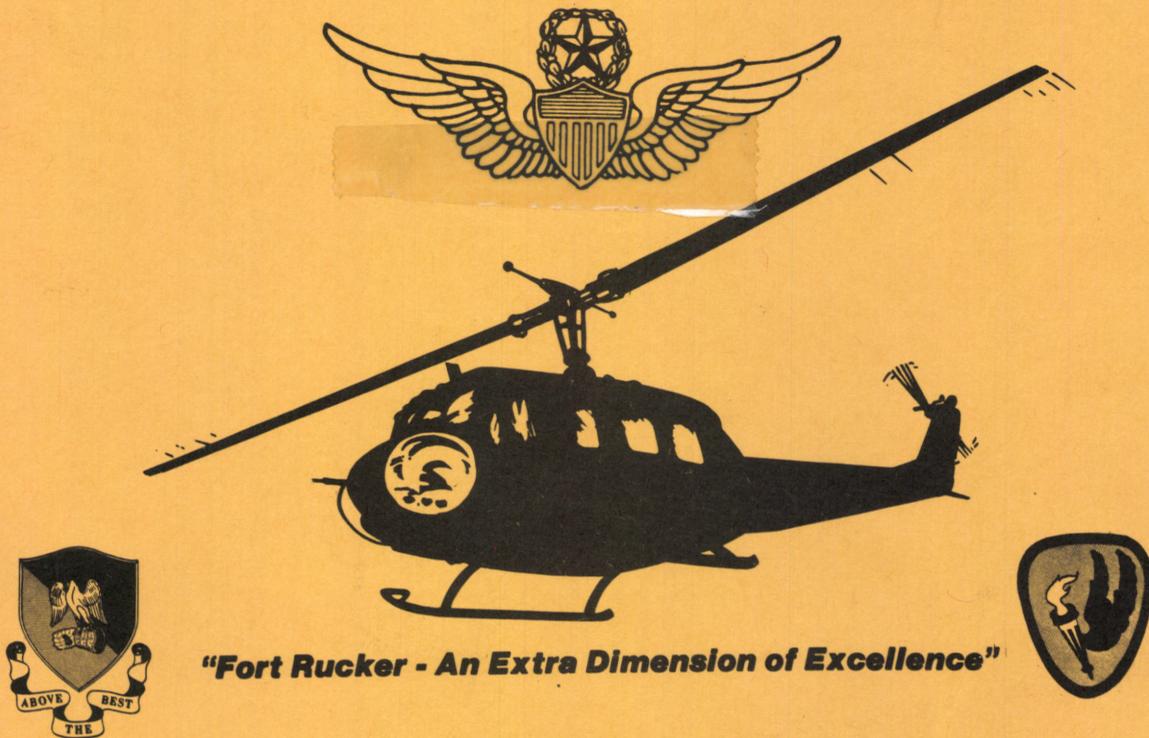


# US ARMY AVIATION CENTER



**"Fort Rucker - An Extra Dimension of Excellence"**

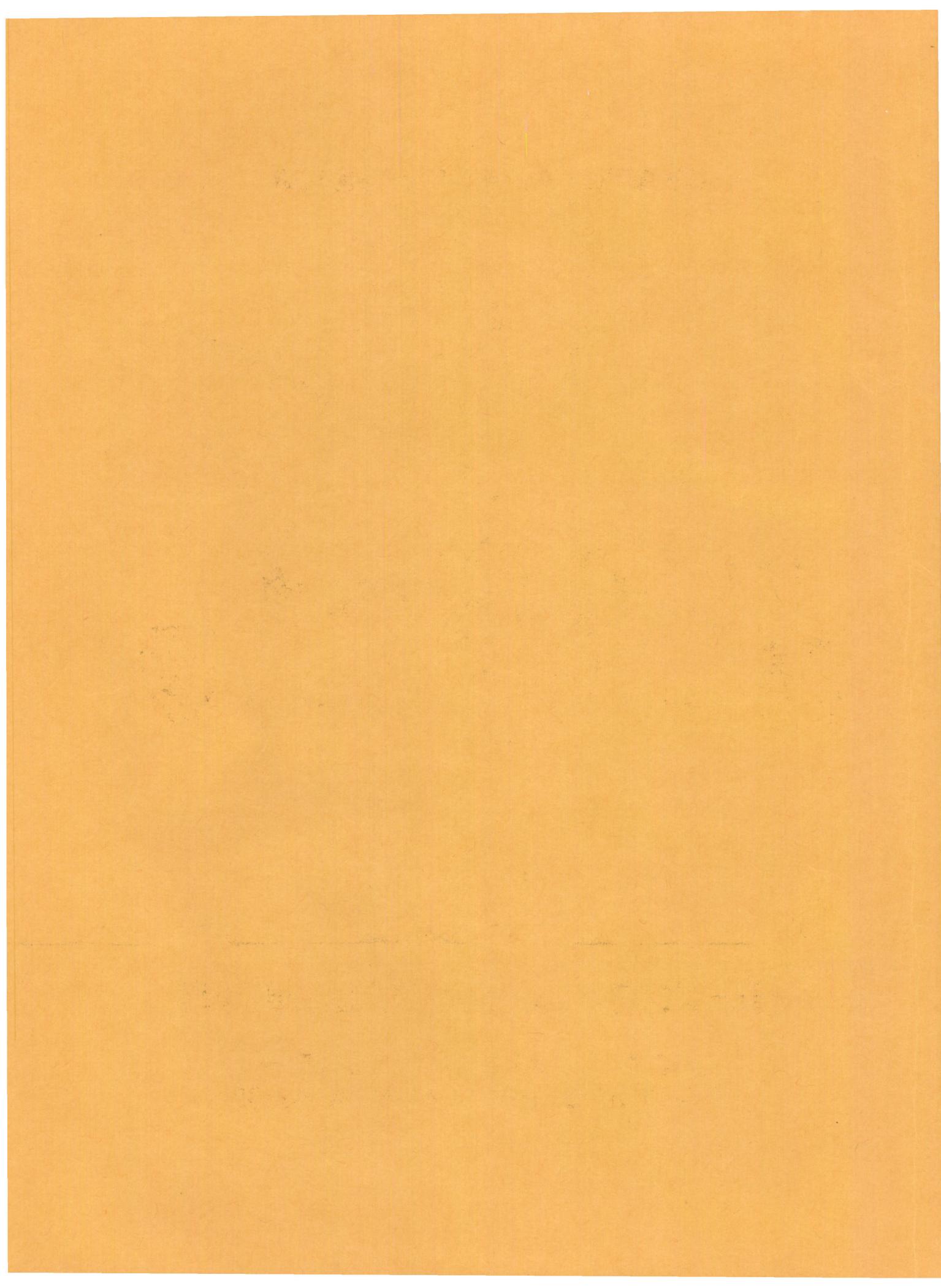
**1982**

**ANNUAL**

## **HISTORICAL SUPPLEMENT**

**US ARMY AVIATION CENTER  
FORT RUCKER, ALABAMA 36362**

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**US ARMY AVIATION CENTER  
AND  
FORT RUCKER**

**ANNUAL HISTORICAL SUPPLEMENT**

**1982**

**PREPARED BY: DPCA HISTORIAN  
US ARMY AVIATION MUSEUM**

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## PREFACE

In accordance with a War Department directive issued at the request of Major General R. M. Danford, the Chief of Field Artillery, 15 officers, 21 enlisted men of the field artillery, and nine civilian instructor pilots, all holders of civilian pilot licenses, were ordered on 15 January 1942 to report for temporary duty to the Field Artillery School at Fort Sill, Oklahoma, to test the concept of making light aircraft organic to the field artillery.

The test, conducted under direction of Lieutenant Colonel William W. Ford, proved successful and on 6 June 1942, the War Department approved organic aviation for the field artillery. By 1 August of that year, the Department of Air Training was organized at Fort Sill with Colonel Ford as director.

From 1945-50, the Department of Air Training added refinements to the training program. The wide-spread use of aircraft in combat resulted in students from all arms and services entering into Army aviation and increased the volume of training and administration at the Department of Air Training, which led to the establishment of the US Army Aviation School at Fort Sill.

The school was established effective 1 January 1953, as a Class I activity under the Commanding General, Fourth US Army. The official birthdate was changed in 1960 to the 6th of June to coincide with the birthday of Army Aviation.

Army Aviation celebrated its Fortieth Anniversary, along with the Fortieth Birthday of Fort Rucker, under its present Commander, Major General Carl H. McNair, Jr. Highpoints of the celebration were--the site dedication of the Army Aviation Museum; review of vintage aircraft; and tactical demonstration of air mobility. Joining Major General McNair in the festivities were past post commanders; former liaison pilots; officials of national, state, and local governments; members of past divisions that trained at Camp Rucker during World War II, members of Wiregrass Chapter of the Tuskegee Airmen; and other dignitaries.

Festivities were open to the public, and a driving tour of Fort Rucker, with historical sites being identified by marker was prepared jointly by the United States Army Aviation Museum and the Fort Rucker Historical Society.

This annual historical supplement is a resume of events at the US Army Aviation Center and Fort Rucker for calendar year 1982. It provides an accurate and objective account of the activities of this headquarters during this period.

Information contained in this supplement was based upon reports submitted by various directorates and activities of this installation. All material is presented in an objective and impersonal manner. Details, where possible, have been omitted for the sake of brevity.

Agencies or individuals, public or private, may reproduce, quote or otherwise use any portion of the contents contained herein provided use is judged to be in the best interest of the United States Army. Assistance will be given all official and unofficial inquiries of additional information about Fort Rucker, the US Army Aviation Center, or tenant activities provided information is unclassified and its subsequent use is provided for in AR 360-5.

The US Army Aviation Center and Fort Rucker Annual Historical Supplement for 1982 was prepared in compliance with TRADOC Supplement 1 to AR 870-5.



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AND FORT RUCKER

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**SECTION I**

**US ARMY AVIATION CENTER  
AND FORT RUCKER**

## **MISSION US ARMY AVIATION CENTER AND FORT RUCKER**

Commands, operates, and administers the use of the resources of Fort Rucker, Alabama, to accomplish all assigned missions. Conducts the training and instruction for United States and allied officers, warrant officers, warrant officer candidates, enlisted personnel, and designated civilian personnel in the various phases of Army aviation. Accomplishes all actions for which the Center is proponent relating to combat and training developments, training devices, training literature, occupational specialties and career management fields, and US Army aviation flight standardization. Provides support to assigned, attached, or tenant activities to include on-post and off-post units or activities in the assigned geographic areas unless such support is specifically assigned to another command.

