON = "R"
USE FCIF INDEX FCIF
@ 10,5 SAY "ENTER REGULATION TO;
VIEW i.e. AFR 60-1, TACR 60-2: ";
GET MTYPE2;
PICTURE "01"
@ 10, 64 SAY " " GET MNUM;
PICTURE "####"
@ 10, 71 SAY " " GET MNUM2;
PICTURE "####"
READ
CLEAR
SELECT 1
@ 1, 1 SAY " " STATUS;
PUBLICATION DATE"
?
```

```
LOCATE FOR TYPE = MTYPE2 .AND. NUM;
= MNUM .AND. NUM2 = MNUM2 .AND.;
MVOLUMN = VOLUMN
MTYPE2 = TYPE
MNUM = STR(NUM)
MNUM2 = STR(NUM2)
MVOLUMN = VOLUMN
MPUBNUM = TRIM('&MTYPE2') + " " +;
LTRIM('&MNUM') + " " +;
LTRIM('&MNUM2') + " " +;
TRIM('&MVOLUMN')
```

```
DO WHILE FOUND()
?
? " " STATUS, ";
? "&MPUBNUM" " " STR(DAY(DATE),3) + " " +;
STR(DAY(DATE),3) + " " +;
LEFT(CMONTH(DATE),3) + " " +;
RIGHT(STR(YEAR(DATE),4),2)
SELECT 2
USE FCIF2
LOCATE FOR PUBNUM = '&MPUBNUM'
DO WHILE FOUND()
? " " STATUS, ";
? " SUP, " " STR(DAY(DATE),3) +;
" " + LEFT(CMONTH(DATE),3) + " " +;
RIGHT(STR(YEAR(DATE),4),2)
CONTINUE
ENDDO
SELECT 3
USE FCIF3
LOCATE FOR PUBNUM = '&MPUBNUM'
DO WHILE FOUND()
? " " STATUS, ";
? " CHANGE, " " STR(DAY(DATE),3) +;
" " + LEFT(CMONTH(DATE),3) + " " +;
RIGHT(STR(YEAR(DATE),4),2)
CONTINUE
ENDDO
SELECT 4
USE FCIF4
LOCATE FOR PUBNUM = '&MPUBNUM'
DO WHILE FOUND()
? " " STATUS, ";
? " IMC, " " STR(DAY(DATE),3);
" " + LEFT(CMONTH(DATE),3) + " " +;
+ RIGHT(STR(YEAR(DATE),4),2)
CONTINUE
ENDDO
SELECT 1
?
?
? " QUANTITY ORDERED;
DISTRIBUTION" "QUANT, ";
? "DIST
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
ELSE
DO CASE
CASE LEFT('&MRESPON',2) = "II"; .OR.
LEFT('&MRESPON',2) = "VI"
USE FCIF INDEX FCIF
ERASE TEMP.DBF
SORT TO TEMP ON TYPE/A, NUM/A.;
NUM2/A, VOLUMN/A
USE TEMP
```

```

CLEAR
GOTO TOP
@ 1, 1 SAY "STATUS PUBLICATION;
TITLE DATE"
MOUNT = MOUNT + 1
STORE " " TO MTYPE
STORE " " TO MNUM
STORE " " TO MNUM2
STORE " " TO MVOLUME
LOCATE FOR VOL = TRIM('&MRESPON')
DO WHILE FOUND()
  MTYPE = TYPE
  MNUM = STR(MNUM)
  MNUM2 = STR(MNUM2)
  MVOLUME = VOLUME
  IF MOUNT < 18
    MOUNT = MOUNT + 2
    MPUBNUM = TRIM('&MTYPE') + " " +;
    LTRIM('&MNUM') + " " +;
    LTRIM('&MNUM2') + " " +;
    TRIM('&MVOLUME')
  ?
  @ MOUNT, 3 SAY STATUS
  @ MOUNT, 9 SAY MPUBNUM
  @ MOUNT, 25 SAY TITLE
  @ MOUNT, 62 SAY STR(DAY(DATE),3);
  + " " + LEFT(CMONTH(DATE),3) + " " +;
  + RIGHT(STR(YEAR(DATE),4),2)
  SELECT 2
  USE FCIF2
  LOCATE FOR PUBNUM = '&MPUBNUM'
  DO WHILE FOUND()
    MOUNT = MOUNT + 1
    ? " ", STATUS, " ", SUP, ";
    ", STR(DAY(DATE),3) + " " +;
    LEFT(CMONTH(DATE),3) + " " +;
    RIGHT(STR(YEAR(DATE),4),2)
    CONTINUE
  ENDDO
  SELECT 3
  USE FCIF3
  LOCATE FOR PUBNUM = '&MPUBNUM'
  DO WHILE FOUND()
    MOUNT = MOUNT + 1
    ? " ", STATUS, " ", CHANGE, ";
    ", STR(DAY(DATE),3) + " " +;
    LEFT(CMONTH(DATE),3) + " " +;
    RIGHT(STR(YEAR(DATE),4),2)
    CONTINUE
  ENDDO
  SELECT 4
  USE FCIF4
  LOCATE FOR PUBNUM = '&MPUBNUM'
  DO WHILE FOUND()
    MOUNT = MOUNT + 1
    ? " ", STATUS, " ", IMC, ";
    ", STR(DAY(DATE),3) + " " +;
    LEFT(CMONTH(DATE),3) + " " +;
    RIGHT(STR(YEAR(DATE),4),2)
    CONTINUE
  ENDDO
  SELECT 1
  IF MOUNT < 18
    CONTINUE
  ENDDO
  ELSE
    MOUNT = 1
  ?

```

```

?
WAIT "PRESS ANY KEY TO CONTINUE"
CLEAR
@ 1, 1 SAY "STATUS PUBLICATION;
TITLE DATE"
?
CONTINUE
ENDDO
WAIT "PRESS ANY KEY TO CONTINUE"
ENDIF
ENDIF
?
?
CASE LEFT('&MRESPON',2) = "IV";
.OR. LEFT('&MRESPON',1) = "V"
SELECT 1
USE TECHORD INDEX TECHORD
REINDEX
CLEAR
GOTO TOP
@ 1, 1 SAY "STATUS PUBLICATION;
TITLE DATE"
MOUNT = MOUNT + 1
LOCATE FOR VOL = TRIM('&MRESPON')
DO WHILE FOUND()
  STORE " " TO MPUBNUM
  STORE " " TO MPUB2
  STORE " " TO MPUB3
  STORE " " TO MPUB4
  STORE " " TO MPUB5
  MPUBNUM = PUBNUM
  MPUB2 = PUB2
  MPUB3 = PUB3
  MPUB4 = PUB4
  MPUB5 = PUB5
  IF MOUNT < 18
    MOUNT = MOUNT + 2
    MPUBNUM = TRIM('&MPUBNUM') +;
    TRIM('&MPUB2') + TRIM('&MPUB3') +;
    TRIM('&MPUB4') + TRIM('&MPUB5')
  ?
  @ MOUNT, 3 SAY STATUS
  @ MOUNT, 9 SAY MPUBNUM
  @ MOUNT, 25 SAY TITLE
  @ MOUNT, 62 SAY STR(DAY(DATE),3);
  + " " + LEFT(CMONTH(DATE),3) + " " +;
  + RIGHT(STR(YEAR(DATE),4),2)
  SELECT 2
  USE FCIF2
  LOCATE FOR PUBNUM = '&MPUBNUM'
  DO WHILE FOUND()
    MOUNT = MOUNT + 1
    ? " ", STATUS, " ", SUP, ";
    STR(DAY(DATE),3) + " " +;
    LEFT(CMONTH(DATE),3) + " " +;
    RIGHT(STR(YEAR(DATE),4),2)
    CONTINUE
  ENDDO
  SELECT 3
  USE FCIF3
  LOCATE FOR PUBNUM = '&MPUBNUM'
  DO WHILE FOUND()
    MOUNT = MOUNT + 1
    ? " ", STATUS, " ", CHANGE, ";
    STR(DAY(DATE),3) + " " +;
    LEFT(CMONTH(DATE),3) + " " +;
    RIGHT(STR(YEAR(DATE),4),2)
    CONTINUE
  ENDDO

```

```

ENDDO
SELECT 4
USE FCIF4
LOCATE FOR PUBNUM = '&PUBNUM'
DO WHILE FOUND()
MCOUNT = MCOUNT + 1
? " ", STATUS, " ", IMC, " ";
STR(DAY(DATE),3) + " " + ;
LEFT(CMONTH(DATE),3) + " " + ;
RIGHT(STR(YEAR(DATE),4),2)
CONTINUE
ENDDO
SELECT 1
IF MCOUNT < 18
CONTINUE
ENDDO
ELSE
MCOUNT = 1
CONTINUE
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
CLEAR
@ 1, 1 SAY "STATUS PUBLICATION;
TITLE DATE"
?
ENDDO
ENDIF
ENDIF
?
?
ENDCASE
WAIT "PRESS ANY KEY TO CONTINUE"
CLOSE DATABASES
CLOSE ALL
CHOICE = 0
RETURN
CASE CHOICE = 2
USE FCIF5 INDEX FCIF5
SET HEADING OFF
CLEAR
MCOUNT = 1
LOCATE FOR .NOT. EOF()
? "CONT# SUBJECT;
ORIGINATOR"
?


---


DO WHILE FOUND()
IF MCOUNT <= 2
DISPLAY CONTNUM, SUBJECT,;
ORIGINATOR OFF
IF DTOC(ENTERED) = (" / / ")
? "ENTERED:"
ELSE
? "ENTERED: ",STR(DAY(ENTERED),;
3) + " " + LEFT(CMONTH(ENTERED),3);
+ " " + RIGHT(STR(YEAR(ENTERED),4),;
2)
ENDIF
IF DTOC(EXPIRES) = (" / / ")
? "EXPIRES:"
ELSE
? "EXPIRES: ",STR(DAY(EXPIRES),;
3) + " " + LEFT(CMONTH(EXPIRES),3);
+ " " + RIGHT(STR(YEAR(EXPIRES),4),;
2)
ENDIF
IF DTOC(REVIEW) = (" / / ")
? "REVIEW:"
ELSE
? "REVIEW: ",STR(DAY(REVIEW),3);
+ " " + LEFT(CMONTH(REVIEW),3);
+ " " + RIGHT(STR(YEAR(REVIEW),4),2)
ENDIF
IF DTOC(RESCIND) = (" / / ")
? "RESCINDED:"
ELSE
? "RESCINDED: ",STR(DAY(RESCIND),;
3) + " " + LEFT(CMONTH(RESCIND),3);
+ " " + RIGHT(STR(YEAR(RESCIND),4),;
2)
ENDIF
? "DISPOSITION:",DISPO
?


---


MCOUNT = MCOUNT + 1

```

```

IF DTOC(REVIEW) = (" / / ")
? "REVIEW:"
ELSE
? "REVIEW: ",STR(DAY(REVIEW),3);
+ " " + LEFT(CMONTH(REVIEW),3);
+ " " + RIGHT(STR(YEAR(REVIEW),4),2)
ENDIF
IF DTOC(RESCIND) = (" / / ")
? "RESCINDED:"
ELSE
? "RESCINDED: ",STR(DAY(RESCIND),;
3) + " " + LEFT(CMONTH(RESCIND),3);
+ " " + RIGHT(STR(YEAR(RESCIND),4),;
2)
ENDIF
? "DISPOSITION:",DISPO
?


---


MCOUNT = MCOUNT + 1
CONTINUE
ELSE
WAIT "PRESS ANY KEY TO CONTINUE"
CLEAR
MCOUNT = 1
? "CONT# SUBJECT;
ORIGINATOR"
?


---


DISPLAY CONTNUM, SUBJECT,;
ORIGINATOR OFF
IF DTOC(ENTERED) = (" / / ")
? "ENTERED:"
ELSE
? "ENTERED: ",STR(DAY(ENTERED),;
3) + " " + LEFT(CMONTH(ENTERED),3);
+ " " + RIGHT(STR(YEAR(ENTERED),4),;
2)
ENDIF
IF DTOC(EXPIRES) = (" / / ")
? "EXPIRES:"
ELSE
? "EXPIRES: ",STR(DAY(EXPIRES),;
3) + " " + LEFT(CMONTH(EXPIRES),3);
+ " " + RIGHT(STR(YEAR(EXPIRES),4),;
2)
ENDIF
IF DTOC(REVIEW) = (" / / ")
? "REVIEW:"
ELSE
? "REVIEW: ",STR(DAY(REVIEW),3);
+ " " + LEFT(CMONTH(REVIEW),3);
+ " " + RIGHT(STR(YEAR(REVIEW),4),2)
ENDIF
IF DTOC(RESCIND) = (" / / ")
? "RESCINDED:"
ELSE
? "RESCINDED: ",STR(DAY(RESCIND),;
3) + " " + LEFT(CMONTH(RESCIND),3);
+ " " + RIGHT(STR(YEAR(RESCIND),4),;
2)
ENDIF
? "DISPOSITION:",DISPO
?