(Extracted from USAAVNC Regulation 10-1)

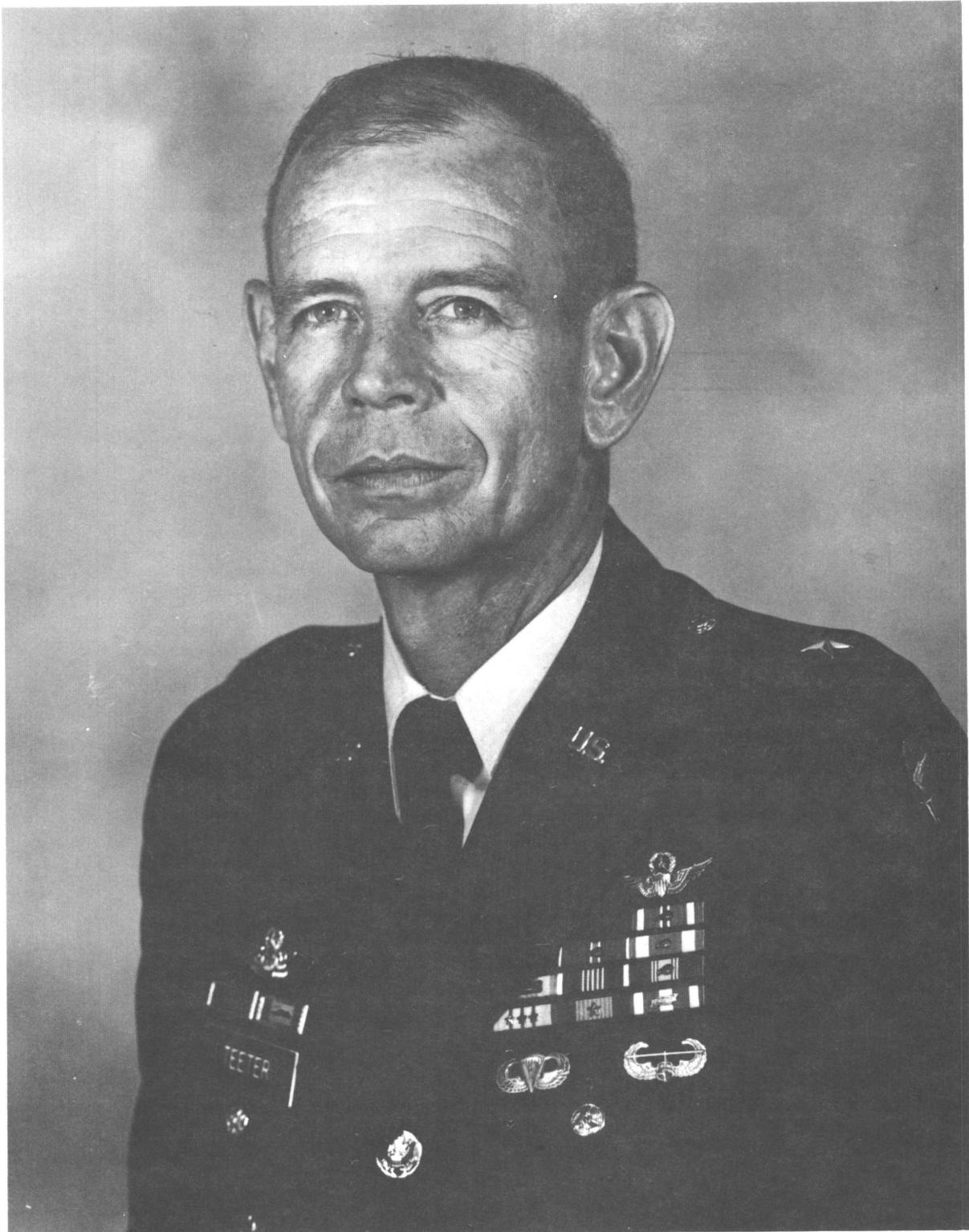








Major General Carl H. McNair, Jr., Commanding General of the United States Army Aviation Center/Fort Rucker, 1982.



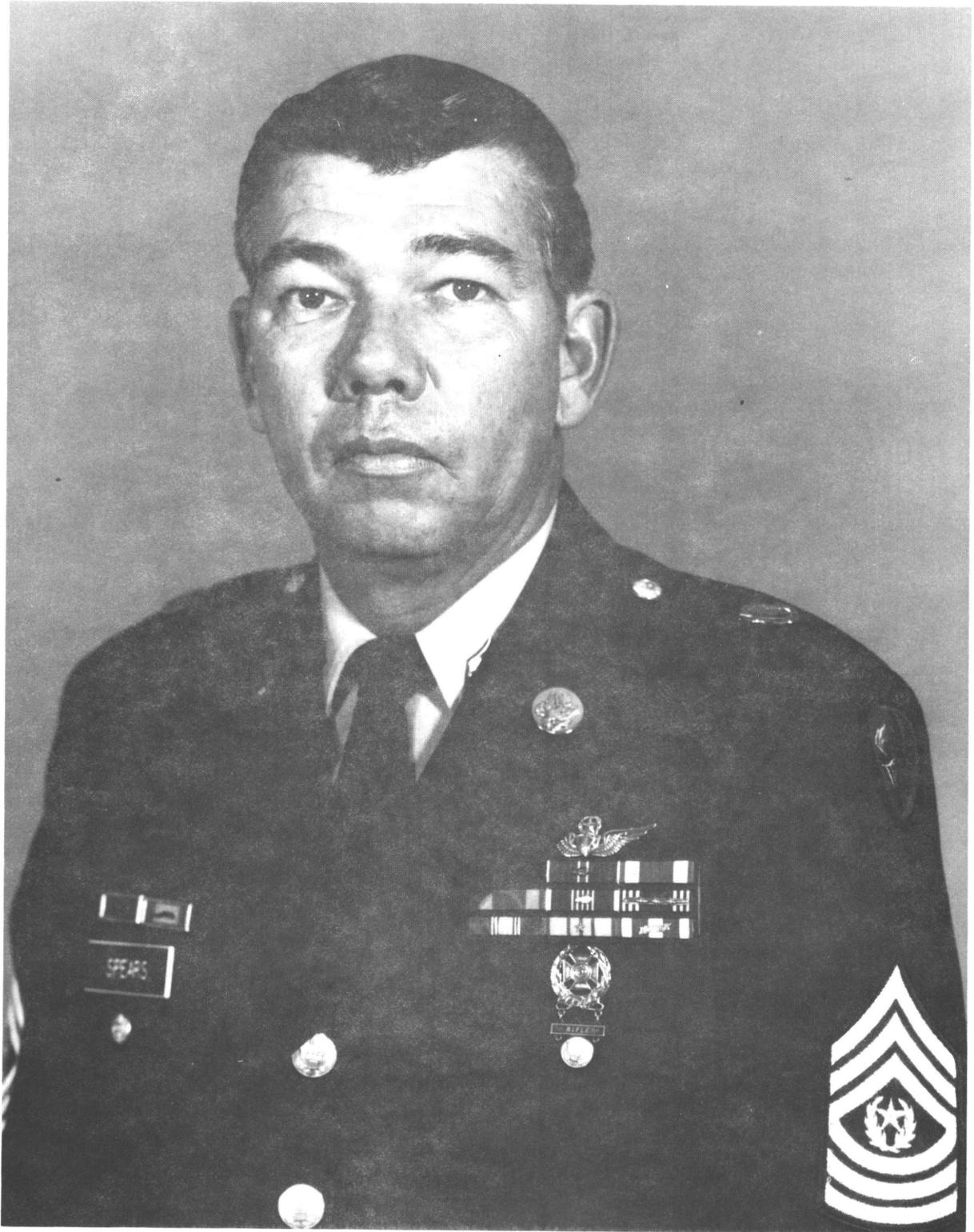
Brigadier General Charles E. Teeter, assigned as Deputy Commanding General, United States Army Aviation Center/Fort Rucker, on 13 September 1982.



Colonel James H. Kitterman, assigned as Chief of Staff, United States Army Aviation Center/  
Fort Rucker, on 10 July 1982.



Colonel Davis Clark, Assistant Chief of Staff/Deputy Installation Commander, United States Army Aviation Center/Fort Rucker, assigned on 19 July 1982.



Command Sergeant Major D. L. Spears, Command Sergeant Major, United States Army Aviation Center/Fort Rucker, 1982.



# DIRECTORATE OF TRAINING AND DOCTRINE



## MISSION:

Serves as Command Aviation Officer and principal advisor to the Commanding General/Commandant and Deputy Commanding General/Assistant Commandant on the conduct and administration of resident instruction for which the United States Army Aviation Center (USAAVNC) is proponent. Provides synthetic flight training system (SFTS) software training support for all SFTS devices assigned worldwide. Has responsibility for management of aviation doctrinal literature. Directs the efforts of USAAVNC resident training departments. Shares with Directorate of Training Developments (DTD) the responsibility for developing training materials. Provides Subject Matter Experts (SME) to Directorate of Combat Developments (DCD) and DTD as required. Serves as program manager for the flight training and general skill training accounts and appropriate portions of the Army service school support to unit's account. Provides staff supervision of Detachment 9, 5th Weather Squadron (United States Air Force) and the Aviation Training Library. Supervises operation of training/maneuver areas, ground and aerial firing ranges, flight records, instrument and aviator qualification management, airspace coordination, and management of flight training facilities. Serves as program director for Skill Qualification Test (SQT) training and testing.

## ORGANIZATION:

The Directorate of Training and Doctrine (DOTD) is composed of the headquarters and the following:

- Resource Management Office (RMO)
- Aviation Training Library (ATL)
- Training Management Division (TMD)
- Training Support Division (TSD)
- Department of Academic Training (DOAT)
- Department of Flight Training (DOFT)

### KEY PERSONNEL

### POSITION

### ARRIVAL/DEPARTURE DATES

COL Joseph F. Rutkowski	Director	Entire Year
LTC Larry E. Stuart	Executive Officer	Entire Year
CPT Don M. Franks	C, RMO	Dep - 8 Mar 82
CPT Robert L. Boylston	C, RMO	30 Apr 82 - 3 Aug 82
MAJ(P) Richard G. Dickson	C, RMO	12 Jul 82 - Present
SGM John P. Traylor	SGM, DOTD	Entire Year

Division and department key personnel are listed with their respective sections in this supplement.

DOTD staff authorized strength at the end of 1982 is: Officers, 22; Warrant Officers, 13; Enlisted, 59; Civilians, 44; Total, 138.

## ACCOMPLISHMENTS:

DOTD accomplishments are covered in the division/department input.

## **TRAINING MANAGEMENT DIVISION**

### MISSION:

Coordinates with the Directorate of Training Developments (DTD) on implementation of resident programs of instruction (POIs) and plans for implementing changes and future courses. Serves as

proponent for USAAVNC Pamphlet 95-15 and USAAVNC Supplement 1 to Army Regulations (ARs) 95-1, 115-2, 350-5, and 350-19.