---


MCOUNT = MCOUNT + 1

```

```

ENDIF
ENDDO
WAIT "PRESS ANY KEY TO CONTINUE"
CLOSE ALL
CHOICE = 0
SET EXACT OFF
RETURN

```

```

*****
*ACTION ITEM VIEW PROCEDURE*
*****

```

```

*PROCEDURE TO VIEW ACTION ITEMS*

```

```

SET TALK OFF
STORE " " TO MCONTNUM

```

```

*OPEN THE APPROPRIATE DATABASE AND*
*--INDEX--*

```

```

USE ACTION INDEX ACTION
GOTO TOP
CLEAR

```

```

*LIST TO SCREEN ACTION ITEMS*

```

```

? " STATUS CONTROL # SUBJECT;
ORIGINATOR"
DISPLAY ALL STATUS, " ", CONTNUM.;
TITLE, ORIGIN OFF
?

```

```

*ENTER REQUESTED ACTION ITEM*
*--NUMBER AT SCREEN PROMPT--*

```

```

@ 24,5 SAY "ENTER CONTROL NUMBER OF;
ITEM TO REVIEW: " GET MCONTNUM;
PICTURE "01"
READ
CLEAR

```

```

*CHECK FOR EMPTY MEMORY VARIABLE*

```

```

IF " " = '&MCONTNUM'
CHOICE = 0
CLOSE DATABASES
RETURN
ENDIF

```

```

*LOCATE THE REQUESTED ACTION ITEM*
*--NUMBER--*

```

```

LOCATE FOR CONTNUM = '&MCONTNUM'
CLEAR
*POSITION FIELDS ON THE SCREEN*
@ 2, 1 SAY "STATUS ";
TITLE OPENED;
CLOSED CONTROL"
@ 3, 68 SAY "NUMBER"
@ 4, 1 GET ACTION->STATUS
@ 4, 9 GET ACTION->TITLE
@ 4, 50 GET ACTION->OPENED
@ 4, 59 GET ACTION->CLOSED
@ 4, 68 GET ACTION->CONTNUM
@ 6, 1 SAY "ORIGINATOR: "
@ 6, 15 GET ACTION->ORIGIN
@ 8, 0 SAY "DISCUSSION"

```

```

?
? DISCUSSION
CLEAR GETS
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
*----RESET CHOICE EQUAL TO ZERO----*
CHOICE = 0
*----CLOSE OPEN DATABASES----*
CLOSE DATABASES
*----RETURN TO MAIN MENU----*
RETURN

```

```

*****
*DISCREPANCY TRENDS VIEW PROCEDURE*
*****

```

```

SET TALK OFF
SET HEADING OFF

```

```

*----REMOVE OLD INDEX----*

```

```

ERASE TREND.NDX
USE
CLEAR

```

```

*INITIALIZE MEMORY VARIABLES*

```

```

STORE CTOD(" / / ") TO MDATE
STORE CTOD(" / / ") TO MDATE2
STORE " " TO MTYPE
STORE " " TO MACFT
STORE 0 TO MCOUNT
STORE " " TO MPOS
STORE 0 TO N
CLEAR
?
?
?
?
?

```

```

*ENTER MEMORY VARIABLES AT SCREEN*

```

```

@ 14, 10 SAY "ENTER TYPE AIRCRAFT:;
" GET MACFT;
PICTURE "01"
@ 15, 10 SAY "ENTER DATE OF;
BEGINNING OF DESIRED PERIOD:;
" GET MDATE
@ 16, 10 SAY "ENTER DATE OF END OF;
DESIRED PERIOD: ";
GET MDATE2
@ 17,10 SAY "ENTER CREW POSITION;
(P) OR (W): ";
GET MPOS;
PICTURE "01"
@ 18,10 SAY "ENTER TYPE TREND TO;
VIEW (F) FOR FLT OR (E) FOR EPE: ";
GET MTYPE;
PICTURE "01"
READ

```

```

*OPEN FLIGHT DISCREPANCIES DATABASE*

```

```

USE FLTDIS INDEX FLTDIS

*SEARCH FOR EMPTY RECORDS*
  *--AND DELETE--*

LOCATE FOR AREA = 0
DO WHILE FOUND()
DELETE
CONTINUE
ENDDO
PACK

*OPEN EPE DISCREPANCY DATABASE*

USE EPEDIS INDEX EPEDIS

*SEARCH FOR EMPTY RECORDS*
  *--AND DELETE--*

LOCATE FOR AREA = 0
DO WHILE FOUND()
DELETE
CONTINUE
ENDDO
PACK
CLOSE DATABASES

*BEGIN LOOP TO VIEW FLIGHT*
  *--DISCREPANCIES--*
  *BY AIRCRAFT, REQUESTED DATES,*
  *--AND CREW POSITION--*

DO CASE
CASE '&MTYPE' = "F"
CLEAR
USE FLTDIS
SET FILTER TO ACFT = TRIM(MACFT);
.AND. COMPDATE >= MDATE .AND.;
COMPDATE <= MDATE2
INDEX ON AREA + VAL(SUBAREA); TO
TREND
IF MPOS = "P"
? "          CONTROL#      AREA# AREA;
NAME                      EXAMINER"
DISPLAY ALL CONTNUM, STR(AREA)+;
SUBAREA+" ", AREANAME, EXAMINER;
FOR TRIM(POSITION) = "P" .OR. TRIM;
(POSITION) = "CP" .OR. TRIM;
(POSITION) = "IP" OFF
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
ELSE
IF '&MPOS' = "W"
CLEAR
? "          CONTROL#      AREA# AREA;
NAME                      EXAMINER"
DISPLAY ALL CONTNUM, STR(AREA)+;
SUBAREA+" ", AREANAME, EXAMINER;
FOR POSITION = "WSO" .OR. POSITION;
= "IWSO" OFF
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
ENDIF
ENDCASE

*-----REMOVE FILTER-----*

SET FILTER TO

*RESET CHOICE EQUAL TO ZERO*

CHOICE = 0

*-----CLOSE OPEN DATABASES-----*

CLOSE DATABASES

*-----RETURN TO MAIN MENU-----*

RETURN

```

```

*BEGIN LOOP TO DISPLAY EPE*
  *--DISCREPANCIES--*
  *BY AIRCRAFT, REQUESTED DATES,*
  *--AND CREW POSITION--*

CASE '&MTYPE' = "E"
USE EPEDIS
SET FILTER TO ACFT = TRIM(MACFT);
.AND. COMPDATE >= MDATE .AND.;
COMPDATE <= MDATE2
INDEX ON AREA + VAL(SUBAREA);
TO TREND
GOTO TOP
IF '&MPOS' = "P"
CLEAR
? "          CONTROL#      AREA# AREA;
NAME                      EXAMINER"
DISPLAY ALL CONTNUM, STR(AREA)+;
SUBAREA+" ", AREANAME, EXAMINER;
FOR POSITION = "P" .OR. POSITION;
= "IP" OFF
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
ELSE
IF '&MPOS' = "W"
CLEAR
? "          CONTROL#      AREA# AREA;
NAME                      EXAMINER"
DISPLAY ALL CONTNUM, STR(AREA)+;
SUBAREA+" ", AREANAME, EXAMINER;
FOR POSITION = "WSO" .OR. POSITION;
= "IWSO" OFF
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
ENDIF
ENDCASE

*-----REMOVE FILTER-----*

SET FILTER TO

*RESET CHOICE EQUAL TO ZERO*

CHOICE = 0

*-----CLOSE OPEN DATABASES-----*

CLOSE DATABASES

*-----RETURN TO MAIN MENU-----*

RETURN

```

 SAFE OBJECTIVITY VIEW PROCEDURE

SET TALK OFF
 SET HEADING OFF
 CLEAR

INITIALIZE MEMORY VARIABLES

STORE CTOD(" / / ") TO MDATE
 STORE CTOD(" / / ") TO MDATE2
 STORE " " TO MTYPE
 STORE " " TO MACFT
 STORE 0 TO MCOUNT
 STORE " " TO MPOS
 STORE 0 TO N
 CLEAR
 ?
 ?
 ?
 ?
 ?

ENTER MEMORY VARIABLES AT SCREEN

@ 14, 10 SAY "ENTER TYPE AIRCRAFT:;
 " GET MACFT;
 PICTURE "@!"
 @ 15, 10 SAY "ENTER DATE OF;
 BEGINNING OF DESIRED PERIOD: ";
 GET MDATE
 @ 16, 10 SAY "ENTER DATE OF END OF;
 DESIRED PERIOD: " GET MDATE2
 @ 17, 10 SAY "ENTER CREW POSITION;
 (P) OR (W): " GET MPOS;
 PICTURE "@!"
 @ 18, 10 SAY "ENTER TYPE TREND TO;
 VIEW (F) FOR FLIGHT OR (E) FOR EPE:;
 " GET MTYPE;
 PICTURE "@!"
 READ

-----REMOVE OLD DATABASE FILE-----

ERASE OBJ.DBF

BEGIN LOOP FOR FLIGHT
 --EVALUATION OBJECTIVITY--

DO CASE
 CASE '&MTYPE' = "F"
 CLEAR

OPENS ONLY THE FLIGHT DISCREPANCY
 --DATABASE--

USE FLTDIS

ALLOWS PROGRAM TO SEE ONLY
 --SPECIFIED RECORDS--
 SET FILTER TO ACFT = TRIM(MACFT);
 .AND. COMPDATE >= MDATE .AND. ;
 COMPDATE <= MDATE2

IF EOF()
 CLEAR

@ 10, 10 SAY "NO DISCREPANCIES
 ENTERED"

?
 ?
 WAIT "PRESS ANY KEY TO CONTINUE"
 CHOICE = 0
 CLOSE DATABASES
 RETURN
 ELSE

IF RECCOUNT() = 1
 ? "CONTROL# EXAMINER;
 AREA"
 DISPLAY CONTNUM, EXAMINER,;
 STR(AREA)+SUBAREA, AREANAME FOR;
 POSITION = "P" .OR. POSITION = "CP";
 .OR. POSITION = "IP" OFF
 ?
 ?

WAIT "PRESS ANY KEY TO CONTINUE"
 CHOICE = 0
 CLOSE DATABASES
 RETURN
 ELSE

ORDERS RECORDS ACCORDING TO *--
 EXAMINER, AREA, AND SUBAREA--*

SORT TO OBJ ON EXAMINER, AREA,;
 SUBAREA
 USE OBJ
 ENDIF

ALLOWS ONLY RECORDS OF PILOTS
 --TO BE SEEN--

IF MPOS = "P"

LIST TO SCREEN ALL RECORDS
 --SPECIFIED--

? "CONTROL# EXAMINER;
 AREA"
 DISPLAY CONTNUM, EXAMINER,;
 STR(AREA)+SUBAREA, AREANAME FOR;
 POSITION = "P" .OR. POSITION = "CP";
 .OR. POSITION = "IP" OFF
 ?
 ?

WAIT "PRESS ANY KEY TO CONTINUE"
 ELSE

ALLOWS ONLY RECORDS OF WSO'S TO
 --BE SEEN--

IF '&MPOS' = "W"
 CLEAR

LIST TO SCREEN RECORDS OF *--
 SPECIFIED WSO'S--*

? "CONTROL# EXAMINER;
 AREA"
 DISPLAY CONTNUM, EXAMINER,;
 STR(AREA)+SUBAREA, AREANAME FOR;
 POSITION = "WSO" .OR. POSITION = ;
 "IWSO" OFF
 ?
 ?

```

WAIT "PRESS ANY KEY TO CONTINUE"
ENDIF
*BEGIN LOOP FOR EPE FLIGHT* *--
EXAMINER OBJECTIVITY--*
CASE '&MYPE' = "E"
CLEAR

*OPENS EPE DISCREPANCY DATABASE*
*--ONLY--*

USE EPEDIS

*ALLWS ONLY SPECIFIED RECORDS*
*--TO BE SEEN--*

SET FILTER TO ACFT = TRIM(MACFT);
AND. COMDATE >= MDATE AND.;
COMDATE <= MDATE2

IF EOF()
CLEAR
@ 10, 10 SAY "NO DISCREPANCIES;
ENTERED"
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
CHOICE = 0
CLOSE DATABASES
RETURN
ELSE
IF RECCOUNT() = 1
? "CONTROL# EXAMINER;
AREA"
DISPLAY CONTNUM, EXAMINER.;
STR(AREA)+SUBAREA, AREANAME FOR;
POSITION = "P" .OR. POSITION = "CP";
.OR. POSITION = "IP" OFF
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
CHOICE = 0
CLOSE DATABASES
RETURN
ELSE

*ORDERS RECORDS ACCORDING TO*
*--EXAMINER, AREA, AND SUBAREA--*

SORT TO OBJ ON EXAMINER, AREA.;
SUBAREA
USE OBJ
ENDIF
GOTO TOP

*ALLWS ONLY PILOT RECORDS TO BE*
*--SEEN--*

IF '&MPOS' = "P"
CLEAR

*LIST TO SCREEN SPECIFIED RECORDS*

? "CONTROL# EXAMINER;
AREA"
DISPLAY CONTNUM, EXAMINER.;
STR(AREA)+SUBAREA, AREANAME FOR;
POSITION = "P" .OR. POSITION = "CP";
.OR. POSITION = "IP" OFF

```

```

?
?
WAIT "PRESS ANY KEY TO CONTINUE"
ELSE
*ALLWS ONLY WSO RECORDS TO BE SEEN*
IF '&MPOS' = "W"
CLEAR

*LIST TO SCREEN SPECIFIED RECORDS*

? "CONTROL# EXAMINER;
AREA"
DISPLAY CONTNUM, EXAMINER.;
STR(AREA)+SUBAREA, AREANAME FOR;
POSITION = "WSO" .OR. POSITION =;
"WSO" OFF
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
ENDIF
ENDCASE

*----CLEARS FILTERS----*

SET FILTER TO

*----RESET CHOICE EQUAL TO ZERO----*

CHOICE = 0

*----CLOSES ALL OPEN DATABASES----*

CLOSE DATABASES

*----RETURN TO MAIN MENU----*

RETURN

```

```

*****
*REQUISITES/EVALS DUE VIEW*
*      PROCEDURE      *
*****

*PROCEDURE TO VIEW EVALUATIONS DUE*

PUBLIC MTACTEST
STORE 0 TO N
STORE CTOD(" / / ") TO MDATE1
STORE CTOD(" / / ") TO MDATE2
STORE " " TO MEXP
SET TALK OFF
CLEAR