ORGANIZATION:

The Training Management Division (TMD) is composed of four branches: Plans Branch, Airfield/Airspace (AF/AS) Branch, Programs/AVMIS Branch, and Training Standards Branch.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ(P) Marvin H. Baker	Chief, TMD	Entire Year

**PLANS BRANCH**

MISSION:

Plans, coordinates, and monitors Reserve Component (RC) aviation training, foreign military training programs, and other special training programs. Develops plans, prepares studies, and recommends policies to support resident training and other nontraining actions. Formulates the Long Range Aviation Training Support (LORATS) plan. Prepares staff actions (as directed) for the command group. Reviews training literature, instructional material, documents, and studies. Provides aviation training data to United States Army Training and Doctrine Command (TRADOC) and United States Army Forces Command (FORSCOM) as requested. Maintains files of current POIs. Processes requests for special actions and performs liaison with instructional departments on matters pertaining to new equipment, training, and proposed resident POIs. Presents the Aviation Center Briefing and other special briefings to VIPs and interested personnel. Integrates and coordinates aviation doctrine for the Army. Manages the Aviation Center's doctrinal literature program (DLP), performs the integration function of the Aviation Center, and maintains close, continuous coordination with all mission proponents and user schools/centers to exchange and refine information on all aviation doctrine.

ORGANIZATION:

Operates under the direction of Training Management Division.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT John R. Orkwis	Chief, Plans Branch	15 Dec 82 - Present
CPT Lawrence J. Buehler	Chief, Plans Branch	Dep - 13 Dec 82
CPT Donald H. Christie, Jr.	Doctrinal Lit Writer	3 May 82 - Present
CPT Paul F. Hinote	Doctrinal Lit Writer	Dep - 8 May 82

ACCOMPLISHMENTS:

Primary Training - The first ROTC cadets (49 males and 4 females) from all regions of the United States attended Cadet Military Specialty Training and received familiarization training in the TH-55 Osage.

Initial Entry Rotary Wing (IERW) - The instrument flight training phase was changed to 4 weeks simulator followed by 4 weeks on the flight line, as opposed to rotating 2 weeks simulator and 2 weeks flight line.

Eighth EURO/NATO Symposium - DOTD participated in the Eighth EURO/NATO Basic Helicopter Pilot Training Symposium, 27-30 Sep 82, in Landsberg, Germany. The purpose of the Symposium was to improve and expand existing training programs between the United States, Denmark, Germany, The Netherlands, and Norway.

Mobilization - DOTD chaired the Aviation Mobilization Expansion Planning Group (AMEPG) during MOBEX 83.

Physical Training - The Army Physical Fitness Program was implemented at the Aviation Center for all courses of instruction. POIs were revised to reflect physical training time. Diagnostic physical fitness testing and Army Physical Readiness Test were incorporated into most courses.

Academic instruction in physical training and health are to be incorporated as a part of the total program.

AH-64 - Instructor Key Personnel Training Plan was approved at USAAVNC. Implementation of this plan and identification of the required resources and facilities to accomplish the training became the primary objective during the first quarter of FY 83.

CH-47D - Training for key personnel to support the CH-47D program began in August 1982. Academic instructors, maintenance personnel, and instructor pilots received the training required to initiate the CH-47D course in FY 83. In December, USAAVNC received the first CH-47D aircraft. A second aircraft is programmed to arrive in February 1983. A proposal to divert this second aircraft from USAAVNC to Fort Eustis was disapproved by TRADOC.

Resources to Support Force Modernization - New training programs to support the AH-64, UH-60, CH-47D, and OH-58D Army Helicopter Improvement Program (AHIP) required the identification of resources and facilities needed in the FY 84 to FY 89 time frame. Increases in these systems, courses, and projected student input increased the need for stagefield and classroom expansion. A resource package was submitted to Directorate of Resource Management identifying and justifying these facilities.

Impending the purchase of attack helicopters, representatives of the Pakistan Army visited the aviation training facilities to identify courses of instruction and training that would be available to support their purchase. The Pakistan training program reflects the increased importance of the Aviation Center as a worldwide helicopter training center for foreign military students.

Doctrinal Literature -

- a. Researched, wrote, and coordinated chapter 2 of the Army Aviation Development Plan (AADP) and the Doctrine Managers' Standing Operating Procedures (SOP).
- b. Provided input to the Writing, Editing, and Graphics Workshop, the doctrinal literature coverage of light discipline, and the Army Aviation Mission Area Analysis (AAMA) Systems packaging.
- c. Reviewed 42 field manuals, 2 training tests, 10 training circulars, and 11 other various publications.

**AIRFIELD/AIRSPACE BRANCH**

MISSION:

Advises DOTD on matters pertaining to operations, maintenance, and safety of basefields, stagefields, and selected civil facilities. Provides staff planning for aircraft tactical landing areas, aircraft navigation, and communication facilities, air traffic control, and aviation safety matters.

ORGANIZATION:

Operates under the direction of Training Management Division.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT Michael S. Snyder	Chief, AF/AS Branch	11 Aug 82 - Present
CPT K. George Price	Chief, AF/AS Branch	Dep - 11 Aug 82
CW3 Robert E. Houser	Safety Officer	27 Dec 82 - Present
CW3 E. Euel Henry	Safety Officer	Dep - 27 Dec 82
Mr. Forrest E. Faulkner	Air Traffic/Airspace Officer	Entire Year

ACCOMPLISHMENTS:

Effectuated final coordination for the implementation of USAAVNC flight training increases for FY 83 Program Objective Memorandum (POM). Developed MCA air facility requirements for the Modernization Resource Information System (MRIS) and Foreign Military Sales (FMS) flight training programs.

Coordinated actions to resolve the shortage of Instrument Landing Systems (ILS), marker beacon/glideslope equipped aircraft at USAAVNC, and to reduce the probability of accidents resulting from the loss of tail rotor effectiveness in the OH-58.

Coordinated the 1982 Assistant Commandant/Deputy Commander's (AC/DC) visit to the US Army in Europe (USAREUR).

Developed USAAVNC position regarding the continued training, in various courses, of 180° auto-rotation with turn.

Established a computerized safety awards program and presented the first group of awards.

Wrote a Training, Airspace, and Noise Briefing and presented it numerous times to civilian groups.

Extracted 4 years' worth of data from the files in support of the US vs. B. J. Clark trial concerning the 23 Aug 82 shooting of a USAAVNC UH-1.

Established two new training areas of operations (A. O. APACHE and A. O. EAGLE).

Implemented an Aviation Life Support Equipment (ALSE) program in support of more than 1,800 aviators.

Planned FY 83 "L" account for DOTD.

Coordinated action to provide out-of-sequence issue of night vision goggles (NVG) to support training; developed, tested, and implemented the use of an NVG counterbalance system at USAAVNC; and coordinated the development and tested the modified NVG faceplate (cut-a-way).

Developed and coordinated plans to repair or improve stagefields and basefields including Cairns Army Airfield (AAF); Hanchey Army Heliport (AHP), Lowe AHP, Guthrie AHP, Knox AHP; and Tabernacle, Shell, Hooper, and Longstreet stagefields, and Landing Zone Wolfpit.

Coordinated the use of USAAVNC training airspace by the US Air Force for training and testing.

**PROGRAM AVIATION MANAGEMENT INFORMATION  
SYSTEM BRANCH**

MISSION:

Determines, coordinates, and disseminates (to all agencies - local and higher headquarters) detailed training schedules, aircraft requirements, student loads, and flight hour programs to support the Aviation Center flight and non-flight training programs.

ORGANIZATION:

Operates under the direction of Training Management Division.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. William C. Carn, Jr.	Chief, Prog/AVMIS Branch	22 Mar 82 - Present
CPT Myron E. Pangman	Acting Chief, Prog/AVMIS Branch	1 Jan 82 - 21 Mar 82

ACCOMPLISHMENTS:

Continued intensive management of IERW student program resulting in the Aviation Center graduating two over the required HQDA production level for 1982.

Established a more positive management program for graduate flight course shortfalls resulting in a reduction to 5.4%, compared to 6.3% in FY 81.

Prepared resource packages for the CH-47D, AH-64, and multi-track IERW for future implementation.

Established security control for the Army Training Resource and Requirement System (ATRRS).

Adjusted flight hour program (Center Mission) to provide training for two Army Research Institute (ARI) special projects and stay within new flight hour constraints placed on USAAVNC by HQDA.

Continued Aviation Management Information System (AVMIS) user education program to improve AVMIS ADP products.

The actual hours flown in the mission flying hour program were 397,320 - USAAVNS and 16,391 - USAAVNC for a total of 414,711.

**TRAINING STANDARDS BRANCH**

MISSION:

Implements guidance and regulations pertaining to skill qualification tests (SQTs). Acts as liaison between Fort Rucker and the SQT Management Directorate at Fort Eustis, Virginia. Provides staff responsibility and supervision for administration of SQTs at Fort Rucker and active duty personnel within a five-state area. Administers SQT to students upon request. Establishes test dates based on Department of the Army directives; identifies military occupational specialties and skill level to be tested; distributes test notices to soldiers through assigned units; schedules personnel for SQT; identifies personnel who fail to report for testing to their commanders; forwards test materials for scoring and distributes results to the soldier, unit, and the Military Personnel Office. Conducts assistance visits and briefings for units (as requested).

ORGANIZATION:

Functions as a branch under Training Management Division with operational control to the DOTD Sergeant Major.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MSG Clarence M. Martin	Acting Test Control Officer	1 Oct 82 - Present
1LT Terence F. Miller	Test Control Officer	Dep - 29 Sep 82

ACCOMPLISHMENTS:

Administered the Skill Qualification Test (SQT) in over 200 MOSCs representing a soldier population of over 4,000 at Fort Rucker. The three component SQTs were phased out and replaced by a single component SQT, written only.

**TRAINING SUPPORT DIVISION**

MISSION:

Supervises the overall coordination of training activities for the directorate. Determines the requirements for scheduling and monitoring the utilization of training resources such as classrooms, ranges, equipment, ammunition, aircraft, transportation, and troop support required in support of programs of instruction (POIs). Prepares and distributes training/training support schedules for each POI. Develops and maintains master schedules and related control documents

for each resident course. Compiles statistical data pertaining to programmed and actual student input and in-training load. Schedules class start and close dates for each resident course to include adjustments as required by POI revisions, student shortfall or overfill, and self-paced training. Processes unprogrammed training requirements in coordination with other activities of the directorate, to include the use of Mobile Training Teams (MTT) and New Equipment Training Teams (NETT) for Reserve Component or Active Army support. Processes requirements for resident training or student support involving external agencies/activities, such as guest instructors/speakers and off-site training facilities. Develops training capacity data. Identifies requirements for, collects, analyzes, and acts on feedback data in assigned area of responsibility.

ORGANIZATION:

The Training Support Division (TSD) is composed of four branches: Scheduling Branch, Aircraft Management Branch, Range Branch, and Instrument and Aviator Qualification (IAQ) Branch.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Lloyd D. Gary, Jr.	Chief, TSD	23 Mar 82 - Present
MAJ Ronald E. Deaver	Chief, TSD	Dep - 23 Mar 82
SFC Thomas E. Campbell	NCOIC, TSD	Entire Year

**SCHEDULING BRANCH**

MISSION:

Directs and coordinates the preparation and distribution of training schedules for each resident class at USAAVNC; coordinates and schedules training facilities, transportation, troop and equipment support; and coordinates the Directorate of Training and Doctrine's portion of itineraries for VIP visitors to Fort Rucker.

ORGANIZATION:

Operates under the direction of Training Support Division.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Lloyd D. Gary, Jr.	Chief, Scheduling Branch	23 Mar 82 - Present
MAJ Ronald E. Deaver	Chief, Scheduling Branch	Dep - 23 Mar 82
SSG Richard C. Lewis, Jr.	NCOIC, Scheduling Branch	Entire Year

ACCOMPLISHMENTS:

Implemented plans of Triple Launch to accommodate projected increase in student population; this included the revision of the instrument phase of training.

Scheduled transportation, classrooms, stagefields, and stagefield support for approximately 9,200 flight and non-flight students during the year.

Coordinated the use of over 600,000 gallons of fuel from Jaxon Fuel and 108th QM per week.

Distributed approximately 24,000 training schedules for over 40 in-resident courses and supporting activities each week.

Coordinated USAAVNC Tactical Training Exercise (TTE), drawing more than 2,500 spectators on 18 Aug 82.

Coordinated the scheduling of over 128,000 flight simulator hours for USAAVNC.

Supported over 350 training exercises for Reserve and National Guard components at the Fort Rucker complex.

## **AIRCRAFT MANAGEMENT BRANCH**

### MISSION:

Manages USAAVNC aircraft fleet employment of over 540 aircraft. Maintains an operations center which provides response to all aspects of flight training and aircraft control for the DOTD and the command group. Implements command-established policies and procedures affecting aircraft requirements. Prepares input for proper utilization and student flight hour reports and analyzes output for proper utilization of aviation assets. Coordinates USAAVNC fleet employment with all activities and agencies at Fort Rucker. Acts as liaison between aircraft users and Aircraft Logistics Management Division (ALMD), DIO, and the maintenance contractor. Acts as the central point of coordination at USAAVNC for aviation search and rescue missions. Provides aircraft control for the many USAAVNC contingency plans.

### ORGANIZATION:

Operates under the direction of Training Support Division.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT William C. Barker	Chief, Aircraft Management Branch	1 Oct 82 - Present
CPT Billy J. Stanford	Chief, Aircraft Management Branch	Dep - 1 Oct 82
SSG George W. Evans	NCOIC, Aircraft Management Branch	Entire Year

### ACCOMPLISHMENTS:

Scheduled in excess of 292,000 training flights which accumulated over 414,711 flight hours.

Coordinated aircraft support for over 120 special missions for the Public Affairs Office, Army Recruiting Command, and Joint Services requests.

Revised stacking/mooring plan for USAAVNC Hurricane Alert and Evacuation Plan to include the Safety Center's C-12 aircraft.

## **RANGE BRANCH**

### MISSION:

Maintains and coordinates the use of the Fort Rucker Range Complex, which consists of 4 aerial gunnery ranges, 42 training areas, and numerous other ranges and firing points. Provides rearming of all student training aerial gunnery aircraft and training of personnel to operate the TOW target simulator for the Gunnery Accuracy Control (GACP) system. Provides support for all Active Army units and Reserve Component units for issue of munitions and use of any range.

### ORGANIZATION:

Operates under the direction of Training Support Division.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT Allan J. Tusberg	Chief, Range Branch	Entire Year
1LT Kevin P. Driscoll	OIC, Range Control	Entire Year
SFC William P. Cross	NCOIC, Range Branch	Entire Year
SFC Larry D. Hatfield	NCOIC, Armament Teams and Range Control	Entire Year

ACCOMPLISHMENTS:

Reopened Blacksmill Range as a rearm point for student aerial gunnery aircraft to conduct their firing at Matteson Range. AH-1 and UH-1M aircraft, armed by Range Branch personnel, fired approximately 85,700 rounds of 7.62MM ammunition, 318,570 rounds of 20MM ammunition, 4,440 rounds of 40MM ammunition, and 22,240 2.75-inch rockets.

Armed the AH-1 aircraft and prepared Matteson Range for the Tactical Training Exercise (TTE) in August.

Provided ARTEP support to the 46th Engineer Battalion to enhance the Range Complex, upgrade of Blacksmill Range Road, the 500/1000-inch Range, and the Zero Range.

**INSTRUMENT AND AVIATOR QUALIFICATION BRANCH**

MISSION:

Manages the Aircrew Training Manual (ATM) Program at Fort Rucker, which includes initial inprocessing of all aviators newly assigned to Fort Rucker. Responsible for administering the Army Aviation Annual Written Examination for all aviators assigned to the USAAVNC and for maintaining flight time records on them to insure completion of flight minimums. Coordinates and furnishes aircrews for USAAVNC support missions, conducts refresher training for operational aviators not participating in flight line instruction and conducts fixed wing transition training. Assumes general supervisory responsibility for the Fort Rucker Flight Records Section.

ORGANIZATION:

Operates under the direction of Training Support Division.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT Horace C. Green	Chief, IAQ	Entire Year
Mrs. Martha J. Welcher	Supervisory Coding Clerk, Flight Records Section	Entire Year

ACCOMPLISHMENTS:

Flew 78 command missions in both rotary wing and fixed wing aircraft.

Provided instruction and flight training for approximately 103 staff aviators occupying operational flying positions in other directorates.

Performed standardization evaluations in support of ATM Army Aviator Proficiency and Readiness Test (AAPART) requirements as follows: 221 pilot/IP evaluations, 66 instrument evaluations. Supported ATM semiannual emergency tasks training for 50 staff aviators.

Logged 2,818 flight/SFTS hours.

Inprocessed 406 newly assigned aviators and administered 1,338 annual written examinations.

Maintained approximately 3,200 records monthly, inprocessed approximately 406 permanent party records, and processed approximately 1,750 transition student records.

**ARMY AVIATION TRAINING LIBRARY**

MISSION:

Provides military and technical aviation information and reference service to the staff, faculty, and students of the Aviation Center for the development of USAAVNC instruction and the educational and professional development of Army aviation personnel. Serves as a reference facility for information on Army aviation and the evolution of American military aviation. Assists

Class II activities without research library facilities or collections sufficient in depth for thorough research. Provides supplementary assistance to the graduate programs of the University of Southern California, Troy State University, and other programs of Embry Riddle Aeronautical University.

ORGANIZATION:

Operates under the staff supervision of the Director of Training and Doctrine.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Ms. M. L. Durkin	Chief Librarian	Entire Year

ACCOMPLISHMENTS:

The Aviation Training Library expanded reference and research services to Post personnel through use of the DOD Defense Technical Information Center (DTIC) data bases and the Lockheed Dialog data bases. Training of library personnel was increased to enable the librarians to function effectively with the automated procurement, cataloging, and information retrieval services inaugurated by the TRADOC Library System.

SHORTCOMINGS:

The centralization of a library technical processing unit for the Center and Training Libraries was not achieved in 1982. The reason for the delay was staffing shortage in the Training Library.

# DEPARTMENT OF ACADEMIC TRAINING



## MISSION:

Conducts academic training (less medical) for the Army Aviation Center (USAAVNC) to support flight maintenance, flight operations, air traffic controller, Noncommissioned Officer Education System, and warrant officer professional development programs of instruction. Operates synthetic flight training systems and conducts procedural training. Provides synthetic flight training systems (SFTS) software training support for all SFTS devices worldwide. Provides core, supplemental, and remedial instruction through operations of a learning center. Provides administrative and logistical support of assigned elements. Provides classroom support for all standard existing instructional purposes during duty hours.

Operations Division plans, coordinates, and schedules academic instruction conducted by DOAT; coordinates mobile training teams and instructional support; assists in curriculum development. Conducts liaison with the Directorates of Training Development, Evaluation/Standardization, and Combat Developments regarding development of training programs and policies. Prepares statistical data and staff studies, and attends conferences relative to mission support. Exercises direct supervision of subordinate elements of the division. Training Literature Management Branch procures, stores, and issues training materials to Active Army Units, USAR Schools, USAR, ROTC, and ARNG units.

Air Traffic Control Division conducts advanced individual training (AIT) and NCOES training for MOSs 71P, 93H, and 93J, in addition to Officer/Warrant Officer ATC and Euro/NATO phraseology instruction.

Career Training Division provides an advanced and senior educational program to further the professional development of selected warrant officers and conducts common subjects instruction for the advanced NCOES courses for enlisted aviation refresher training and graduate programs of instruction.

Maintenance Training Division conducts advanced individual training for MOSs 67N and 67V, and provides maintenance training for aviator qualification and graduate programs of instruction.

Flight Simulator Division operates the UH-1 flight simulators (FS) in support of students and the surrounding area; conducts cockpit procedural training for initial entry rotary wing students, UH-1FS instructor pilot training, and UH-1FS operator courses. Provides SFTS software training support to all SFTS devices located worldwide. Provides CH-47FS training.

USAF Operating Location AK, 4525th Combat Applications Squadron, Tactical Air Command, conducts resident instruction for the USAAVNC on USAF subjects and the USAF aspects of joint operations; serves as the USAF advisor to the USAAVNC, and performs liaison between appropriate elements of the USAF and the USAAVNC.

## ORGANIZATION:

The Department of Academic Training is composed of Headquarters, Administrative Branch, Supply Branch, Operations Division, and four training divisions.

- Air Traffic Control Division
- Career Training Division
- Flight Simulator Division
- Maintenance Training Division

The United States Air Force Operating Location AK 4525th Combat Applications Squadron, Tactical Air Command, is attached to the Department of Academic Training for administrative control.

KEY PERSONNELPOSITIONARRIVAL/DEPARTURE DATES

COL W. K. Kuykendall	Director	Entire Year
LTC E. A. Williams	Deputy Director	Entire Year
MAJ C. W. Goodson	C, Ops Division	Entire Year
MAJ(P) R. C. Hassinger	C, MT Division	Departed 2 Jun 82
LTC W. J. Bowen	C, MT Division	Arrived 12 Oct 82
LTC C. R. Bierbaum	C, FSI Division	Entire Year
LTC V. S. Conner	C, CT Division	Entire Year
LTC R. H. Krulen	C, ATC Division	Entire Year
WO1 T. G. Beattie	Supply Officer	Departed 18 Jun 82
CW4 E. E. Earl	Supply Officer	Arrived 18 Jun 82
Mrs. B. T. Hatfield	Admin Officer	Entire Year

ACCOMPLISHMENTS:

The department provided academic training in support of 40 programs of instruction (POI) during the year and provided support to Reserve/National Guard units and additional elements of the 1st and 5th Armies during the year. Provided support to Mobile Training Teams (MTT) and New Equipment Training Teams (NETT), on request.

During 1982, Supply Branch maintained primary hand receipts for all DOAT property from TDA Property Branch, Training and Audiovisual Support Division, and DEH. This property encompassed some 1,300 line items, 11,000 individual items, 7,000 of which are serial numbered, and 41 buildings. Estimated value of this property exceeds 150 million dollars. The Command Supply Discipline Program for DOAT resulted in a total savings of 1.5 million dollars. In June 1983, WO1 T. Beattie, Chief of Supply Branch, was succeeded by CW4 E. Earl.