*ENTER END ING DATE OF DESIRED*
*--ELIGIBILITY PERIOD--*

@ 5, 5 SAY "ENTER ENDING DATE OF;
DESIRED ZONE: " GET MDATE1
READ
CLEAR

*CALCULATE BEGINNING OF ZONE*

DO CASE
CASE MONTH(MDATE1) = 1
MDATE2 = MDATE1 - 183
CASE MONTH(MDATE1) = 2
MDATE2 = MDATE1 - 180
CASE MONTH(MDATE1) = 3
MDATE2 = MDATE1 - 181
CASE MONTH(MDATE1) = 4
MDATE2 = MDATE1 - 180
CASE MONTH(MDATE1) = 5
MDATE2 = MDATE1 - 181
CASE MONTH(MDATE1) = 6
MDATE2 = MDATE1 - 180
CASE MONTH(MDATE1) = 7
MDATE2 = MDATE1 - 180
CASE MONTH(MDATE1) = 8
MDATE2 = MDATE1 - 183
CASE MONTH(MDATE1) = 9
MDATE2 = MDATE1 - 182
CASE MONTH(MDATE1) = 10
MDATE2 = MDATE1 - 183
CASE MONTH(MDATE1) = 11
MDATE2 = MDATE1 - 182
CASE MONTH(MDATE1) = 12
MDATE2 = MDATE1 - 183
ENDCASE
CLEAR
SELECT 1

*OPEN INDIVIDUAL DATABASE AND INDEX*

USE INDIV INDEX INDIV
GOTO TOP
ERASE TEMP.NDX

*LOCATE EVALUATIONS THAT WILL*
*EXPIRE IN THE ELIGIBILITY PERIOD*
*DISPLAY BY TYPE THE EVALUATIONS*
*DUE AND REQUISITES REMAINING*

INDEX ON EXPIRE1 TO TEMP
GOTO TOP
LOCATE FOR EXPIRE1 <= MDATE1

```

```

N = 4
DO WHILE .NOT. EOF()
N = N + 1
MEXP = LEFT(CMONTH(EXPIRE1),3) +;
" + RIGHT(STR(YEAR(EXPIRE1),4),2)
@ N, 0 SAY TRIM(LNAME)+" +LEFT;
(FNAME,1)
@ N, 15 SAY "INST/QUAL: "+"&MEXP'
IF OPENBOOK < MDATE2 .OR.
DIOC(OPENBOOK) = (" / / ")
@ N, 35 SAY "OPEN BOOK"
ELSE
ENDIF
IF CLOSEDBOOK < MDATE2 .OR.;
DIOC(CLOSEDBOOK) = (" / / ")
@ N, 47 SAY "CLOSED BOOK"
ELSE
ENDIF
IF INSTRUMENT < MDATE2 .OR.;
DIOC(INSTRUMENT) = (" / / ")
@ N, 60 SAY "INSTRUMENT"
ELSE
ENDIF
IF IEPE < MDATE2 .OR. DIOC(IEPE); =
(" / / ")
@ N, 73 SAY "EPE"
ELSE
ENDIF
CONTINUE
ENDDO
?
?
WAIT
CLEAR
ERASE TEMP2.NDX
INDEX ON EXPIRE2 TO TEMP2
GOTO TOP
SELECT 2
STORE " " TO MTACTEST
USE TYPE EVA
LOCATE FOR TYPE = "TACTICAL"
MTACTEST = TAC REQ
SELECT 1
LOCATE FOR EXPIRE2 < MDATE1
N = 4
DO WHILE .NOT. EOF()
N = N + 1
MEXP = LEFT(CMONTH(EXPIRE2),3) +;
" + RIGHT(STR(YEAR(EXPIRE2),4),2)
@ N, 0 SAY TRIM(LNAME)+" +LEFT;
(FNAME,1)
@ N, 15 SAY "TACTICAL: "+"&MEXP'
IF TACTEST < MDATE2 .OR.
DIOC(TACTEST) = (" / / ") .AND.
MTACTEST = "Y"
@ N, 35 SAY "TACTICAL TEST"
ELSE
ENDIF
IF TEPE < MDATE2 .OR. DIOC(TEPE); =
(" / / ")
@ N, 53 SAY "EPE"
ELSE
ENDIF
CONTINUE
ENDDO
?
?
WAIT

```

```

CLEAR
ERASE TEMP3.NDX
INDEX ON EXPIRE3 TO TEMP3
GOTO TOP
LOCATE FOR EXPIRE3 < MDATE1
N = 4
DO WHILE .NOT. EOF()
N = N + 1
MEXP = LEFT(CMONTH(EXPIRE3),3) + ;
" " + RIGHT(STR(YEAR(EXPIRE3),4),2)
@ N, 0 SAY TRIM(LNAME)+" "+LEFT;
(FNAME,1)
@ N, 15 SAY "MISSION: "+MEXP'
IF TEPE < MDATE2 .OR. DTOC(TEPE);
= (" / / ")
@ N, 40 SAY "EPE"
ELSE
ENDIF
CONTINUE
ENDDO
?
?
WAIT
CLEAR
ERASE TEMP4.NDX
INDEX ON EXPIRE4 TO TEMP4
GOTO TOP
LOCATE FOR EXPIRE4 < MDATE1
N = 4
DO WHILE .NOT. EOF()
N = N + 1
MEXP = LEFT(CMONTH(EXPIRE4),3) + ;
" " + RIGHT(STR(YEAR(EXPIRE4),4),2)
@ N, 0 SAY TRIM(LNAME)+" "+LEFT;
(FNAME,1)
@ N, 15 SAY "TAC/QUAL: "+MEXP'
IF TACTEST < MDATE2 .OR.
DTOC(TACTEST) = (" / / ")
@ N, 35 SAY "TACTICAL TEST"
ELSE
ENDIF
IF TEPE < MDATE2 .OR. DTOC(TEPE);
= (" / / ")
@ N, 55 SAY "EPE"
ELSE
ENDIF
CONTINUE
ENDDO
?
?
WAIT
CLEAR

*REINITIALIZE CHOICE TO ZERO*
CHOICE = 0

*----CLOSE ALL DATABASES----*
CLOSE DATABASES

*----RETURN TO MAIN MENU----*
RETURN

```

```

*****
*SUPEVAL VIEW PROCEDURE*
*****

*OPEN APPROPRIATE DATABASE*
*--AND INDEX--*

USE SUPEVAL INDEX SUPEVAL
GOTO TOP
CLEAR

*LIST TO SCREEN ALL CURRENT* *--
SUPPLEMENTAL EVALUATIONS--*

DISPLAY FOR STATUS <> "CLOSED";
AREA, OPR

*INITIALIZE MEMORY VARIABLES*

STORE 0 TO MAREA
STORE " " TO MRESPON

*ENTER MEMORY VARIABLES AT SCREEN*

@ 24, 0 SAY "ENTER RECORD NUMBER OF;
SUPPLEMENTARY EVALUATION TO VIEW: ";
GET MAREA
READ
CLEAR
IF MAREA = 0
CHOICE = 0
CLOSE DATABASES
RETURN
ELSE
*LOCATE THE REQUESTED RECORD*
LOCATE FOR RECNO() = MAREA
*POSITION FIELDS ON THE SCREEN*
DO WHILE FOUND()
@ 1,0 SAY "SUPPLEMENTARY;
EVALUATIONS"
@ 3,5 SAY "STATUS OPR;
AREA"
@ 5,5 GET SUPEVAL->STATUS;
@ 5,15 GET SUPEVAL->OPR;
@ 5,47 GET SUPEVAL->AREA;
@ 7,5 SAY "DATE LAST EVAL;
DATE NEXT DUE"
@ 9,8 GET SUPEVAL->DATEACC
@ 9,35 GET SUPEVAL->DATEDUE
@ 11,5 SAY "COMMENTS:"
@ 11,17 GET SUPEVAL->COMMENT
CLEAR GETS
?
?
WAIT "PRESS ANY KEY TO CONTINUE"
ENDIF
CLOSE DATABASES
RETURN
ENDDO
*REINITIALIZE CHOICE TO ZERO*
CHOICE = 0
*----CLOSE ALL DATABASES----*
CLOSE DATABASES
*----RETURN TO MAIN MENU----*
RETURN

```

```

*****
*INDIVIDUAL DELETE PROCEDURE*
*****

*-PROCEDURE TO DELETE INDIVIDUAL-*
  *--FROM DATABASE--*
*-OPEN INDIV DATABASE AND INDEX-*

SET TALK OFF
USE INDIV INDEX INDIV
GOTO TOP
CLEAR
STORE 0 TO MRECORD
STORE " " TO MRESPON
CLEAR
?
GOTO TOP

*LIST ALL INDIVIDUALS IN DATABASE*
*ALLOW USER TO SELECT INDIVIDUAL*
  *-----TO BE DELETE-----*

DO WHILE .NOT. EOF() .AND.;
MRECORD = 0
DISPLAY NEXT 18 TRIM(LNAME),;
TRIM(FNAME), TRIM(MI),";;
TRIM(RANK),ACFT
@ 24, 5 SAY "ENTER RECORD NUMBER;
OF INDIVIDUAL TO DELETE: ";
GET MRECORD
READ
CLEAR
ENDDO
IF EOF() .AND. MRECORD = 0
CLOSE DATABASES
RETURN
ELSE
GOTO MRECORD
CLEAR

*DISPLAY SELECTED RECORD ON SCREEN*

@ 1, 12 SAY "PERSONAL DATA;
GROUND PHASE REQUISITES"
@ 3, 0 SAY "LAST NAME,;
FIRST MI. TYPE;
DATE SCORE"
@ 4, 0 GET INDIV->LNAME
@ 4, 19 GET INDIV->FNAME
@ 4, 32 GET INDIV->MI
@ 5, 0 SAY "ORGANIZATION;
CLOSED BOOK"
@ 6, 0 GET INDIV->ORGAN
@ 7, 0 SAY "LOCATION EPE"
@ 8, 0 GET INDIV->LOCAT
@ 9, 0 SAY "RANK SSAN;
ACFT TYPE"
@ 10, 0 GET INDIV->RANK
@ 10, 10 GET INDIV->SSAN
@ 10, 22 GET INDIV->ACFT
@ 11, 0 SAY "CREW POSITION"
@ 12, 0 GET INDIV->POSITION
@ 4, 42 SAY "OPEN BOOK"
@ 4, 57 GET INDIV->OPENBOOK
@ 4, 67 GET INDIV->SCORE1
@ 5, 42 SAY "CLOSED BOOK"
@ 5, 57 GET INDIV->CLOSEDBOOK
@ 5, 67 GET INDIV->SCORE2

```

```

@ 6, 42 SAY "INSTRUMENT"
@ 6, 57 GET INDIV->INSTRUMENT
@ 6, 67 GET INDIV->SCORE3
@ 7, 42 SAY "INST EPE"
@ 7, 57 GET INDIV->IEPE
@ 7, 67 GET INDIV->SCORE4
@ 8, 42 SAY "TACTICAL"
@ 8, 57 GET INDIV->TACTEST
@ 8, 67 GET INDIV->SCORE6
@ 9, 42 SAY "TAC EPE"
@ 9, 57 GET INDIV->TEPE
@ 9, 67 GET INDIV->SCORE7
@ 10, 42 SAY "CAPS/BOLD FACE"
@ 10, 57 GET INDIV->CAPS
@ 10, 67 GET INDIV->SCORE5
@ 12, 49 SAY "FLIGHT EVALUATIONS"
@ 14, 25 SAY "TYPE;
EXPIRATION ZONE"
@ 15, 25 SAY "INST/QUAL"
@ 15, 45 GET INDIV->EXPIRE1
@ 15, 55 GET INDIV->ZONE1
@ 16, 25 SAY "TACTICAL"
@ 16, 45 GET INDIV->EXPIRE2
@ 16, 55 GET INDIV->ZONE2
@ 17, 25 SAY "MISSION"
@ 17, 45 GET INDIV->EXPIRE3
@ 17, 55 GET INDIV->ZONE3
@ 18, 25 SAY "TAC/QUAL"
@ 18, 45 GET INDIV->EXPIRE4
@ 18, 55 GET INDIV->ZONE4
@ 19, 25 SAY "QUALIFICATION"
@ 19, 45 GET INDIV->EXPIRE5
@ 19, 55 GET INDIV->ZONE5
@ 20, 25 SAY "INSTRUCTOR"
@ 20, 45 GET INDIV->EXPIRE6
@ 20, 55 GET INDIV->ZONE6
@ 21, 25 SAY "RIGHT/REAR LANDING"
@ 21, 45 GET INDIV->REARLAND
@ 23, 5 SAY "IS THIS THE FILE YOU;
WANT DELETED?"
@ 24, 5 SAY "(Y) FOR YES OR;
RETURN FOR NO: "
CLEAR GETS
ENDIF

*--MAKE POSITIVE CHOICE TO DELETE--*
*---THIS RECORD---*

@ 24, 37 SAY "" GET MRESPON;
PICTURE "0!"
READ
IF "Y" = MRESPON
DELETE FOR RECNO() = MRECORD
PACK
ELSE
ENDIF
CHOICE = 0

*-----CLOSE ALL DATABASES-----*
CLOSE DATABASES

*-----RETURN TO MAIN MENU-----*
RETURN

```

```

*****
*FCIF DELETE PROCEDURE*
*****

*PROCEDURE TO DELETE FCIF ITEMS*
CLEAR
SET TALK OFF
SET HEADING OFF
PUBLIC MPUBNUM, MCOUNT
STORE " " TO MRESPON

*BEGIN DO LOOP TO DELETE ANY*
  *--FCIF ITEM--*

DO WHILE CHOICE <> 5
  CLEAR
  TEXT

      DELETE FCIF ITEMS

      1. PUBLICATION
      2. SUPPLEMENT
      3. CHANGE
      4. IMC
      5. READ FILE ITEM

  RETURN TO MAIN MENU
ENDTEXT

*DRAW DOUBLE LINE AT COORDINATES*

@ 4,15 TO 4,60 DOUBLE
@ 1,15 TO 20,60 DOUBLE

*----ENTER USER'S CHOICE----*

@ 23, 25 SAY "ENTER CHOICE";
GET CHOICE;
PICTURE "9" RANGE 1, 5

READ

*----EXECUTE USER'S CHOICE----*

DO CASE
CASE CHOICE = 1

*OPEN FCIF DATABASE FOR PUBS*

STORE 0 TO MANSWER
CLEAR
@ 5, 5 SAY "(1) TECH ORDER "
@ 6, 5 SAY "(2) PUBLICATIONS";
GET MANSWER;
PICTURE "9" RANGE 1,2
READ
DO CASE