Admin Branch developed the FY 83 Command Operating Budget for the department. Monies required, not to include civilian pay, amounted to over \$711,200. The major manpower requirement projects were MOBEX 83 - Update of Mobilization Requirements and TDA; FY 84 TRADOC Review of Manpower (TRM); MRIS - Management Resource Information Submission; Forecast of Foreign Military Training; TRADOC Staffing Standards Study; Pricing of Tuition for Training of Foreign Students and Update of FY 83 TDA and Initial FY 84 TDA. Over 150 OERs were processed with no late submissions. No deficiencies were noted in the Admin Branch during the Annual IG Inspection. Administrative support was provided to 500+ officer, enlisted, and civilian personnel.

**OPERATIONS DIVISION**MISSION:

Schedules instruction and insures that department POIs are properly supported. Maintains scheduling data cards for each subject taught by the department. Exercises staff supervision over the department's development and validation of instructional material. Reviews instructional material. Coordinates the development of exam and test outlines. Prepares statistical data and staff studies and attends conferences relative to mission support. Exercises direct supervision of subordinate elements of the division. Responds to queries, requests and requisitions from service schools, USAR schools, Reserve Component units, ROTC units, Active Army units, and individuals pertaining to aviation oriented instructional material. Operates central facilities to offer additional, supplemental, and remedial instruction to students, staff and faculty, and support elements utilizing a variety of combinations of training media.

ORGANIZATION:

The Operations Division is composed of four branches.

Plans/Projects Branch  
 Training Branch  
 Training Literature Management Branch (TLMB)  
 Aviation Learning Center

KEY PERSONNELPOSITIONARRIVAL/DEPARTURE DATES

MAJ C. W. Goodson	Ops Officer	Entire Year
CPT R. F. Cini	Plans/Project Officer	Arrived 27 Oct 82
CPT M. A. Nemetsky	Training Officer	Arrived 14 Jun 82

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. J. C. Conner	C, TLMB	Entire Year
CW4 J. D. Ryan	C, ALC	Entire Year

The year 1982 was a very productive one for the Operations Division. The division coordinated the administrative actions and projects of all programs of instruction (POI) in the department, as well as supervising the scheduling of all POIs. Significant projects/accomplishments in 1982 included active participation in the memorializing of Kleiv Hall. This effort spanned many months requiring direct coordination with Kleiv family members, scheduling transportation, the preparation of the building, acquisition of the plaque and picture for the building, the coordination of the speakers, and the provision of facilities for the observers. The 85-89 POM was prepared and submitted, as well as new systems resourcing for the AHIP, AH-64, and CH-47D. A front-end analysis of the Warrant Officer Senior Course was initiated to improve the overall quality of the course. A major revision of the Initial Entry Rotary Wing Aviator POI was accomplished in conjunction with Directorate of Training Developments. The effort focused on improving the leadership and tactical skills of commissioned aviators. Efforts were continued to make Search, Evasion, Rescue, Escape, and Resistance (SERER) training more realistic. Close coordination with the proponent agency was maintained and different options were discussed and analyzed. To insure maximum utilization of scarce classroom facilities, new scheduling procedures were instituted by the Scheduling Branch. Classroom and facility shortfalls were highlighted and appropriate levels of command notified of this critical situation. Preparations for an installation of a training set fire observation (TSFO) expanded the capability of the department to train Initial Entry Rotary Wing students in field artillery functions with a greater degree of detail. Operations Division was involved in obtaining three buildings in the old hospital area to be used for classrooms during the triple launch. Coordination for obtaining an additional 2B24 flight simulator (8th device) was made with Fort Benning and will be emplaced and operational in May 1983.

The USAAVNC Learning Center (ALC) was utilized by 36,442 students and staff and faculty during the period 1 December 1981 to 1 December 1982. This included 2,664 advanced individual training (AIT) students who received map reading and/or NBC training either at the beginning or ending of their MOS training in the 67N, 67V, 93H, 93J, or 71P series. In addition, the ALC briefed 1,765 ORWAC and WORWAC students as well as 593 miscellaneous personnel. The ALC instructional/ utilization hours increased to 49,823.3 with an average of 1.4 hours per student. The ALC Lesson Index was revised and updated during this period, and new lessons were added for the UH-60, Night Vision Goggle training, and some of the enlisted courses. The ALC also acquired a Lightweight Doppler Navigation System Device for use by the UH-60 and Modernized Cobra students.

Training Literature Management Branch (TLMB) primarily supported Department of Academic Training instructors with training literature including programmed texts, lesson plans, student handout materials, and miscellaneous publications. TLMB also supported over 2,500 field units, including Active Army, Reserve, and National Guard personnel worldwide with items of training material. TLMB published a catalog which lists all instructional materials prepared by the Army Aviation Center which are currently available for issue. This catalog is published semiannually with a quarterly update. Distribution was made by mail to more than 2,500 addressees worldwide. TLMB personnel coordinated stockage levels, lent administrative support, and had the responsibility for the actual shipment of the Army Aviation Annual Written Examination (AAWE) materials to over 200 units. The 1982 shipment totaled 50,228 items. During 1982, TLMB processed and filled an average of 212 requests per month from DOAT instructors and an average of 236 requests per month from field units. An average of 2,874,169 units of training material were printed per month at an average monthly printing cost of \$31,901.66.

## **AIR TRAFFIC CONTROL DIVISION**

### MISSION:

Conducts Advanced Individual Training (AIT) and NCOES advanced training for MOSs 71P, 93H, and 93J. In addition, training is provided to officers/warrant officers on Air Traffic Control (ATC) subjects, EURO/NATO voice procedures for pilots, and airspace management for the Commander's Readiness Course. Provides Army controls for administration and access to Federal Aviation Administration (FAA) Air Traffic Control Examination material. Supervises the participation of the division in the development and revision of training materials required for correction of errors and technical update of training material. Provides support of Mobile Training Teams (MTTs) and New Equipment Training Teams (NETTs), as requested.

ORGANIZATION:

The ATC Division is composed of a headquarters and three branches.

- Common Subjects Branch
- Deployment Branch
- Advanced Branch

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC R. H. Kreulen	Chief	Entire Year
Mr. L. L. Allen	C, Common Subj Br	Entire Year
MAJ M. J. Wuensch	C, Adv Br	Departed May 82
MAJ W. J. Dunlap	C, Depl Br	Departed Jul 82
CPT G. E. Welch	C, Depl Br	Arrived Jul 82
CPT G. E. Welch	Ops Officer	Departed Jul 82
MSG J. R. Morse	Ops Officer	Arrived Oct 82
SGM M. C. Hood	Division SGM	Departed Jul 82
MSG J. R. Morse	Division SGM	Arrived Jul 82
MSG J. R. Morse	Division SGM	Departed Oct 82
SGM F. H. Dennis	Division SGM	Arrived Oct 82

ACCOMPLISHMENTS:

The Air Traffic Control Division, composed of three major branches, experienced another year of outstanding accomplishments during 1982. The 93H and 93J POIs, NCOES, and officer/warrant officer ATC POIs were revised. Both military and civilian instructors contributed greatly to the success of the ATC Division's accomplishments.

Removal of the radar approach control training and deployment of the GCA-only concept in the 93J POI has significantly changed the course of instruction for the radar control student. The division increased the student loads as a result of the events surrounding the FAA Air Traffic controller strike. Current student inputs are eight 93H students and six 93J students per week.

The Common Subjects Branch completed an update revision in the General Subjects and Instrument Flight Rules (IFR) Academics areas. Mr. Lindel L. Allen was appointed as a member of the Procedures and Doctrine Subjects Committee, Interservice Training Review Organization (ITRO).

The Advanced Branch validated a new officer/warrant officer POI which included the revised system of CTO instruction. Also, newly developed, in-depth comprehension checks were implemented by the TERPS Section for professional development courses.

The Deployment Branch refined the 71P NCOES POI and added hands-on equipment to the Officer/Warrant Officer ATC Course. Two AN/TSQ-97 portable tower facilities were received for use in training 93H AIT students. Commercial electric power supplied to the tactical ATC landing site (LZ Wolfpit) resulted in a considerable cost savings over the use of tactical generators.

The ITRO Review Board, Order No. 9, dtd 2 Aug 79, directed a detailed phase review on air traffic control (DoD Subgroup 222 - Enlisted ATC Courses and 2G Officer/Warrant Officer ATC Courses). LTC Ray H. Kreulen, Chief, ATC Division, was designated as chairman of the Task Group 222/2G. Mr. Lindel L. Allen, Chief, Common Subjects Branch, ATC Division, was designated as the US Army Task Group 222/2G Subject Matter Expert. The study continued to be active throughout CY 82.

National Guard units continued to receive Mobile Training Team (MTT) assistance during weekend drills. Instructors were sent TDY to units of 12 states during 1982, resulting in the graduation of 10 personnel at a cost savings to the government.

Staff members and several military and civilian instructors were awarded commendations and letters of appreciation for outstanding performance of duty.

**CAREER TRAINING DIVISION**

MISSION:

Presents academic instruction in 30 different POIs. The division is responsible for instruction to the Aviation Warrant Officer Advanced Course, Warrant Officer Senior Course, aviation

Pre-Command Course, Phase II, Warrant Officer Orientation Course, Warrant Officer Candidate Military Development Course (WOCD), Advanced NCOES, Officer/Warrant Officer Candidate Rotary Wing Aviator (IERW), instructor pilot, flight examiner, and transition courses.

ORGANIZATION:

The division consists of a headquarters and four branches.

- Aviation Subjects Branch
- Management/Leadership Branch
- Staff/Military Skills Branch
- Tactics/Strategy Branch

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC V. S. Conner	Chief	Entire Year
MAJ E. M. Monahan	Ops Officer	Departed 1 Mar 82
CPT R. R. Wade	Ops Officer	Arrived 1 Mar 82
CPT R. L. Rice	C, Avn Subj Br	Departed 4 Dec 82
CPT A. H. Ray	C, Avn Subj Br	Arrived 9 Dec 82
MAJ H. E. Blanks	C, Mgt/Ldrshp Br	Entire Year
CPT W. L. Vogel	C, Stf/Skls Br	Departed 15 Sep 82
CPT L. R. Rainey	C, Stf/Skls Br	Arrived 17 Sep 82
MAJ S. R. Chrzanowski	C, Tac/Strat Br	Departed 1 Mar 82
MAJ E. M. Monahan	C, Tac/Strat Br	Departed 1 May 82
CPT R. F. Cini	C, Tac/Strat Br	Departed 24 Oct 82
MAJ E. M. Monahan	C, Tac/Strat Br	Arrived 24 Oct 82
CW4 J. P. Valaer	Class Director	Entire Year
Mrs. T. L. Strickland	Education Specialist	Entire Year

ACCOMPLISHMENTS:

Aviation Subjects Branch was responsible for 14,000 hours of academic instruction. The branch continued to be responsible for the review of FM 1-203. Aviation Subjects Branch was responsible for the organization, preparation of instruction, and development of mock-up training aids for the AH-1S and UH-60A in an expanded operational role. Instructors provided support to the Directorate of Standardization/Evaluation Regional SIP/IP Refresher Training Courses designed to provide Army-wide refresher training to Reserve and National Guard instructor pilots in the subject areas of regulations, standardization, and aerodynamics. The branch reviewed/updated FM 1-30, Meteorology for Army Aviators, and subcourses for the Directorate of Training Development. Branch personnel served on the board to review and update FM 1-5. Branch personnel developed instructional material for Army aircraft regarding Regulations and Tactical Instrument Flight.