CASE MANSWER = 1

*--INITIALIZE MEMORY VARIABLES--*

```

```

USE TECHORD INDEX TECHORD
STORE " " TO MPUBNUM
STORE " " TO MPUB2
STORE " " TO MPUB3
STORE " " TO MPUB4
STORE " " TO MPUB5

*----DEFINE MEMORY VARIABLES----*

@ 5, 5 SAY "ENTER TECH ORDER;
TO CHANGE: " GET MPUBNUM;
PICTURE "01"
@ 5, 40 SAY " " GET MPUB2;
PICTURE "01"
@ 5, 46 SAY " " GET MPUB3;
PICTURE "01"
@ 5, 52 SAY " " GET MPUB4;
PICTURE "01"
@ 5, 58 SAY " " GET MPUB5;
PICTURE "01"
READ
CLEAR
GOTO TOP

*CONCATENTION OF MEMORY VARIABLES*

LOCATE FOR PUBNUM =;
  TRIM('&MPUBNUM') .AND. PUB2;
  = TRIM('&MPUB2') .AND. PUB3;
  = TRIM('&MPUB3') .AND. PUB4;
  = TRIM('&MPUB4') .AND. PUB5;
  = TRIM('&MPUB5')

@ 2, 2 SAY "FCIF VOLUME ( )"
@ 2, 15 GET TECHORD->VOL
@ 4, 2 SAY "STATUS TECH ORDER;
NUMBER DATE"
@ 5, 4 GET TECHORD->STATUS
@ 5, 9 GET TECHORD->PUBNUM;
PICTURE "01"
@ 5, 15 GET TECHORD->PUB2;
PICTURE "01"
@ 5, 21 GET TECHORD->PUB3;
PICTURE "01"
@ 5, 27 GET TECHORD->PUB4;
PICTURE "01"
@ 5, 33 GET TECHORD->PUB5;
PICTURE "01"
@ 7, 38 SAY "TITLE"
@ 8, 25 GET TECHORD->TITLE;
PICTURE "01"
@ 5, 57 GET TECHORD->DATE
@ 10, 9 SAY "DATE ORDERED;
DATE RECEIVED"
@ 11, 11 GET TECHORD->ORDERED
@ 11, 35 GET TECHORD->RECEIVED
@ 13, 9 SAY "QUANTITY ORDERED;
DISTRIBUTION"
@ 14, 11 GET TECHORD->QUANT
@ 14, 35 GET TECHORD->DIST
CLEAR GETS

*POSTIVE DECISION TO DELETE PUB*

@ 20, 5 SAY "IS THIS THE; TECH ORDER
YOU WANT TO DELETE? "; GET MRESPON;
PICTURE "01"
READ
IF MRESPON = "Y"

```

```

DELETE
PACK
ELSE
ENDIF
CLOSE DATABASES
RETURN

CASE MANSWER = 2
USE FCIF INDEX FCIF

*-----INITIALIZE MEMORY VARIABLE-----*

STORE " " TO MTYPE
STORE 0 TO MNUM
STORE 0 TO MNUM2
STORE " " TO MVOLUME
CLEAR

*ENTER MEMORY VARIABLE AT*
*--SCREEN PROMPT--*

@ 5, 5 SAY "ENTER PUBLICATION TO;
CHANGE: " GET MTYPE;
PICTURE "01"
@ 5, 41 SAY " GET MNUM;
PICTURE "####"
@ 5, 47 SAY " GET MNUM2;
PICTURE "####"
@ 5, 55 GET MVOLUME;
PICTURE "01"
READ
CLEAR
GOTO TOP

*LOCATE THE REQUESTED PUBLICATION*

LOCATE FOR TYPE = TRIM('&MTYPE');
AND. NUM = MNUM AND. NUM2 = MNUM2;
AND. VOLUME = TRIM('&MVOLUME')

*SET SCREEN FORMAT TO CHANGE*
*--PUBLICATIONS DATA--*

@ 3, 2 SAY "FCIF VOLUME ( )"
@ 3, 15 GET FCIF->VOL
@ 5, 2 SAY "STATUS
PUBLICATION;
NUMBER DATE"
@ 6, 4 GET FCIF->STATUS
@ 6, 9 GET FCIF->TYPE;
PICTURE "01"
@ 6, 17 GET FCIF->NUM;
PICTURE "####"
@ 6, 22 SAY "
@ 6, 23 GET FCIF->NUM2;
PICTURE "####"
@ 6, 29 GET FCIF->VOLUME;
PICTURE "01"
@ 6, 57 GET FCIF->DATE
@ 8, 17 SAY " TITLE"
@ 9, 17 GET FCIF->TITLE;
PICTURE "01"
@ 11, 9 SAY "DATE ORDERED;
DATE RECEIVED"
@ 12, 11 GET FCIF->ORDERED
@ 12, 35 GET FCIF->RECEIVED
@ 14, 9 SAY "QUANTITY ORDERED;
DISTRIBUTION"

```

```

@ 15, 11 GET FCIF->QUANT
@ 15, 35 GET FCIF->DIST
CLEAR GETS

*POSITIVE DECISION TO DELETE PUB*

@ 20, 5 SAY "IS THIS THE;
PUBLICATION YOU WANT TO DELETE?; "
GET MRESPON;
PICTURE "01"
READ
IF MRESPON = "Y"
DELETE
PACK
ELSE
ENDIF
CLOSE DATABASES
RETURN

ENDCASE

CASE CHOICE = 2

*OPEN DATABASE FOR SUPPLEMENTS*
*--TO PUBLICATIONS--*

USE FCIF2 INDEX FCIF2

*---INITIALIZE MEMORY VARIABLES---*

STORE " " TO MPUBNUM
STORE " " TO MSUP
CLEAR

*ENTER MEMORY VARIABLES AT THE*
*--SCREEN PROMPT--*

@ 5,5 SAY " ENTER THE BASIC;
PUBLICATION: " GET MPUBNUM;
PICTURE "01"
@ 6,5 SAY "ENTER THE SUPPLEMENT TO;
CHANGE: " GET MSUP;
PICTURE "01"
READ
GOTO TOP

*LOCATE THE DESIRED SUPPLEMENT* *--
FOR A GIVEN PUBLICATION--*

LOCATE FOR PUBNUM = '&MPUBNUM';
AND. SUP = '&MSUP'

*SET SCREEN FORMAT FOR CHANGING*
*--DATA IN SUPPLEMENT FILE--*

CLEAR
@ 3, 2 SAY "FCIF VOLUME ("
@ 3, 15 GET FCIF2->VOL
@ 3, 20 SAY "
@ 5, 2 SAY "PUBLICATION"
@ 6, 2 GET FCIF2->PUBNUM;
PICTURE "01"
@ 9, 2 SAY "STATUS SUPPLEMENT;
DATE OF SUPPLEMENT ORDERED;
RECEIVED"
@ 10, 4 GET FCIF2->STATUS
@ 10, 9 GET FCIF2->SUP;
PICTURE "01"

```

```

DELETE
PACK
ELSE
ENDIF
CLOSE DATABASES
RETURN

```

```

CASE MANSWER = 2
USE FCIF INDEX FCIF

```

```

*----INITIALIZE MEMORY VARIABLE----*

```

```

STORE " " TO MTYPE
STORE 0 TO MNUM
STORE 0 TO MNUM2
STORE " " TO MVOLUMN
CLEAR

```

```

*ENTER MEMORY VARIABLE AT*
*--SCREEN PROMPT--*

```

```

@ 5, 5 SAY "ENTER PUBLICATION TO;
CHANGE: " GET MTYPE;
PICTURE "01"
@ 5, 41 SAY " " GET MNUM;
PICTURE "#####"
@ 5, 47 SAY " " GET MNUM2;
PICTURE "#####"
@ 5, 55 GET MVOLUMN;
PICTURE "01"
READ
CLEAR
GOTO TOP

```

```

*LOCATE THE REQUESTED PUBLICATION*

```

```

LOCATE FOR TYPE = TRIM('&MTYPE');
AND. NUM = MNUM AND. NUM2 = MNUM2;
AND. VOLUMN = TRIM('&MVOLUMN')

```

```

*SET SCREEN FORMAT TO CHANGE*
*--PUBLICATIONS DATA--*

```

```

@ 3, 2 SAY "FCIF VOLUME ( " )"
@ 3, 15 GET FCIF->VOL
@ 5, 2 SAY "STATUS
PUBLICATION;
NUMBER DATE"
@ 6, 4 GET FCIF->STATUS
@ 6, 9 GET FCIF->TYPE;
PICTURE "01"
@ 6, 17 GET FCIF->NUM;
PICTURE "#####"
@ 6, 22 SAY " "
@ 6, 23 GET FCIF->NUM2;
PICTURE "#####"
@ 6, 29 GET FCIF->VOLUMN;
PICTURE "01"
@ 6, 57 GET FCIF->DATE
@ 8, 17 SAY " TITLE"
@ 9, 17 GET FCIF->TITLE;
PICTURE "01"
@ 11, 9 SAY "DATE ORDERED;
DATE RECEIVED"
@ 12, 11 GET FCIF->ORDERED
@ 12, 35 GET FCIF->RECEIVED
@ 14, 9 SAY "QUANTITY ORDERED;
DISTRIBUTION"
@ 10, 29 GET FCIF2->DATE

```

```

@ 15, 11 GET FCIF->QUANT
@ 15, 35 GET FCIF->DIST
CLEAR GETS

```

```

*POSITIVE DECISION TO DELETE PUB*

```

```

@ 20, 5 SAY "IS THIS THE;
PUBLICATION YOU WANT TO DELETE?; "
GET MRESPON;
PICTURE "01"
READ
IF MRESPON = "Y"
DELETE
PACK
ELSE
ENDIF
CLOSE DATABASES
RETURN

```

```

ENDCASE

```

```

CASE CHOICE = 2

```

```

*OPEN DATABASE FOR SUPPLEMENTS*
*--TO PUBLICATIONS--*

```

```

USE FCIF2 INDEX FCIF2

```

```

*---INITIALIZE MEMORY VARIABLES---*

```

```

STORE " " TO MPUBNUM
STORE " " TO MSUP
CLEAR

```

```

*ENTER MEMORY VARIABLES AT THE*
*--SCREEN PROMPT--*

```

```

@ 5,5 SAY " ENTER THE BASIC;
PUBLICATION: " GET MPUBNUM;
PICTURE "01"
@ 6,5 SAY "ENTER THE SUPPLEMENT TO;
CHANGE: " GET MSUP;
PICTURE "01"
READ
GOTO TOP

```

```

*LOCATE THE DESIRED SUPPLEMENT* *--
FOR A GIVEN PUBLICATION--*

```

```

LOCATE FOR PUBNUM = '&MPUBNUM';
AND. SUP = '&MSUP'

```

```

*SET SCREEN FORMAT FOR CHANGING*
*--DATA IN SUPPLEMENT FILE--*

```

```

CLEAR
@ 3, 2 SAY "FCIF VOLUME ( "
@ 3, 15 GET FCIF2->VOL
@ 3, 20 SAY " )"
@ 5, 2 SAY "PUBLICATION"
@ 6, 2 GET FCIF2->PUBNUM;
PICTURE "01"
@ 9, 2 SAY "STATUS SUPPLEMENT;
DATE OF SUPPLEMENT ORDERED;
RECEIVED"
@ 10, 4 GET FCIF2->STATUS
@ 10, 9 GET FCIF2->SUP;
PICTURE "01"
@ 9, 27 GET FCIF3->DATE

```

```

0 10, 46 GET FCIF2->ORDERED
0 10, 57 GET FCIF2->RECEIVED
CLEAR GETS
0 9, 39 GET FCIF3->ORDERED
0 9, 51 GET FCIF3->RECEIVED
*POSITIVE DECISION TO DELETE SUP*

0 20, 5 SAY "IS THIS THE; SUPPLEMENT
YOU WANT TO DELETE? " GET MRESPON;
PICTURE "01"
READ
IF MRESPON = "Y"
DELETE
PACK
ELSE
ENDIF
CLOSE DATABASES
RETURN

```

CASE CHOICE = 3

```

*OPEN DATABASE TO DELETE DATA;
*--IN FILE--*

```

USE FCIF3 INDEX FCIF3

```

*--INITIALIZE MEMORY VARIABLES--*

```

```

STORE " " TO MPUBNUM
STORE " " TO MCHANGE
CLEAR

```

```

*ENTER MEMORY VARIABLES AT THE*
*--SCREEN PROMPT--*

```

```

0 5,5 SAY "ENTER THE BASIC;
PUBLICATION: " GET MPUBNUM;
PICTURE "01"
0 6,5 SAY "ENTER THE CHANGE TO EDIT;
: " GET MCHANGE;
PICTURE "01"
READ
GOTO TOP

```

```

*LOCATE THE DESIRED CHANGE TO*
*--THE GIVEN PUBLICATION--*

```

```

LOCATE FOR PUBNUM = '&MPUBNUM';
.AND. CHANGE = '&MCHANGE'

```

```

*SET SCREEN FORMAT TO DELETE DATA*

```

```

CLEAR
0 2, 2 SAY "FCIF VOLUME ("
0 2, 15 GET FCIF3->VOL
0 2, 20 SAY ") "
0 4, 2 SAY "PUBLICATION"
0 5, 2 GET FCIF3->PUBNUM;
PICTURE "01"
0 7, 28 SAY "CHANGE"
0 8, 2 SAY "STATUS CHANGE;
NUMBER DATE ORDERED;
RECEIVED"
0 9, 4 GET FCIF3->STATUS
0 9, 10 GET FCIF3->CHANGE;
PICTURE "01"
*POSITIVE DECISION TO DELETE IMC*
0 20, 5 SAY "IS THIS THE IMC YOU;
WANT TO DELETE? " GET MRESPON;

```