During 1982, the Tactics and Strategy Branch conducted approximately 5,500 hours of academic instruction in the following programs of instruction: Pre-Command Course, Warrant Officer Senior Course, Aviation Warrant Officer Advanced Course, Initial Entry Rotary Wing, Advanced NCOES. Tactical subjects taught by the branch include: Field Artillery, Air Defense Artillery, Air Cavalry, Electronic Warfare, Attack Helicopter Company Operations, Ground Threat, Target Identification, Combat Operations, and Air Mobile Operations. The strategy subjects taught in the past year included: Elements of National Power, United States National Strategy, Ideologies in Conflict, Communist Powers Foreign Policy, Soviet Armed Forces, and both Strategic and Theater Balance in Europe. During the year, a proposal was made that the aforementioned strategy classes and their training objectives be combined into a college course entitled "International Relations." This was approved by the Commanding General and a contract was let to Troy State for the teaching of these classes to the Warrant Officer Senior Course in the form of a college accredited course.

During 1982, the Staff and Military Skills Branch taught over 8,200 hours of academic instruction. The branch continued the development, estimating resources, and cost for extending the IERW POI to provide more realistic Survival, Evasion, Resistance, and Escape training at the Aviation Center.

The branch enjoyed a highly productive year in upgrading and/or rewriting lesson plans, student handouts, and POIs for all subject areas. Provided the only IP in the division to assist all assigned aviators in maintaining proficiency, also provided an instructor to the Combat Brigade Air Attack Test at Ft Lewis from February to July. In addition to the normally scheduled class,

instruction and assistance was given to West Point and ROTC cadets, Army National Guard, and Reserve units.

In addition to normal instruction in the Management and Leadership Branch, instructors completely revised a large maintenance block of instruction inherited from the Maintenance Training Division. Extracurricular classes included instruction on Life Cycle Management to the military and civilian members of the New Equipment and Training Development and Training Devices Branches, Emerging Systems Division, Directorate of Training Developments; Officer Efficiency Reports to reserve senior warrant officers; and Personal Financial Management to WOCD wives. Other activities by branch personnel included primary responsibility within CTD for the annual 49'er Party slot-machine booth; liaison visits on effective writing at the Air University; liaison visits on leadership to Fort Leavenworth; and coordination meetings with representatives from CGSC on warrant officer leadership and ethics. Successful completion of the 3-month Automatic Data Processing Course at Fort Benjamin Harrison has resulted in a complete revision of the ADP portion of the WOSC curriculum.

### **FLIGHT SIMULATOR DIVISION**

#### MISSION:

Provides Synthetic Flight Training System (SFTS) and procedural trainer support for all fixed and rotary wing flight training at the USAAVNC. Provides SFTS configuration management and software support for all flight simulators worldwide. Provides personnel for New Equipment Training Teams and Directorate of Evaluation/Standardization assistance visits. Provides evaluation of simulator projects and proposals, equipment change proposals, and provides USAAVNC representation at SFTS conferences and meetings worldwide.

The Flight Simulator Division is composed of a headquarters and three branches.

UH-1 Flight Simulator Branch  
Flight Simulator Training Branch  
Worldwide Software Support Branch

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC C. R. Bierbaum	Chief	Entire Year
MAJ K. S. Hudson	C, FSTB	Entire Year
CPT E. P. LeClair	C, WWSSB	Entire Year
1LT R. Almeter	Ops Officer	Arrived 13 Dec 82
CW4 L. D. Roper	C, UH-1 Br	Entire Year
MSG F. Powell, Jr.	SGM	Departed 28 Feb 82
MSG F. Haney	SGM	Arrived 18 Aug 82
Mr. N. G. Laumeyer	Education Specialist	Arrived 18 Jul 82

#### ACCOMPLISHMENTS:

Operational testing of the UH-60 flight simulator was terminated in May 82. Beginning Sep 82, all UH-60 students received 6 of the 15 hours flight scenario in the simulator.

The UH-60 performance planning block of instruction was initiated on 3 Nov 82.

The Flight Simulator Division briefed over 6,761 visitors during CY 82. Visitors included foreign dignitaries, Congressional leaders, military personnel from all branches of service, and local and national civic groups from throughout the nation.

Over 114,000 hours were logged in the flight simulators at Ft Rucker during CY 82.

Proposal was submitted and approved to update all UH-1 flight simulator computers worldwide to be completed in the 1986-87 time frame.

Several software modifications were incorporated in both the CH-47 and AH-1 simulators. One modification senses gantry inactivity and shuts down half the light banks on the terrain board supporting the energy conservation program. Additionally, the AIMS altimeter was installed in the CH-47 simulator.

The production CH-47C simulator was installed at Ft Campbell, Ft Hood, and Mannheim, Germany. Personnel were provided to do on-site acceptance of each device and conduct new equipment training to site personnel. Worldwide Software Support Branch developed individual gaming areas for each of the field sites to be installed in early 1983.

Assisted the AH-64 Combat Mission Simulator (CMS) Source Selection Board in evaluating proposed contracts. Personnel attended data base conferences to develop a visual data base specifically designed for the AH-64 (CMS).

Conducted software support visits to all CONUS UH-1 flight simulator sites.

Assisted Director of Evaluation/Standardization on 12 CONUS, USAREUR, Hawaii, and Korea aviation inspection tours.

## **MAINTENANCE TRAINING DIVISION**

### MISSION:

Presents academic instruction to Advanced Individual Training 67N Utility Helicopter Repairmen and 67V Observation Helicopter Repairmen to perform aviation unit maintenance and aviation intermediate maintenance on UH-1H and OH-58 aircraft. Trains officers, warrant officers, and warrant officer candidates in the operation of aircraft systems in support of the Initial Entry Rotary Wing and Advanced Aviator Qualification Courses. Provides support to Mobile Training Teams (MTTs) and New Equipment Training Teams (NETTs), as requested.

### ORGANIZATION:

Maintenance Training Division is organized into a headquarters and three branches.

Officer Training Branch (OTB)  
Utility Helicopter Branch (UHB)  
Observation Helicopter Branch (OHB)

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC W. J. Bowen	Chief	Arrived 12 Oct 82
MAJ M. T. Bradley	Chief	Departed 11 Oct 82
MAJ(P) R. C. Hassinger	Chief	Departed 2 Jun 82
CPT R. W. Achee	Ops Officer	Arrived 10 Aug 82
1LT W. P. Wheeler	Ops Officer	Departed 9 Aug 82
CPT D. L. Westfall	Ops Officer	Departed 1 Jul 82
MAJ C. R. Holzler	Chief, OTB	Entire Year
MAJ J. P. Skelton	Chief, OHB	Arrived 29 Nov 82
1LT W. P. Wheeler	Chief, OHB	Departed 28 Nov 82
CW4 R. E. Popplewell	Chief, OHB	Departed 9 Aug 82
CPT R. K. Jorgensen	Chief, UHB	Arrived 1 Sep 82
CW3 R. C. Conner	Chief, UHB	Departed 31 Aug 82
MAJ M. T. Bradley	Chief, UHB	Departed 2 Jun 82
SGM J. L. Rose	SGM	Entire Year

### ACCOMPLISHMENTS:

The Officer Training Branch trained 4,600 officers, warrant officers, warrant officer candidates, and Department of the Army civilian students during CY 82. The branch began development of lesson material/training device requirements for the OH-58D and Near Term Scout Helicopter (NTSH). CH-47D Initial Key Personnel Training (IKPT) at Boeing Vertol was completed in November 1982. The first New Equipment Training Team (NETT) class, conducted under guidance and supervision of CH-47D Project Manager's Office, St Louis, Missouri, was accomplished at USAAVNC 6-10 December 1982. Attending the NETT class were personnel from the Test Activity, Edwards AFB in California, Northrop Worldwide Aircraft Services (test pilots) at Fort Rucker, and assigned instructor pilots, Cargo Branch, Hanchey Division, Department of Flight Training. Program of Instruction (POI) and training device preparation are scheduled for completion in March 1983. Additional NETT training on AH-1S (Modernized) Cobra is continuing under supervision of the Attack Helicopter Project Manager's Office, St Louis, Missouri. During CY 82, this training was conducted in Germany 21 June - 17 July and 11 October - 13 November; at Fort Carson 26-31 July;

at Fort Ord 20-25 September; and at Fort Riley 15-20 November. Funding for four AH-1S(MC) armament systems procedural trainers was requested in March 1982. Four training device conferences were held on the AH-64A (Apache). Final design requirements for training devices have been set, and production is programmed to begin early 1983. Additionally, one AH-1S has been modified for training of IKPT in Pilot's Night Vision System (PNVS) beginning in early 1983. On 8 September 1982, new classrooms were occupied by OTB in bldg 6010.

During CY 82, the Utility Helicopter Branch (UHB) trained 1,166 students in the 67N10 Course. Of this number, 430 were National Guard or Reserve Component and 28 were female. The Career Management Field (CMF) 67 plan required a course design revision to incorporate 65 "hands-on" tasks from the Soldier's Manual. The course is now 10 weeks and 3 days in length and consists of five levels. Level I is lock-step (conference lecture), Levels II - IV are self-pace, and Level V is lock-step (team effort, hands-on). The addition of 14 Category B, groundrunnable UH-1H aircraft in Level V, Maintenance Company Concept, has significantly increased student morale and self-confidence resulting in a better trained mechanic who is better prepared to meet the challenges of his first assignment. Under guidance and direction of Transportation School, UHB will submit a proposed POI conforming to CMF 67 directives to TRADOC for approval and implementation by 1 October 1983. UHB provided postwide instruction for 67N Skill Qualification Test (SQT) training during 1982.

The Observation Helicopter Branch (OHB) has incorporated within its CMF 67V10 POI 59 "hands-on" Soldier's Manual tasks that were established in coordination with Transportation School. The new CMF 67V Course was implemented 4 May 1982 and provides a complete and well-rounded training program which develops military standard skills and technical knowledge required for 67V10 MOS. The course incorporated all provisions of CMF 67 series study except the 15 percent increase in total time scheduled to be implemented on 1 October 1983. The new POI has created a graduate who, upon arrival in the field, can perform aviation unit, intermediate, and depot maintenance on OH-58 helicopters. This will provide aviation commanders in the field more effective utilization of personnel, which will require minimal on-the-job training of newly assigned/awarded MOS personnel and assure efficient accomplishment of unit's mission. The branch also provided postwide SQT training for all assigned 67V personnel. A draft copy of the new POI was sent to Transportation School for approval in March 1982. The branch received four Category B groundrunnable aircraft to add realism to the training program and is scheduled to receive two additional Category B aircraft during 1983. During CY 82, OHB trained 433 students in the 67V10 Course.