```

CLEAR GETS
*POSITIVE DECISION TO DELETE CHANGE*
0 20, 5 SAY "IS THIS THE CHANGE YOU;
WANT TO DELETE? " GET MRESPON;
PICTURE "01"
READ
IF MRESPON = "Y"
DELETE
PACK
ELSE
ENDIF
CLOSE DATABASES
RETURN
PACK
ELSE
ENDIF
CLOSE DATABASES
RETURN

```

CASE CHOICE = 4

```

*----OPEN DATABASE FOR IMCS----*

```

USE FCIF4 INDEX FCIF4

```

*INITIALIZE MEMORY VARIABLES*

```

```

STORE " " TO MPUBNUM
STORE " " TO MIMC
CLEAR

```

```

*ENTER MEMORY VARIABLES AT*
*--SCREEN PROMPT--*

```

```

0 5,5 SAY "ENTER THE BASIC;
PUBLICATION: " GET MPUBNUM;
PICTURE "01"
0 6,5 SAY "ENTER THE IMC TO;
EDIT: " GET MIMC;
PICTURE "01"
READ
GOTO TOP

```

```

*----LOCATE THE DESIRED IMC----*

```

```

LOCATE FOR PUBNUM = '&MPUBNUM';
.AND. IMC = '&MIMC'

```

```

*SET SCREEN FORMAT FOR CHANGING*
*--DESIRED IMC--*

```

```

CLEAR
0 3, 2 SAY "FCIF VOLUME ("
0 3, 15 GET FCIF4->VOL
0 3, 20 SAY ") "
0 5, 2 SAY "PUBLICATION"
0 6, 2 GET FCIF4->PUBNUM;
PICTURE "01"
0 8, 2 SAY "STATUS IMC;
DATE ORDERED RECEIVED"
0 9, 4 GET FCIF4->STATUS
0 9, 10 GET FCIF4->IMC;
PICTURE "01"
0 9, 23 GET FCIF4->DATE
0 9, 34 GET FCIF4->ORDERED
0 9, 45 GET FCIF4->RECEIVED
CLEAR GETS
0 6, 2 SAY "NUMBER;
SUBJECT ENTERED EXPIRES REVIEW"
0 7, 2 GET FCIF5->CONTNUM

```

```

"XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
@ 7, 15 GET FCIF5->SUBJECT
PICTURE
@ 7, 49 GET FCIF5->ENTERED
@ 7, 59 GET FCIF5->EXPIRES
@ 7, 69 GET FCIF5->REVIEW
@ 10, 0 SAY "COMMENTS:"
@ 10, 11 GET FCIF5->COMMENT
@ 12, 5 SAY "ORIGINATOR: "
@ 12, 18 GET FCIF5->ORIGINATOR
STORE " " TO MRESPON

```

CASE CHOICE = 5

OPEN DATABASE FOR READ FILE ITEMS

```

USE FCIF5 INDEX FCIF5
CLEAR
MCOUNT = 1
LOCATE FOR .NOT. EOF()
? "CONT#      SUBJECT  ORIGINATOR"
? "_____";

```

```

DO WHILE FOUND()
IF MCOUNT <= 4
DISPLAY CONTNUM, SUBJECT,;
ORIGINATOR OFF
? "ENTERED:",ENTERED,"EXPIRES:";;
EXPIRES," REVIEW REQUIRED:",REVIEW
? "_____";

```

```

?
MCOUNT = MCOUNT + 1
CONTINUE
ELSE
WAIT " PRESS ANY KEY TO CONTINUE"
CLEAR
MCOUNT = 1
? "CONT#      SUBJECT  ORIGINATOR"
? "_____";

```

```

?
DISPLAY CONTNUM, SUBJECT,;
ORIGINATOR OFF
? "ENTERED:",ENTERED," EXPIRES:";;
EXPIRES," REVIEW REQUIRED:",REVIEW
? "_____";

```

```

?
MCOUNT = MCOUNT + 1
CONTINUE
ENDIF
ENDDO
STORE " " TO MCONTNUM
@ 23, 5 SAY "ENTER CONTROL NUMBER;
OF ITEM TO DELETE: " GET MCONTNUM
READ
CLEAR
LOCATE FOR CONTNUM = '&MCONTNUM'
DO WHILE FOUND()
@ 3, 2 SAY "FCIF VOLUME: ("
@ 3, 15 GET FCIF5->VOL
@ 3, 20 SAY ")"
@ 5, 2 SAY "CONTROL"

```

```

CLEAR GETS
MCONTNUM = CONTNUM

```

POSITIVE DECISION TO DELETE ITEM

```

@ 21, 5 SAY "IS THIS THE FCIF ITEM;
YOU WANT TO DELETE? "
@ 22, 5 SAY "(Y) FOR YES RETURN;
FOR NO: " GET MRESPON
READ
IF "Y" = '&MRESPON'
DELETE FOR CONTNUM = '&MCONTNUM'
PACK
RETURN
ELSE
ENDIF
ENDCASE

```

-----CLOSE ALL DATABASES-----

CLOSE DATABASES

REINITIALIZE CHOICE TO ZERO

CHOICE = 0

-----RETURN TO MAIN MENU-----

RETURN

 AF FORM 847 DELETE PROCEDURE

```

CLEAR
SET TALK OFF
STORE " " TO MNUMBER
STORE " " TO MNUM
USE F847 INDEX F847
CHOICE = 0
CLEAR
GOTO TOP
CLEAR
DISPLAY ALL UNIT,NUMBER, PUB, TITLE;
OFF
@ 24, 5 SAY "ENTER FORM 847 CONTROL;
NUMBER TO DELETE: " GET MNUMBER
READ
MNUM = MNUMBER
CLEAR
GOTO TOP
IF " " = '&MNUMBER'
CHOICE = 0
CLOSE DATABASES
RETURN
ELSE
LOCATE FOR NUMBER = TRIM(MNUMBER)
DO WHILE FOUND()
@ 1, 0 SAY "STATUS"
@ 1, 18 SAY "RECOMMENDATION FOR;
CHANGE OF PUBLICATION"
@ 2, 0 GET F847->STATUS;
@ 3, 34 SAY "DATE"
@ 3, 39 GET F847->DATE
@ 3, 50 SAY "UNIT/NUMBER"
@ 3, 62 GET F847->UNIT;
@ 3, 70 SAY "-"
@ 3, 71 GET F847->NUMBER
@ 5, 0 SAY "PUBLICATION NUMBER;
BASIC DATE REVISION/CHANGE;
DATE"
@ 6, 1 GET F847->PUB;
@ 6, 24 GET F847->BASDATE
@ 6, 45 GET F847->REVDATE
@ 8, 0 SAY "PAGE NUMBER;
MAJOR PARAGRAPH TITLE"
@ 9, 1 GET F847->PAGE
@ 9, 17 GET F847->TITLE;
@ 11, 0 SAY "SUB-PARAGRAPH TITLE;
ITEM NUMBER"
@ 12, 1 GET F847->SUBPAR;
@ 12, 55 GET F847->ITEMNUM
@ 14, 1 GET F847->CHANGE;
@ 14, 3 SAY "CHANGE"
@ 14, 12 GET F847->DELETE
@ 14, 14 SAY "DELETE SO MUCH;
OF"
@ 14, 39 GET F847->PAR;
@ 14, 41 SAY "PARAGRAPH"
@ 14, 53 GET F847->ITEM
@ 14, 55 SAY "ITEM"
@ 14, 62 GET F847->FIG;
@ 14, 64 SAY "FIGURE"
@ 16, 0 SAY "AS READS"
@ 16, 11 SAY "Press PgDn To View";
GET CURTEXT1
CLEAR GETS
?
```

```

?
?
WAIT " PRESS ANY KEY TO CONTINUE"
CLEAR
@ 1, 0 SAY "TO READ"
@ 2, 11 GET F847->PROPTXT
@ 9, 0 SAY "AFTER PRESENT"
@ 11, 20 GET F847->SENT;
@ 11, 22 SAY "SENTENCE"
@ 11, 37 GET F847->ITEM3;
@ 11, 39 SAY "ITEM"
@ 13, 0 SAY "AS READS"
@ 15, 11 GET F847->CURTEXT2
@ 22, 0 SAY "ADD NEW"
@ 22, 13 GET F847->PAR2;
@ 22, 15 SAY "PARAGRAPH"
@ 22, 28 GET F847->SENT2;
@ 22, 30 SAY "SENTENCE"
@ 22, 42 GET F847->ITEM4;
@ 22, 44 SAY "ITEM"
@ 22, 53 GET F847->FIG2;
@ 22, 55 SAY "FIGURE"
CLEAR GETS
WAIT " PRESS ANY KEY TO CONTINUE"
CLEAR
@ 1, 0 SAY "TO READ"
@ 2, 11 GET F847->CURTEXT3
@ 9, 0 SAY "REASON"
@ 11, 11 GET F847->REASON
@ 22, 0 SAY "ORGANIZATION"
@ 22, 14 GET F847->ORGAN;
@ 24, 0 SAY "NAME/GRADE OF;
ORIGINATOR"
@ 24, 27 GET F847->NAME;
CLEAR GETS
WAIT " PRESS ANY KEY TO CONTINUE"
CLEAR
@ 15, 10 SAY "IS THIS THE FORM 847
YOU WANT TO DELETE?"
CLEAR GETS
STORE " " TO MRESPON
@ 16, 10 SAY "(Y) FOR YES OR RETURN
FOR NO: " GET MRESPON
READ
IF "Y" = '&MRESPON'
DELETE FOR NUMBER = TRIM(MNUM)
PACK
CHOICE = 0
CLOSE DATABASES
ENDDO
RETURN
ELSE
CLOSE DATABASES
CHOICE = 0
ENDIF
RETURN
```

 INDIVIDUAL FORMAT FILE

```

0 1, 12 SAY "PERSONAL DATA;
GROUND PHASE REQUISITES"
0 3, 0 SAY "LAST NAME,;
FIRST MI. TYPE;
DATE SCORE"
0 4, 0 GET INDIV->LNAME;
PICTURE "01"
0 4, 19 GET INDIV->FNAME;
PICTURE "01"
0 4, 32 GET INDIV->MI;
PICTURE "01"
0 5, 0 SAY "ORGANIZATION;
CLOSED BOOK"
PICTURE "01"
0 6, 0 GET INDIV->ORGAN;
PICTURE "01"
0 7, 0 SAY "LOCATION;
EPE"
0 8, 0 GET INDIV->LOCAT;
PICTURE "01"
0 9, 0 SAY "RANK SSAN;
ACFT TYPE"
0 10, 0 GET INDIV->RANK;
PICTURE "01"
0 10, 10 GET INDIV->SSAN;
PICTURE '999-99-9999'
0 10, 22 GET INDIV->ACFT;
PICTURE "01"
0 11, 0 SAY "CREW POSITION"
0 12, 0 GET INDIV->POSITION;
PICTURE "01"
0 4, 42 SAY "OPEN BOOK"
0 4, 57 GET INDIV->OPENBOOK
0 4, 67 GET INDIV->SCORE1
0 5, 42 SAY "CLOSED BOOK"
0 5, 57 GET INDIV->CLOSEDBOOK
0 5, 67 GET INDIV->SCORE2
0 6, 42 SAY "INSTRUMENT"
0 6, 57 GET INDIV->INSTRUMENT
0 6, 67 GET INDIV->SCORE3
0 7, 42 SAY "INST EPE"
0 7, 57 GET INDIV->IEPE
0 7, 67 GET INDIV->SCORE4
0 8, 42 SAY "TACTICAL"
0 8, 57 GET INDIV->TACTEST
0 8, 67 GET INDIV->SCORE6
0 9, 42 SAY "TAC EPE"
0 9, 57 GET INDIV->TEPE
0 9, 67 GET INDIV->SCORE7
0 10, 42 SAY "CAPS/BOLD FACE"
0 10, 57 GET INDIV->CAPS
0 10, 67 GET INDIV->SCORE5
0 12, 49 SAY "FLIGHT EVALUATIONS"
0 14, 25 SAY "TYPE EXPIRATION;
ZONE"
0 15, 25 SAY "INST/QUAL"
0 15, 45 GET INDIV->EXPIRE1
0 15, 55 GET INDIV->ZONE1
0 16, 25 SAY "TACTICAL"
0 16, 45 GET INDIV->EXPIRE2
0 16, 55 GET INDIV->ZONE2
0 17, 25 SAY "MISSION"
0 17, 45 GET INDIV->EXPIRE3
0 17, 55 GET INDIV->ZONE3
  
```

```

0 18, 25 SAY "TAC/QUAL"
0 18, 45 GET INDIV->EXPIRE4
0 18, 55 GET INDIV->ZONE4
0 19, 25 SAY "QUALIFICATION"
0 19, 45 GET INDIV->EXPIRE5
0 19, 55 GET INDIV->ZONE5
0 20, 25 SAY "INSTRUCTOR"
0 20, 45 GET INDIV->EXPIRE6
0 20, 55 GET INDIV->ZONE6
0 21, 25 SAY "RIGHT/REAR LANDING"
0 21, 45 GET INDIV->REARLAND
  
```

 FCIF FORMAT FILE