# DEPARTMENT OF FLIGHT TRAINING



## MISSION:

Conducts all flight instruction presented in formal courses of instruction at the United States Army Aviation Center (USAAVNC). Serves as advisor to the Director of Training and Doctrine and as the Contracting Officer's Representative (COR) for all contracted flight instruction.

## ORGANIZATION:

The Department of Flight Training (DOFT) is organized as follows: Headquarters, with Operations, Administration, and Supply Branches; Hanchey Division, with Flight Operations, Training Scheduling, Contract Evaluation, Attack, Aeroscout, and Cargo Branches; Cairns Division, with Cairns Airfield, Contract Evaluation, Rotary Wing Instrument, UH-60, and Training Scheduling Branches; Lowe Division, with Airfield Operations, Contact/Night Qualification, Combat Skills, and Instructor Pilot/Methods of Instruction Branches.

Cairns Division directs and coordinates the activities of Cairns Army Airfield, conducts the UH-60 AQC/IPC Course, the Rotary Wing Aviator Refresher Training (RWART) Course, and Rotary Wing Instrument Flight Examiner Course (RWIFEC). Serves as the COR staff for the fixed wing flight training contracts, Fixed Wing Multi-Engine Qualification Course (FWMEQC), OV-1 Aviator Qualification Course (AQC), U-21/OV-1 Instructor Pilot Course (IPC), Rotary Wing Instrument Course (RWIC), Rotary Wing Qualification Course (RWQC), and Initial Entry Rotary Wing (IERW) Instrument Phase.

Hanchey Division directs and coordinates all activities of Hanchey Army Helipoint and the flight training given in the Department of the Army qualification, Instructor Pilot, and local Methods of Instruction courses (TH-55, AH-1 IPC/AQC, UH-1 IPC Phase II, OH-58 IPC, OH-58 Aeroscout, and CH-47 AQC/IPC). Serves as COR staff for Initial Entry Rotary Wing (IERW) Primary flight training conducted by the contractors.

Lowe Division directs and coordinates the activities of Lowe Army Helipoint and Runkle Army Airfield in the conduct of UH-1 flight training in IERW Transition, Night Qualification, Combat Skills, Department of the Army Instructor Pilot Courses (UH-1 IPC Phase I), UH-1 Local Transition, Combat Skills, and Night Hawk/Night Vision Goggles Method of Instruction Courses.

## KEY PERSONNEL

## POSITION

## ARRIVAL/DEPARTURE DATES

COL Bruce H. Gibbons	Director	Entire Year
LTC Gerald R. Worthington	Deputy Director	Entire Year
Mr. Adrian D. Cunningham	Staff Advisor/COR	Entire Year
CPT(P) David E. Kendrick	Chief, Operations Br	1 Jul 82 - Present
MAJ Gary L. Bishop	Chief, Operations Br	Dep - 30 Jun 82
CW4 Frank E. Turman	Safety Officer	19 Jan 82 - Present
CW4 Loren K. Dow	Safety Officer	Dep - 18 Jan 82
MSG(P) Charles F. Barnes	DOFT SGM	1 Nov 82 - Present
SGM Harvey L. Stolp	DOFT SGM	Dep - 31 Oct 82
MSG Jack R. Scott	DOFT SGM	Dep - 24 Feb 82
Mrs. Hazel H. Jackson	Admin Officer	1 Oct 82 - Present
Mrs. Leona S. Boginski	Admin Officer	Dep - 30 Nov 82
Mr. Millard L. Whittle	Supply Officer	Entire Year

KEY PERSONNELPOSITIONARRIVAL/DEPARTURE DATESCAIRNS DIVISION

LTC(P) Kenneth D. Loveless	Commander	23 Aug 82 - Present
LTC Robert R. Parks	Commander	Dep - 22 Aug 82
MAJ Lawrence T. Smith	Deputy Commander	23 Aug 82 - Present
MAJ Warren W. Spencer	Deputy Commander	Dep - 22 Aug 82
CW3 Robert N. Cooper	Safety Officer	18 May 82 - Present
CW3 Charles D. Flook	Safety Officer	Dep - 17 May 82
CW3 James A. Summerford	Chief, Tng Scd Br	23 Nov 82 - Present
CPT Melvyn P. Mellem	Chief, Tng Scd Br	Dep - 22 Nov 82
CPT Larry A. Daniel	Chief, Tng Scd Br	Dep - 19 Jun 82
CPT Joe T. Hatfield	Chief, Contr Eval Br	19 Nov 82 - Present
MAJ Morris A. Jackson	Chief, Contr Eval Br	Dep - 18 Nov 82
MAJ Lawrence T. Smith	Chief, Contr Eval Br	Dep - 22 Aug 82
MAJ Larry Hester	Chief, Contr Eval Br	Dep - 2 Mar 82
CPT(P) Rollie J. Edwards	Cdr, UH-60 Br	4 Oct 82 - Present
CPT(P) Jack A. Cook	Cdr, UH-60 Br	Dep - 20 Sep 82
MAJ Jerry G. Lover	Cdr, Airfield Br	Entire Year
MAJ Gustavo G. Perez-Poveda	Cdr, RW Instr Br	23 Aug 82 - Present
MAJ Larry Hester	Cdr, RW Instr Br	Dep - 22 Aug 82
MAJ Lawrence T. Smith	Cdr, RW Instr Br	Dep - 2 Mar 82

HANCHEY DIVISION

LTC(P) Tommy C. Stiner	Commander	12 Jul 82 - Present
LTC John Bradley	Commander	Dep - 11 Jul 82
MAJ Robert O. Ehlers	Deputy Commander	Entire Year
CW3 Rodney M. Thomas	Safety Officer	22 Jul 82 - Present
CW2 James E. Maudlin	Safety Officer	Dep - 7 Jul 82
CPT Gratton O. Sealock II	Chief, Tng Scd Br	3 May 82 - Present
CPT James B. Coberly	Chief, Tng Scd Br	Dep - 2 May 82
MAJ William H. Bryan	Cdr, Attack Br	Entire Year
MAJ Clarence S. Ivie	Cdr, Contr Eval Br	22 Nov 82 - Present
CPT David S. Prewitt	Cdr, Contr Eval Br	Dep - 23 Sep 82
CPT Roger I. Anglin	Cdr, Contr Eval Br	Dep - 7 Apr 82
CPT James W. Hertsch	Cdr, Cargo Br	Entire Year
CPT John M. Curran	Cdr, Aeroscout Br	6 May 82 - Present
CPT Bruce G. McKenty	Cdr, Aeroscout Br	Dep - 10 May 82

LOWE DIVISION

LTC Peter H. Carr	Commander	15 Jul 82 - Present
LTC Steven B. Dodge	Commander	Dep - 13 Jul 82
MAJ Ronald D. DePue	Deputy Commander	Entire Year
CW3 James H. Raiford	Safety Officer	22 Sep 82 - Present
CW4 Melvin D. Revert	Safety Officer	Dep - 21 Sep 82
CPT(P) Thomas W. Landis	Chief, Tng Scd Br	14 Apr 82 - Present
CPT Christopher L. Cole	Chief, Tng Scd Br	Dep - 3 May 82
CPT David L. Black	Cdr, Airfield Ops Br	1 Mar 82 - Present
CPT William L. Wilson, Jr.	Cdr, Airfield Ops Br	Dep - 10 Jun 82
MAJ Marcus A. Cox	Cdr, C/NQ Br I	7 Nov 82 - Present
MAJ William R. Fesler	Cdr, C/NQ Br II	7 Nov 82 - Present
MAJ Geary W. Hancock	Cdr, NQ Br*	Dep - 7 Nov 82
MAJ Larry D. Jordan	Cdr, NQ Br	Dep - 28 Feb 82
MAJ William W. Noser	Cdr, Cbt Skls Br I	14 Apr 82 - Present
MAJ Calvin E. Ball	Cdr, Cbt Skls Br I	Dep - 28 Jun 82
MAJ William T. Carter	Cdr, Cbt Skls Br II	20 Jul 82 - Present
MAJ Roger L. Harris, Jr.	Cdr, Cbt Skls Br II	Dep - 19 Jul 82
CPT Thomas L. Schatte	Cdr, IP/MOI Br	7 Nov 82 - Present
MAJ Marcus A. Cox	Cdr, IP/MOI Br	Dep - 6 Nov 82

\*C/NQ Br was divided and two separate branches formed on 7 Nov 82.

Fifteen foreign officers were assigned as follows: Germany - ten; Holland - one; Denmark - one; Norway - two; Austria - one.

The personnel turnover rate for the period 1 January 1982 through 31 December 1982: 58%.

Authorized strength at the close of the calendar year was:

Officers	199
Warrant Officers	484
Enlisted	139
Civilians	152
	<u>974</u>

#### ACCOMPLISHMENTS:

In 1982, a total of 1,667 Initial Entry Rotary Wing (IERW) students graduated and received military aviator wings. Included in the total were 63 National Guard and 47 Reserve students, 95 Air Force officers, 68 EURO-NATO students, and four other Allied officers. In addition to the IERW students, the department graduated 2,002 aviators from advanced programs of instruction. In accomplishing this training, a total of 388,802 hours of aircraft time were flown.

Initial Entry and/or Graduate flight training was provided to military personnel from Australia, Canada, Denmark, Ecuador, Egypt, Germany, Greece, Honduras, Italy, Kenya, Korea, Lebanon, the Netherlands, Norway, Pakistan, Panama, Saudi Arabia, Singapore, Spain, Taiwan, Thailand, Tunisia, and Turkey. Graduate flight training was also provided to two US Customs Officers and two pilots from the National Aeronautics and Space Administration.