```

0 3, 2 SAY "FCIF VOLUME ( )"
0 3, 15 GET FCIF->VOL
0 5, 2 SAY "STATUS PUBLICATION;
NUMBER DATE"
0 6, 4 GET FCIF->STATUS
0 6, 9 GET FCIF->TYPE;
PICTURE "01"
0 6, 17 GET FCIF->NUM;
PICTURE "####"
0 6, 22 SAY "-"
0 6, 23 GET FCIF->NUM2;
PICTURE "####"
0 6, 29 GET FCIF->VOLUMN;
0 6, 57 GET FCIF->DATE
0 8, 17 SAY " TITLE"
0 9, 17 GET FCIF->TITLE;
PICTURE "01"
0 11, 9 SAY "DATE ORDERED;
DATE RECEIVED"
0 12, 11 GET FCIF->ORDERED
0 12, 35 GET FCIF->RECEIVED
0 14, 9 SAY "QUANTITY ORDERED;
DISTRIBUTION"
0 15, 11 GET FCIF->QUANT
0 15, 35 GET FCIF->DIST
  
```

```

*****
*SUPEVAL DELETE PROCEDURE*
*****
*PROCEDURE TO DELETE A*
*--SUPPLEMENTARY EVALUATION ITEM--*
*---OPEN APPROPRIATE DATABASE---*
*----AND INDEX----*

USE SUPEVAL INDEX SUPEVAL
GOTO TOP
CLEAR

*DISPLAY TO SCREEN SUPPLEMENTARY*
*--EVALUATION AREAS--*
*ALLOW USER TO CHOSE AREA TO DELETE*

DISPLAY ALL AREA, OPR
STORE " " TO MAREA
@ 24, 0 SAY "ENTER AREA OF;
SUPPLEMENTARY EVALUATION TO VIEW: ";
GET MAREA
READ
CLEAR
LOCATE FOR AREA = '&MAREA'
DO WHILE FOUND()
*----FORMAT SCREEN----*
@ 1,0 SAY "SUPPLEMENTARY;
EVALUATIONS"
@ 3,5 SAY "STATUS OPR AREA"
@ 5,5 GET SUPEVAL->STATUS
@ 5,15 GET SUPEVAL->OPR
@ 5,47 GET SUPEVAL->AREA
@ 7,5 SAY "DATE LAST EVAL;
DATE NEXT DUE"
@ 9,8 GET SUPEVAL->DATEACC
@ 9,35 GET SUPEVAL->DATEDUE
@ 11,5 SAY "COMMENTS:"
@ 11,17 GET SUPEVAL->COMMENT
CLEAR GETS
STORE " " TO MRESPON
@ 15, 5 SAY "IS THIS THE AREA YOU;
WANT TO DELETE?"
@ 16, 5 SAY "(Y) FOR YES RETURN FOR;
NO: " GET MRESPON
READ

*POSITIVE DECISION TO DELETE AREA*
IF "Y" = '&MRESPON'
DELETE
PACK
CLOSE DATABASES
RETURN
ENDIF
ELSE
CHOICE = 0
CLOSE DATABASES
RETURN
ENDDO
*----REINITIALIZE CHOICE TO ZERO----*
CHOICE = 0
*----CLOSE ALL DATABASES----*
CLOSE DATABASES
*----RETURN TO MAIN MENU----*
RETURN

```

 FCIF SUPPLEMENT FORMAT FILE

```

0 3, 2 SAY "FCIF VOLUME ("
0 3, 15 GET FCIF2->VOL;
PICTURE "01"
0 3, 20 SAY ")"
0 5, 2 SAY "PUBLICATION"
0 6, 2 GET FCIF2->PUBNUM;
PICTURE "01"
0 9, 2 SAY "STATUS SUPPLEMENT;
DATE OF SUPPLEMENT ORDERED;
RECEIVED"
0 10, 4 GET FCIF2->STATUS
0 10, 9 GET FCIF2->SUP;
PICTURE "01"
0 10, 29 GET FCIF2->DATE
0 10, 46 GET FCIF2->ORDERED
0 10, 57 GET FCIF2->RECEIVED
  
```

 FCIF CHANGE FORMAT FILE

```

0 2, 2 SAY "FCIF VOLUME ("
0 2, 15 GET FCIF3->VOL;
PICTURE "01"
0 2, 20 SAY ")"
0 4, 2 SAY "PUBLICATION"
0 5, 2 GET FCIF3->PUBNUM;
PICTURE "01"
0 7, 28 SAY "CHANGE"
0 8, 2 SAY "STATUS CHANGE;
NUMBER DATE ORDERED;
RECEIVED"
0 9, 4 GET FCIF3->STATUS
0 9, 10 GET FCIF3->CHANGE;
PICTURE "01"
0 9, 27 GET FCIF3->DATE
0 9, 39 GET FCIF3->ORDERED
0 9, 51 GET FCIF3->RECEIVED
  
```

 FCIF CHANGE FORMAT FILE

```

0 2, 2 SAY "FCIF VOLUME ("
0 2, 15 GET FCIF3->VOL;
PICTURE "01"
0 2, 20 SAY ")"
0 4, 2 SAY "PUBLICATION"
0 5, 2 GET FCIF3->PUBNUM;
PICTURE "01"
0 7, 28 SAY "CHANGE"
0 8, 2 SAY "STATUS CHANGE;
NUMBER DATE ORDERED;
RECEIVED"
0 9, 4 GET FCIF3->STATUS
0 9, 10 GET FCIF3->CHANGE;
PICTURE "01"
0 9, 27 GET FCIF3->DATE
0 9, 39 GET FCIF3->ORDERED
0 9, 51 GET FCIF3->RECEIVED
  
```

 FCIF IMC FORMAT FILE

```

0 3, 2 SAY "FCIF VOLUME ("
0 3, 15 GET FCIF4->VOL;
PICTURE "01"
0 3, 20 SAY ")"
0 5, 2 SAY "PUBLICATION"
0 6, 2 GET FCIF4->PUBNUM;
PICTURE "01"
0 8, 2 SAY "STATUS IMC;
DATE ORDERED RECEIVED"
0 9, 4 GET FCIF4->STATUS
0 9, 10 GET FCIF4->IMC;
PICTURE "01"
0 9, 23 GET FCIF4->DATE
0 9, 34 GET FCIF4->ORDERED
0 9, 45 GET FCIF4->RECEIVED
  
```

 FCIF READ FILE FORMAT FILE

```

0 3, 2 SAY "FCIF VOLUME ("
0 3, 15 GET FCIF5->VOL
0 3, 20 SAY ")"
0 5, 2 SAY "CONTROL"
0 6, 2 SAY "NUMBER SUBJECT;
ENTERED EXPIRES REVIEW"
0 7, 2 GET FCIF5->CONTNUM
0 7, 15 GET FCIF5->SUBJECT;
PICTURE;
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
0 7, 49 GET FCIF5->ENTERED
0 7, 59 GET FCIF5->EXPIRES
0 7, 69 GET FCIF5->REVIEW
0 9, 2 SAY "RESCINDED"
0 9, 13 GET FCIF5->RESCIND
0 9, 25 SAY "DISPOSITION"
0 9, 37 GET FCIF5->DISPO;
PICTURE "01"
0 11, 0 SAY "COMMENTS:"
0 11, 11 GET FCIF5->COMMENT
0 13, 5 SAY "ORIGINATOR:"
0 13, 18 GET FCIF5->ORIGINATOR;
PICTURE "01"
  
```

 AF FORM 8 FORMAT FILE

```

0 0, 0 SAY "CONTROL NUMBER;
STATUS DATE COMPELETED"
0 1, 0 GET FORM8->CONTNUM
0 1, 30 GET FORM8->STATUS;
PICTURE "01"
0 1, 66 GET FORM8->COMPDATE
0 3, 0 SAY "LAST NAME, FIRST MI.;
RANK SSAN"
0 4, 0 GET INDIV->LNAME;
PICTURE "01"
0 4, 19 GET INDIV->FNAME;
PICTURE "01"
0 4, 32 GET INDIV->MI;
PICTURE "01"
0 4, 41 GET INDIV->RANK;
PICTURE "01"
0 4, 61 GET INDIV->SSAN
0 6, 0 SAY "ORGANIZATION/LOCATION;
ACFT/CREW POSITION ELIGIBILITY;
PERIOD"
0 7, 0 GET INDIV->ORGAN;
PICTURE "01"
0 7, 39 GET INDIV->ACFT;
PICTURE "01"
0 7, 61 GET FORM8->ELIGPER;
PICTURE "01"
0 8, 0 GET INDIV->LOCAT;
PICTURE "01"
0 8, 39 GET INDIV->POSITION;
PICTURE "01"
0 10, 14 SAY "GROUND PHASE;
FLIGHT PHASE"
0 11, 5 SAY "TYPE DATE;
SCORE TYPE DATE"
0 13, 0 GET FORM8->TEST1;
PICTURE "01"
0 13, 17 GET MTDAT1
0 13, 27 GET MSCORE1
0 13, 41 GET FORM8->FLT1;
PICTURE "01"
0 13, 62 GET FORM8->DATE1
0 14, 0 GET FORM8->TEST2;
PICTURE "01"
0 14, 17 GET MTDAT2
0 14, 27 GET MSCORE2
0 14, 41 GET FORM8->FLT2;
PICTURE "01"
0 14, 62 GET FORM8->DATE2
0 15, 0 GET FORM8->TEST3;
PICTURE "01"
0 15, 17 GET MTDAT3
0 15, 27 GET MSCORE3
0 15, 41 GET FORM8->FLT3;
PICTURE "01"
0 15, 62 GET FORM8->DATE3
0 16, 0 GET FORM8->TEST4;
PICTURE "01"
0 16, 17 GET MTDAT4
0 16, 27 GET MSCORE4
0 16, 41 GET FORM8->FLT4;
PICTURE "01"
0 16, 62 GET FORM8->DATE4
0 17, 0 GET FORM8->TEST5;
PICTURE "01"

```

```

0 17, 17 GET MTDATES
0 17, 27 GET MSCORES
0 17, 41 GET FORM8->FLT5;
PICTURE "01"
0 17, 62 GET FORM8->DATE5
0 18, 30 SAY "RESTRICTION;
ADDITIONAL TRAINING DUE DATES"
0 20, 30 SAY "YES NO"
0 21, 31 GET FORM8->RESTY;
PICTURE "01"
0 21, 39 GET FORM8->RESTN;
PICTURE "01"
0 20, 55 SAY "EPE:"
0 20, 60 GET FORM8->ADDTRN1
0 21, 55 SAY "FLT:"
0 21, 60 GET FORM8->ADDTRN2
0 22, 8 SAY "EXPIRATION DATE;
ADDITIONAL TRAINING COMPLETE DATES"
0 23, 5 GET FORM8->EXPI
0 23, 45 GET FORM8->ADDCOMP1
0 23, 59 GET FORM8->ADDCOMP2
READ
0 1, 0 SAY "COMMENTS: "
0 2, 5 GET FORM8->COMMENTS;
PICTURE "01"
0 3, 5 GET FORM8->COMMENT1
0 4, 0 SAY "FLIGHT EXAMINER;
ORGANIZATION"
0 5, 0 GET FORM8->RANK1;
PICTURE "01"
0 6, 0 GET FORM8->EXAMINER;
PICTURE "01"
0 6, 35 GET FORM8->ORGAN1;
PICTURE "01"
0 7, 0 SAY "REVIEWING OFFICER"
0 8, 0 GET FORM8->RANK2;
PICTURE "01"
0 9, 0 GET FORM8->REVIEWER;
PICTURE "01"
0 9, 35 GET FORM8->ORGAN2;
PICTURE "01"
0 10, 0 SAY "APPROVING OFFICER"
0 11, 0 GET FORM8->RANK3;
PICTURE "01"
0 12, 0 GET FORM8->APPROVER;
PICTURE "01"
0 12, 35 GET FORM8->ORGAN3;
PICTURE "01"
0 15, 15 SAY "PRESS ANY KEY TO;
CONTINUE TO REVERSE SIDE"
READ
0 0,0 SAY "IV. Examiner's Remarks:"
0 1, 0 GET FORM8->EXAMREM
0 5, 5 SAY "PRESS Pg Dn to enter;
memo"

```

 BACK OF AF FORM 8 FORMAT FILE

```

CLEAR
0 0,5 say "C. Recommended;
Additional Training:"
0 3,5 GET FORM8->SEC456
0 5,5 say "PRESS Pg Dn to enter;
memo"

```

 DEFAULT SCREEN FORMAT

```

0 2,5 SAY "Enter type evaluation: "
0 2,29 GET TYPE_EVA->TYPE;
PICTURE "0!"
0 3,5 SAY "Enter type description:"
0 3,32 GET TYPE_EVA->DESCRIP;
PICTURE "0!"
0 4,5 SAY "Enter type zone;
17 OR 12:"
0 4,45 GET TYPE_EVA->ZONE
0 5,5 SAY "Is a flight evaluation;
required?"
0 5,40 GET TYPE_EVA->FLT_REQ;
PICTURE "IL"
0 6,5 SAY "Is an EPE evaluation;
required?"
0 6,38 GET TYPE_EVA->EPE_REQ;
PICTURE "IL"
0 7,5 SAY "Is an open book exam;
required?"
0 7,38 GET TYPE_EVA->OBX_REQ;
PICTURE "IL"
0 8,5 SAY "Is a closed book exam;
required?"
0 8,39 GET TYPE_EVA->CBX_REQ;
PICTURE "IL"
0 9,5 SAY "Is an instrument exam;
required?"
0 9,39 GET TYPE_EVA->INX_REQ;
PICTURE "IL"
0 10,5 SAY "Is a tactical exam;
required?"
0 10,37 GET TYPE_EVA->TAC_REQ;
PICTURE "IL"
0 11,5 SAY "Is a CAPs or Bold Face;
required?"
0 11,41 GET TYPE_EVA->BF_CAP_REQ;
PICTURE "IL"
0 12,5 SAY "Is a publications check;
required?"
0 12,42 GET TYPE_EVA->PUBCK_REQ;
PICTURE "IL"
0 13,5 SAY "Is IRC required?"
0 13,24 GET TYPE_EVA->IRC_REQ;
PICTURE "IL"
0 14,5 SAY "Does this evaluation;
update current zone?"
0 14,49 GET TYPE_EVA->UPDATE;
PICTURE "IL"
0 15,5 SAY "Is a Right or Rear seat;
landing required?"
0 15,48 GET TYPE_EVA->RLAND;
PICTURE "IL"
0 18,5 SAY "Use Pg Up/Pg Dn to;
scroll types of evaluations."
0 19,5 SAY "PRESS "W" TO SAVE ANY;
CHANGES AND EXIT."

```

 ACTION ITEM FORMAT FILE

```

0 2, 1 SAY "STATUS;
TITLE OPENED;
CLOSED CONTROL"
0 3, 68 SAY "NUMBER"
0 4, 1 GET ACTION->STATUS;
PICTURE "0!"
0 4, 9 GET ACTION->TITLE;
PICTURE "0!"
0 4, 50 GET ACTION->OPENED
0 4, 59 GET ACTION->CLOSED
0 4, 68 GET ACTION->CONTNUM;
PICTURE "0!"
0 6, 1 SAY "ORIGINATOR: "
0 6, 15 GET ACTION->ORIGIN;
PICTURE "0!"
0 7, 0 SAY "(PRESS "Pg Dn to;
enter memo then exit word processor;
normally)"
0 8, 0 SAY "DISCUSSION"
0 8, 12 GET ACTION->DISCUSSION

```

 SUP EVAL FORMAT FILE

```

0 1,0 SAY "SUPPLEMENTARY;
EVALUATIONS"
0 3,5 SAY "STATUS OPR;
AREA"
0 5,5 GET SUPEVAL->STATUS;
PICTURE "0!"
0 5,15 GET SUPEVAL->OPR;
PICTURE "0!"
0 5,47 GET SUPEVAL->AREA;
PICTURE "0!"
0 7,5 SAY "DATE LAST EVAL;
DATE NEXT DUE"
0 9,8 GET SUPEVAL->DATEACC
0 9,35 GET SUPEVAL->DATEDUE
0 11,5 SAY "COMMENTS:"
0 11,17 GET SUPEVAL->COMMENT
0 15,5 SAY "{PRESS "Pg Dn to enter;
memo then exit word processor;
normally}"

```

 AF FORM 847 FORMAT FILE

```

0 1, 0 SAY "STATUS"
0 1, 18 SAY "RECOMMENDATION FOR;
CHANGE OF PUBLICATION"
0 2, 0 GET F847->STATUS;
PICTURE "01"
0 3, 34 SAY "DATE"
0 3, 39 GET F847->DATE
0 3, 50 SAY "UNIT/NUMBER"
0 3, 62 GET F847->UNIT;
PICTURE "01"
0 3, 70 SAY "-"
0 3, 71 GET F847->NUMBER
0 5, 0 SAY "PUBLICATION NUMBER;
BASIC DATE REVISION/CHANGE;
DATE"
0 6, 1 GET F847->PUB;
PICTURE "01"
0 6, 24 GET F847->BASDATE
0 6, 45 GET F847->REVDAT
0 8, 0 SAY "PAGE NUMBER;
MAJOR PARAGRAPH TITLE"
0 9, 1 GET F847->PAGE
0 9, 17 GET F847->TITLE;
PICTURE "01"
0 11, 0 SAY "SUB-PARAGRAPH TITLE;
ITEM NUMBER"
0 12, 1 GET F847->SUBPAR;
PICTURE "01"
0 12, 55 GET F847->ITEMNUM;
PICTURE "01"
0 14, 1 GET F847->CHANGE;
PICTURE "01"
0 14, 3 SAY "CHANGE"
0 14, 12 GET F847->DELETE;
PICTURE "01"
0 14, 14 SAY "DELETE SO MUCH;
OF"
0 14, 39 GET F847->PAR;
PICTURE "01"
0 14, 41 SAY "PARAGRAPH"
0 14, 53 GET F847->ITEM;
PICTURE "01"
0 14, 55 SAY "ITEM"
0 14, 62 GET F847->FIG;
PICTURE "01"
0 14, 64 SAY "FIGURE"
0 16, 0 SAY "AS READS"
0 16, 11 SAY "Press 'PgDn To View';
GET CURTEXT1
READ
0 1, 0 SAY "TO READ"
0 2, 11 GET F847->PROPTXT
0 9, 0 SAY "AFTER PRESENT"
0 11, 20 GET F847->SENT;
PICTURE "01"
0 11, 22 SAY "SENTENCE"
0 11, 37 GET F847->ITEM3;
PICTURE "01"
0 11, 39 SAY "ITEM"
0 13, 0 SAY "AS READS"
0 15, 11 GET F847->CURTEXT2
0 22, 0 SAY "ADD NEW"
0 22, 13 GET F847->PAR2;
PICTURE "01"

```

```

0 22, 15 SAY "PARAGRAPH" PICTURE "01"
0 22, 28 GET F847->SENT2; 0 22, 30 SAY "SENTE
0 22, 42 GET F847->ITEM4;
PICTURE "01"
0 22, 44 SAY "ITEM"
0 22, 53 GET F847->FIG2;
PICTURE "01"
0 22, 55 SAY "FIGURE"
READ
0 1, 0 SAY "TO READ"
0 2, 11 GET F847->CURTEXT3
0 9, 0 SAY "REASON"
0 11, 11 GET F847->REASON
0 22, 0 SAY "ORGANIZATION"
0 22, 14 GET F847->ORGAN;
PICTURE "01"
0 24, 0 SAY "NAME/GRADE OF;
ORIGINATOR"
0 24, 27 GET F847->NAME;
PICTURE "01"
READ
0 2, 21 SAY "(REVERSE SIDE OF AF;
FORM 847)"
0 4, 24 SAY "1ST INDORSEMENT"
0 5, 0 SAY "TO"
0 5, 4 GET F847->T01;
PICTURE "01"
0 5, 32 SAY "FROM"
0 5, 39 GET F847->FROM1;
PICTURE "01"
0 7, 4 GET F847->CONCUR1;
PICTURE "01"
0 7, 6 SAY "CONCUR"
0 7, 39 GET F847->NOCONCUR1;
PICTURE "01"
0 7, 41 SAY "DO NOT CONCUR"
0 9, 0 SAY "REMARKS"
0 9, 11 GET F847->REMARKS1
0 13, 0 SAY "DATE"
0 13, 6 GET F847->DATE2
0 13, 17 SAY "NAME/GRADE/TITLE"
0 13, 35 GET F847->NAME2;
PICTURE "01"
0 15, 24 SAY "2ND INDORSEMENT"
0 17, 1 SAY "TO"
0 17, 5 GET F847->T02;
PICTURE "01"
0 17, 33 SAY "FROM"
0 17, 39 GET F847->FROM2;
PICTURE "01"
0 19, 5 GET F847->CONCUR2;
PICTURE "01"
0 19, 7 SAY "CONCUR"
0 19, 39 GET F847->NOCONCUR2;
PICTURE "01"
0 19, 41 SAY "DO NOT CONCUR"
READ
0 1, 1 SAY "REMARKS"
0 3, 10 GET F847->REMARKS2
0 8, 0 SAY "DATE"
0 8, 6 GET F847->DATE3
0 8, 18 SAY "NAME/GRADE/TITLE"
0 8, 36 GET F847->NAME3;
PICTURE "01"
0 10, 24 SAY "3RD INDORSEMENT"
0 12, 1 SAY "TO"
0 12, 5 GET F847->T03;
PICTURE "01"

```

```

0 12, 33 SAY "FROM"
0 12, 39 GET F847->FROM3;
PICTURE "01"
0 13, 5 GET F847->CONCUR3;
PICTURE "01"
0 13, 7 SAY "CONCUR"
0 13, 39 GET F847->NOCONCUR3;
PICTURE "01"
0 13, 41 SAY "DO NOT CONCUR"
0 15, 2 SAY "REMARKS"
0 17, 11 GET F847->REMARKS3
0 22, 1 SAY "DATE"
0 22, 7 GET F847->DATE4
0 22, 19 SAY "NAME/GRADE/TITLE"
0 22, 37 GET F847->NAME4;
PICTURE "01"
READ
0 1, 24 SAY "4TH INDORSEMENT"
0 3, 2 SAY "TO"
0 3, 6 GET F847->T04;
PICTURE "01"
0 3, 34 SAY "FROM"
0 3, 40 GET F847->FROM4;
PICTURE "01"
0 5, 6 GET F847->CONCUR4;
PICTURE "01"
0 5, 8 SAY "CONCUR"
0 5, 40 GET F847->NOCONCUR4;
PICTURE "01"
0 5, 42 SAY "DO NOT CONCUR"
0 7, 2 SAY "REMARKS"
0 9, 11 GET F847->REMARKS4
0 13, 1 SAY "DATE"
0 13, 7 GET F847->DATE5
0 13, 19 SAY "NAME/GRADE/TITLE"
0 13, 37 GET F847->NAME5;
PICTURE "01"

```

FLIGHT DISCREPANCY FORMAT FILE

```

0 3, 3 SAY "AREA # AREA NAME;
GRADE DESCRIPTION"
0 4, 2 GET FLTDIS->AREA
0 4, 8 GET FLTDIS->SUBAREA
0 4, 11 GET FLTDIS->AREANAME
0 4, 43 GET FLTDIS->GRADE;
PICTURE "01"
0 4, 50 GET FLTDIS->DISCREP
0 10, 5 SAY "PRESS Pg Dn TO;
ENTER MEMO AND Pg Up TO EXIT MEMO"
0 11, 5 SAY "PRESS END TO EXIT;
AND SAVE DISCREPANCY"
0 13, 5 SAY "EDITING FLIGHT;
EVALUATION DISCREPANCY"

```

EPE DISCREPANCY FORMAT FILE

```

0 2, 3 SAY "AREA # AREA NAME;
GRADE DESCRIPTION"
0 3, 2 GET EPEDIS->AREA
0 3, 8 GET EPEDIS->SUBAREA
0 3, 12 GET EPEDIS->AREANAME
0 3, 44 GET EPEDIS->GRADE;
PICTURE "01"
0 3, 54 GET EPEDIS->DISCREP
0 10, 5 SAY "PRESS Pg Dn TO ENTER;
MEMO AND Pg Up TO EXIT MEMO"
0 11, 5 SAY "PRESS END TO SAVE;
AND EXIT DISCREPANCY"
0 13, 5 SAY "EDITING EMERGENCY;
PROCEDURES DISCREPANCY"

```

WSO FLIGHT DISCREPANCY FORMAT

```

0 5,5 SAY "AREA# SUBAREA AREANAME"
0 7,5 GET FLTWUPS->AREA
0 7,12 GET FLTWUPS->SUBAREA
0 7,21 GET FLTWUPS->AREANAME

```

WSO EPE DISCREPANCY FORMAT FILE

```

0 5,5 SAY "AREA# SUBAREA AREANAME"
0 7,5 GET EPEWUPS->AREA
0 7,12 GET EPEWUPS->SUBAREA
0 7,21 GET EPEWUPS->AREANAME

```

WSO FLIGHT DISCREPANCY FORMAT

```

0 5,5 SAY "AREA# SUBAREA AREANAME"
0 7,5 GET WFLTUPS->AREA
0 7,12 GET WFLTUPS->SUBAREA
0 7,21 GET WFLTUPS->AREANAME

```

WSO EPE DISCREPANCY FORMAT FILE

```

0 5,5 SAY "AREA# SUBAREA AREANAME"
0 7,5 GET WEPWUPS->AREA
0 7,12 GET WEPWUPS->SUBAREA
0 7,21 GET WEPWUPS->AREANAME

```

 FCIF TECH ORDER FORMAT FILE

```

0 2, 2 SAY "FCIF VOLUME (    )"
0 2, 15 GET TECHORD->VOL
0 4, 2 SAY "STATUS TECH ORDER;
NUMBER      DATE"
0 5, 4 GET TECHORD->STATUS
0 5, 9 GET TECHORD->PUBNUM;
PICTURE "01"
0 5, 15 GET TECHORD->PUB2;
PICTURE "01"
0 5, 21 GET TECHORD->PUB3;
PICTURE "01"
0 5, 27 GET TECHORD->PUB4;
PICTURE "01"
0 5, 33 GET TECHORD->PUB5;
PICTURE "01"
0 7, 38 SAY "TITLE"
0 8, 25 GET TECHORD->TITLE;
PICTURE "01"
0 5, 57 GET TECHORD->DATE
0 10, 9 SAY "DATE ORDERED;
DATE RECEIVED"
0 11, 11 GET TECHORD->ORDERED
0 11, 35 GET TECHORD->RECEIVED
0 13, 9 SAY "QUANTITY ORDERED;
DISTRIBUTION"
0 14, 11 GET TECHORD->QUANT
0 14, 35 GET TECHORD->DIST

```

Appendix B: Glossary of Acronyms

AAC	Alaskan Air Command
AF	Air Force
AFIT	Air Force Institute of Technology
AFR	Air Force Regulation
AFRES	Air Force Reserves
ANG	Air National Guard
ANGB	Air National Guard Bureau
FCIF	Flight Crew Information File
HQ TAC/DOV	Headquarters Tactical Air Command Directorate of Standardization/Evaluation
MAC	Military Airlift Command
MAJCOM	Major Air Command
MCR	Multi Command Regulation
PACAF	Pacific Air Command Air Forces
RAM	Read and Access Memory
SAC	Strategic Air Command
SEFE	Standardization Evaluation Flight Examiner
TAC	Tactical Air Command
TACR	Tactical Air Command Regulation
TAF	Tactical Air Forces
TFG	Tactical Fighter Group
TFW	Tactical Fighter Wing
USAFE	United States Air Forces Europe

Appendix C: Definitions of Terms

anomalies	Deviations from what would normally be expected.
compiled	Computer source code which has been converted to machine language code.
database	A set of logically related files.
default setting	Settings which will be entered unless changed by the user.
field	One item of information in a database file.
file	A set of related information which makes up a database.
floppy disk	A removable flexible magnetic storage device for microcomputers.
hard disk	A non-removeable magnetic storage device for microcomputers generally with large storage capacity.
hardware	Computer components such as circuit boards, disk drives, etc.
modem	Specialized computer hardware which allows the computer to transmit and receive information over common telephone lines.
record	A set of information fields which are related uniquely.
requisite	Any requirement which must be accomplished for a flight evaluation to be considered complete.
screen prompts	Questions or choices which require a keyboard input from the user.
software	Computer applications programs.

source code

Computer code written in a higher level language which is more easily comprehended by humans.

user-friendly

Computer applications which are easy for a novice or expert computer user to operate.

Appendix D: Interview Questions and
Ninth Air Force Stan/Eval Conference Handout

Interview Questions for unit Chiefs of Standardization/
Evaluation

1. What type of computer do have have access to in your office?
2. How many floppy disk drives does your computer have?
3. What size hard drive does your computer have if applicable?
4. How much memory does your computer have?
5. What type print does your office have?
6. What type of applications programs do you use?
7. On a scale from zero to five with zero being no experience and five being expert what is the computer experience level of your office?
8. Have you made any attempts to automate the stan/eval management function?
9. Would you use an automated management system if one were available?
10. What areas would you most like to see automated?
11. Do you have dedicated secretarial help in your office?

The remainder of Appendix D consists of a handout that was distributed to each participant at the 1988 Ninth Air Force Standardization/Evaluation Conference. Comments were solicited and the handouts collected at the close of the conference.

1988 9AF STANDARDIZATION EVALUATION CONFERENCE

STAN/EVAL MANAGEMENT PROGRAM PRESENTATION

CAPTAIN BOBBY M. ROBINSON, AFIT/LS

Please use these forms to make any notes or suggestions on program items you would like to see done better or made easier to use. Also make notes on any item that seems to be confusing. Return this package to Capt Robinson after the presentation and hands on demonstration. Your cooperation is appreciated.

STAN / EVAL MANAGEMENT PROGRAM	
1. ADD DATA	2. CHANGE DATA
3. VIEW DATA	4. DELETE DATA
5. PRINT OPTIONS	6. TESTING PROGRAM
7. EXIT PROGRAM	

ENTER CHOICE 0

ADD DATA
1. INDIVIDUAL
2. FCIF
3. AF FORM 847
4. AF FORM 8
5. ACTION ITEMS
6. SUPPLEMENTARY EVALUATIONS
PRESS RETURN FOR MAIN MENU

ENTER CHOICE 0

PERSONAL DATA			GROUND PHASE REQUISITES		
LAST NAME,	FIRST	MI	TYPE	DATE	SCORE
ORGANIZATION			OPEN BOOK	/ /	
			CLOSED BOOK	/ /	
LOCATION			INSTRUMENT	/ /	
			EPE	/ /	
RANK	SSAN	ACFT TYPE	BOLD FACE	/ /	
CREW POSITION			FLIGHT EVALUATIONS		
			TYPE	EXPIRATION DATE	
			INSTRUMENT	/ /	
			QUALIFICATION	/ /	
			TACTICAL	/ /	
			MISSION	/ /	
			INSTRUCTOR	/ /	
			OTHER	/ /	
PRESS ANY KEY TO CONTINUE					

ADD FCIF ITEMS

1. PUBLICATION
2. SUPPLEMENT
3. CHANGE
4. IMC
5. READ FILE ITEM
6. RETURN TO MAIN MENU

ENTER CHOICE 0

CHANGE DATA

1. INDIVIDUAL
 2. FCIF
 3. AF FORM 847
 4. AF FORM 8
 5. ACTION ITEMS
 6. SUPPLEMENTARY EVALUATION
- PRESS RETURN FOR MAIN MENU

ENTER CHOICE 0

VIEW DATA

1. INDIVIDUAL
 2. AF FORM 8
 3. AF FORM 847
 4. FCIF INDEX
 5. OPEN ACTION ITEMS
 6. TRENDS
 7. SEFE OBJECTIVITY
 8. REQUISITES/EVALUATIONS DUE
 9. SUPPLEMENTARY EVALUATIONS
- PRESS RETURN FOR MAIN MENU

ENTER CHOICE 0

DELETE DATA

1. INDIVIDUAL
 2. FCIF
 3. AF FORM 847
 4. AF FORM 8
 5. ACTION ITEM
 6. SUPPLEMENTARY EVALUATION
- PRESS RETURN FOR MAIN MENU

ENTER CHOICE 0

PRINT OPTIONS

1. NOTIFICATION LETTERS
2. AF FORM 8
3. BOARD NOTIFICATION LETTERS
4. BOARD MINUTES
5. FCIF INDEX
6. TREND SUMMARY
7. AF FORM 847

ENTER CHOICE 0

Appendix E: User's Guide
STAN/EVAL MANAGEMENT PROGRAM
version 1.0

Copyright Bobby M. Robinson 1988

RESTRICTED RIGHTS WARNING

Stan/Eval Management Program is a copyrighted package designed for the exclusive use of the United States Military, and is protected by U.S. Copyright Law (Title 17 United States Code). Unauthorized reproduction and/or sales may result in imprisonment of up to ONE YEAR, and fines of up to \$10,000 (17 USC 506). Copyright infringers may also be subject to civil liability.

DISCLAIMER OF WARRANTY

This software and manual is distributed without any express or implied warranties whatsoever. Because of the diversity of conditions and hardware under which this program may be used, no warranty of fitness for use is offered. The user is advised to test the program thoroughly before relying on it. The user must assume the entire risk of using the program.

System Requirements

Hardware requirements include a PC-compatible microcomputer with 256K RAM, one floppy disk drive, and a hard disk drive, a monitor, and a system compatible printer capable of single sheet feed.

Software requirements include dBase III Plus, and MS-DOS 2.1 or higher. And an optional word processing text editor.

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Trademarks	4
Add Data	4
Change Data	5
View Data	6
Delete Data	6
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Introduction

The Stan/Eval Management Program is an easy-to-use program designed to aid U.S. Air Force standardization/evaluation officers in management of this functional area. The program is designed to track requirements and produce require documentation for effective program management.

Installation

Before beginning to use this program, you must first install dBase III Plus in a system subdirectory or set the default path to the program subdirectory. An example of how to accomplish this follows. Type <md DBASE>, <RETURN>, <cd DBASE>, <RETURN>. Now follow the dBase installation procedures that came with the dBase manual. Once dBase is properly installed insert program disk one in Drive A, and type <copy a:*. *>. Next, insert program disk two in Drive A, and type <copy a:*. *>. If a word processing program is to be used such as WordStar it must also be installed in this directory. Install the TAC Testing Program in this directory using the appropriate procedures.

Using a line editor modify the existing config.sys file or create a new config.sys file. The config.sys file must have the following to lines <files = 30> and <buffers = 30>. If there are memory resident programs installed the TAC Testing program cannot be accessed through the management program.

Copy or create the following text files in this directory:

INST.LTR, TAC.LTR, MISSION.LTR, and BOARD.LTR

Trademarks

dBase III Plus is a registered trademark of Ashton-Tate

WordStar is a registered trademark of MicroPro International Corp.

MS-DOS is a registered trademark of Microsoft Corporation.

WARNING

Only exit the program from the Main Menu exit option. Any attempt to exit at other positions could result in damage to data files and loss of data.

WARNING

If advanced dBase III Plus data editing is used insure the proper data files and indexes are opened to prevent improper program execution in the menu driven mode.

ADD DATA

When adding records the program will in most instances automatically step to a blank record upon pressing <RETURN> at the end of the current record. When in the add data mode pressing <RETURN> with the screen cursor in the first position of the first field of a blank record will return you to the main menu.

NOTE

The program will only accept dates in the day/month/year format. For example, 06/05/88 would be interpreted as 6 May 88.

CAUTION

If manually entering individual data insure data is entered in the same format as computer generated data i.e. enter eligibility periods as "OCT 88 - MAR 89".

WARNING

DO NOT change the computer generated AF form 8 control number. Attempting to change this control number could result in more than one record being assigned the same number and in effect cause data to be lost.

When adding FCIF data an understanding of the program structure is helpful to insure data is properly indexed for retrieval. The program is designed to display FCIF data in the following order: Basic Publication, Supplements, Changes, and IMCs. If there is a change to a TAC Sup 1, the change should be entered as a supplement i.e. TAC Sup 1 CH 1. This method will insure FCIF indexes are viewed and printed in the proper order. Also, if dates of publications are not entered "0 UNKNOWN" will be displayed and printed on the index. Read file item control numbers should be entered as two digit numbers i.e. 01, 02 etc.

Change Data

When editing an AF form 8 DO NOT enter a date in the date flight phase completed field if a date has previously been entered. All Cautions, Warnings, and Notes mentioned in the Add Data section also apply in the Change Data Section.

View Data

When in the View Data mode no data may be entered or changed. This mode is strictly used to view on the screen what is in a particular record.

NOTE

Any view screen may be printed by pressing <Shift> then <PrtSc>.

Delete Data

WARNING

When data is deleted through this menu option that data is lost forever. Data may not be recovered after deleting with this option.

Print Options

WARNING

DO NOT interrupt the program when printing. In the event an interruption does occur and you find yourself at the dBase III Plus Dot Prompt type the following:

```
"SET PRINT OFF" <RETURN>
"SET CONSOLE ON" <RETURN>
"SET DEVICE TO SCREEN" <RETURN>
"DO MENU" <RETURN>
```

These commands will return control of the printer to you and return you to the Main Menu.

Set Defaults

The user must initialize the default values prior to attempting to create an AF Form 8. Failure to create the desired defaults will result in program errors.

Bibliography

1. Ashton-Tate. Programming With dBase III Plus. Torrance CA: Ashton-Tate, 1985.
2. Ashton-Tate. Using dBase III Plus. Torrance CA: Ashton-Tate, 1985.
3. Askins, Major Edward, Chief, Standardization/Evaluation Division. Telephone/Personal Interviews. HQ 906 TFG, Wright-Patterson AFB OH, 1988.
4. Cain, Major Richard S., Chief, Standardization/Evaluation Division. Telephone/Personal Interviews. HQ 169 TFG, McEntire ANGB SC, 1988.
5. Carrabis, Joseph-David. dBase III Plus: The Complete Reference. Berkeley: McGraw-Hill Inc., 1987.
6. DeMont, Lt Col Leon, Chief, Standardization/Evaluation Division. Telephone/Personal Interviews. HQ 347 TFW, Moody AFB GA, 1988.
7. Emory, William C. Business Research Methods (Third Edition). Homewood IL: Richard d. Irwin Inc., 1985.
8. Juran J. M. and Gryna Frank M. Jr. Quality Planning and Analysis (Second Edition). New York: McGraw-Hill Inc., 1980.
9. Liskin, Miriam. Advanced dBase III Plus Programming and Techniques. Berkeley: Osborne McGraw-Hill Inc., 1987.
10. Lohnes, Major Richard L., Chief, Standardization/Evaluation Division. Telephone/Personal Interviews. HQ 178 TFG, Springfield-Beckley MAP OH, 1988.
11. Mosbey, Col James S. Ninth Air Force Standardization/Evaluation Formal Visit Report. Unpublished report 56 TFW. Shaw AFB SC, 1987.
12. Mosbey, Col James S. Ninth Air Force Standardization/Evaluation Formal Visit Report. Unpublished report 108 TFW. Shaw AFB SC, 1987.
13. Mosbey, Col James S. Ninth Air Force Standardization/Evaluation Formal Visit Report. Unpublished report 111 TASG. Shaw AFB SC, 1985.

14. Mosbey, Col James S. Ninth Air Force Standardization/Evaluation Formal Visit Report. Unpublished report 127 TFW. Shaw AFB SC, 1987.
15. Mosbey, Col James S. Ninth Air Force Standardization/Evaluation Formal Visit Report. Unpublished report 159 TFG. Shaw AFB SC, 1986.
16. Mosbey, Col James S. Ninth Air Force Standardization/Evaluation Formal Visit Report. Unpublished report 169 TFG. Shaw AFB SC, 1986.
17. Mosbey, Col James S. Ninth Air Force Standardization/Evaluation Formal Visit Report. Unpublished report 180 TFG. Shaw AFB SC, 1986.
18. Mosbey, Col James S. Ninth Air Force Standardization/Evaluation Formal Visit Report. Unpublished report 187 TFG. Shaw AFB SC, 1986.
19. Oberle, Lt Col Joseph L. Ninth Air Force Standardization/Evaluation Formal Visit Report. Unpublished report 187 TFG. Shaw AFB SC, 1986.
20. Peschke, Richard E. "Information Management," Military Logistics, edited by Fredrick W. Westfall et al. Dayton: Air Force Institute of Technology, 1987.
21. Poronsky, Major Jack A., Chief, Standardization/Evaluation Division. Telephone/Personal Interviews. HQ 127 TFW, Selfridge ANGB MI, 1988.
22. Simpson, Alan. Understanding dBase III Plus. Berkeley: Sybex Inc., 1986.

Vita

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➤ The purpose of this study was to determine the feasibility of developing a microcomputer based system for use by unit level standardization/evaluation officers. Unit chiefs of standardization/evaluation were interviewed, and a list of requirements identified. An applications program was developed and demonstrated at the annual Ninth Air Force Standardization/Evaluation conference using dBase III Plus. The program was modified then tested and validated at a Tactical Fighter unit. The program developed meets or exceeds the needs identified during the research process.

The resulting software program is an easy to install, easy to use, data base management information system. The program requires virtually no computer expertise by the user, and entails almost no training. The system operates on a PC-compatible microcomputer which runs dBase III Plus, has one hard disk drive, one floppy disk drive, a monitor, and a printer.

Although designed specifically for Tactical Air Command, other MAJCOMs could adopt the program with only minor or no modifications. Improvements in both man-hour requirements and accuracy could be expected through implementation of this program. (Theses, jld) ➤

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