The IERW training was accomplished as follows: The TH-55 Primary training--50 hours in 8 weeks; UH-1 Transition--25 hours in 4 weeks; UH-1 Instrument training--50 hours in 8 weeks, with 20 hours in the UH-1 and 30 hours in the UH-1 Flight Simulator (FS); UH-1 Night Qualification--21.5 hours in 4 weeks, with 20 hours in the UH-1 and 1.5 hours in the FS; Combat Skills training--63.5 hours in 8 weeks, with 60 hours in the UH-1 and 3.5 hours in the FS; OH-58 training was modified to 80 hours in 12 weeks, to include Contact and Tactical Phases and qualification in Night Hawk and Night Vision Goggles. Advanced (Graduate) courses of instruction were accomplished as follows: Fixed Wing Multi-Engine Qualification Course--60 hours in 10 weeks and 2 days; OV-1 Aviator Qualification Course (AQC)--51 hours in 6 weeks and 4 days; OV-1 Instructor Pilot Course (IPC)/Methods of Instruction (MOI)--45 hours in 6 weeks and 2 days; U-21 IPC/MOI--45 hours in 6 weeks and 2 days; T-42 local IPC/MOI--30 hours in 4 weeks; Rotary Wing Qualification Course (RWQC) (US Air Force)--66 hours in 11 weeks, with 42 hours in the UH-1 and 24 hours in the UH-1FS; RWQC (US Army and Foreign Military)--70.5 hours in 12 weeks, with 42 hours in the UH-1 and 28.5 hours in the UH-1FS; Rotary Wing Instrument Course (RWIC) (Foreign Military)--37.5 hours in 6 weeks, with 7.5 hours in the UH-1 and 30 hours in the UH-1FS; (RWIC) (German)--40 hours in 6 weeks, with 15 hours in the UH-1 and 25 hours in the UH-1FS; RWIFEC--58 hours in 6 weeks, with 30 hours in the UH-1 and 28 hours in the UH-1FS; Rotary Wing Instrument IP MOI Course (RWIC IP MOI)--45 hours in 6 weeks and 1 day, with 16.5 hours in the UH-1 and 28.5 hours in the UH-1FS; Rotary Wing Aviator Refresher Training (RWART) Course--30 hours in 4 weeks, with 18 hours in the UH-1 and 12 hours in the UH-1FS; UH-1 Contact IPC/MOI--28 hours in 4 weeks; UH-1 Gunnery IPC--7 hours in 2 weeks and 2 days; UH-1 Combat Skills MOI--30 hours in 4 weeks; Night Hawk/Night Vision Goggle MOI--23 hours in 4 weeks, with 21.5 hours in the UH-1 and 1.5 hours in the UH-1FS; OH-58 IP--26.5 hours in 4 weeks and 1 day, with 25 hours in the OH-58 and an additional 1.5 hours in the UH-1FS; OH-58 Aeroscout MOI--75 hours in 11 weeks and 2 days, with 72 hours in the OH-58 and 3 hours in the UH-1FS; CH-47 AQC--39.2 hours in 7 weeks and 2 days, with 21.0 hours in the CH-47 and 18.2 hours in the CH-47 FS; CH-47 IPC--40 hours in 6 weeks and 2 days; CH-47 IP MOI--71 hours in 6 weeks and 2 days, with 40 hours in the CH-47 and 31 hours in the CH-47 FS; AH-1S AQC--38 hours in 6 weeks, 2 days; AH-1S IPC/MOI--33 hours in 6 weeks, 4 days; UH-60 AQC--15 hours in 4 weeks, 9 hours in aircraft and 6 hours in simulator; UH-60 IPC--20 hours in 4 weeks and 4 days; UH-60 MOI--20 hours in 4 weeks and 4 days.

A UH-60 MOI course was developed and implemented to more effectively utilize UH-60 pilots (non-IPs) returning to USAAVNC from field units. The UH-60 AQC and IPC incorporated the new UH-60 Flight Simulator into the syllabus on a one-for-one tradeoff of aircraft for simulator hours, for a total of 6 hours. RWIC input was doubled and UH-60 AQC input was increased by 100 students to meet current field requirements.

The AH-1S AQC gunnery program was changed significantly, aligning it with current gunnery concepts. The attack fleet has been upgraded to 30 aircraft, all AH-1SMC or FM.

Aircraft survivability training continued to be enhanced with the utilization of the Ground Radar Emitter for Training Aviators (GRETA) in the Combat Skills phase at Lowe Division and the Aero-scout track at Hanchey Division.

Personnel were furnished in the form of instructor pilots, military assistance teams, and military training teams to the following countries: Tunisia - three individuals, 333 days; Ecuador - three individuals, 537 days; Pakistan - one individual, 32 days; El Salvador - one individual, 96 days; Morocco - one individual, 125 days; Honduras - one individual, 23 days; Malaysia - three individuals, 192 days; El Salvador - one individual, 27 days; Abu Dhabi - one individual, 10 days. The Department also provided in-CONUS support of MTTs consisting of 13 individuals and 275 total days, and Reserve Component support involving 10 individuals and 502 total days.

The 1982 United States Military Academy (USMA) and ROTC Aviation Summer Training Programs were conducted in the TH-55 helicopter. One hundred and forty-nine cadets received the training and all attained solo proficiency. Hanchey Division provided each cadet with 15 hours of flight instruction. Hanchey Division also conducted a 15-hour familiarization training program for 64 flight surgeons. Forty-eight attained solo proficiency.

Military awards consisted of: 33 Meritorious Service Medals, 121 Army Commendation Medals, 41 Army Achievement Medals, and 5 Certificates of Achievement. Department of the Army Civilian Ratings/Awards consisted of: 54 Exceptional Performance Ratings, 10 Sustained Superior Performance Ratings, 3 Quality Step Increases, and 26 Highly Successful Ratings.

DOFT continued its emphasis on the Suggestion Program and had several suggestions adopted effecting substantial cash savings.

A Tactical Training Exercise (TTE) was conducted utilizing both Army and Air Force assets. Spectators included 2,000 members of the local civilian community and 57 members of the USMA Class of 1984. This exercise was designed to demonstrate the capabilities of Army aviation utilizing Aeroscout and Attack helicopter doctrine combined with Air Force close-air support. The exercise was observed by senior ranking members of the US and Netherlands Armed Forces.

A Land Leasors' Appreciation Day was designed and individuals who provide civilian land for use by Fort Rucker were invited to participate. An overview and an orientation on the post were conducted on a duty day to show the leasors the Aviation Center at work.

A significant number of VIP briefings was conducted throughout the year. These were presented to senior officers and civilians of the US Government, including US Army, US Air Force, US Navy, and dignitaries of various foreign countries. The briefings included Night Vision Goggle (AN/PVS-5A) orientations, aircraft demonstrations, Bowles Creek tactical orientation flights, and Combat Skills training flight reviews.

DOFT planned, organized, and conducted the Fort Rucker American Heritage Week during the period 19-23 August 1982. The week set aside specific days to honor each of the major cultural and ethnic groups that have contributed so much toward making America great. Each day several displays and activities were scheduled, each oriented towards a particular cultural/ethnic group, with the last day being designated All American Day. The week's activities were opened with remarks by MG Jerry M. Curry, Commander, Military District of Washington, D.C., and closed with remarks by BG James L. Dozier, Deputy CG, Ft Knox, KY, and his wife Judith.

The Department had a total of 29 aircraft mishaps, with 5 fatalities. The Department's mishap rate per 100,000 flight hours was: 7.45 for the calendar year. The mishap rates were:

Class A - 0.514  
Class B - 0.772  
Class C - 6.17

Nine aviators assigned to the Department received the Broken Wing Aviation Safety Award during the calendar year.

During the calendar year, a new automated system was developed to insure timely award of the Fort Rucker Flight Safety Award for accident-free flying hours. One hundred and ninety Certificates of Appreciation were awarded to Department personnel during ceremonies on 20 Oct 82.

The Aeroscout Branch was the recipient of the Daedalian Aviation Safety Award, which was presented at a meeting of the Army Aviation Association of America on 13 July 1982. The award was presented by BG Divich and was accepted by CPT Curran, Commander, Aeroscout Branch.

PROBLEM AREAS:

TH-55 engine failures plagued the Department from May through December, with 52+ engine failures occurring during that time frame.

Hanchey Division continued to struggle with a shortage of OH-58 aircraft available for training.

# DIRECTORATE OF TRAINING DEVELOPMENTS



## MISSION:

Directs all activities and actions encompassing the training development process in support of individual and collective training analysis, design, and development of training literature. Provides for staff and faculty development, Training and Audiovisual Support Center (TASC) services, and training aids and educational television (ETV) support. Acts for the Chief of Army Aviation in all matters pertaining to specialty code (SC) 15 and military occupational specialty (MOS) 100 personnel management and professional development. Serves as program director for training developments. Administers the United States Army Aviation Center (USAAVNC) program for accreditation by the Southern Association of Colleges and Schools (SACS).

## ORGANIZATION:

The Directorate of Training Developments (DTD) is organized into the following major elements:

Office of the Director  
 Program Management and Operations Division (PMOD)  
 Training Analysis and Design Division (TADD)  
 Aviation Career Management and Training Division (ACMTD)  
 Course Development Division (CDD)  
 Emerging Systems Division (ESD)  
 Training Literature Division (TLD)  
 Staff and Faculty Development Division (SFDD)  
 Training and Audiovisual Support Division (TASD)  
 Reserve Components Advisor (RCA)

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Ernest F. Estes	Director	Entire Year
LTC(P) James W. Lloyd	Acting Director	2 Jun - 14 Jul 82
LTC John L. Deryck	Acting Director	15 Jul - 28 Aug 82
LTC(P) James W. Lloyd	Dep Director	1 Jan - 1 Jun 82
LTC John L. Deryck	Dep Director	16 Jun - 7 Oct 82
MAJ(P) Alfred J. Davis	Dep Director	8 Oct - 31 Dec 82
Mr. Clarence C. Newsom	Dep for Educ Mgt	Entire Year
Mrs. Hellen G. Rhodes	Chief, PMOD	Entire Year
LTC Marvin E. McGraw, Sr.	Chief, TADD	Entire Year
LTC Terry J. Welch	Chief, ACMTD	28 Aug - 31 Dec 82
MAJ Alfred J. Davis	Chief, ACMTD	16 Jun - 27 Aug 82
LTC John L. Deryck	Chief, ACMTD	10 Jan - 15 Jun 82
LTC Jerry C. Kemp	Chief, CDD	1 Jan - 16 Nov 82
LTC Melvin L. Davis	Chief, CDD	17 Nov - 31 Dec 82
LTC Glenn R. Allen	Chief, ESD	Entire Year
LTC Ollie D. Kennedy, Jr.	Chief, TLD	1 Jan - 9 Jun 82
LTC Melvin L. Davis	Chief, TLD	22 Jul - 16 Nov 82
MAJ(P) Thomas C. Pool	Chief, TLD	17 Nov - 31 Dec 82
Mr. Edward A. Ewell	Chief, SFDD	Entire Year
Mr. Jimmy L. Goodson	Chief, TASD	1 Jul - 31 Dec 82
Mr. Jimmy L. Goodson	Chief, TAD	1 Jan - 30 Jun 82
Mr. Thomas B. Carr	Chief, ETV	1 Jan - 28 Feb 82
Mr. Samuel R. Barranco	Chief, ETV	9 May - 5 Sep 82
MAJ William B. Sweeney	RCA	1 Jan - 31 Dec 82

As of 31 December 1982, authorized strength was as follows: officers--98, warrant officers--13, enlisted--63, and civilians--203, for a total of 377.

#### ACCOMPLISHMENTS:

The directorate accomplished 99.9 percent of the fiscal year (FY) 82 United States Army Training and Doctrine Command (TRADOC)/Installation contract work load with 71 percent of the required personnel.

The T ASD was established 1 July 1982, combining the missions and resources of the Training Aids Division and Educational Television Division. This restructuring established an integrated TASC.

The directorate was the USAAVNC host for the training portion of the United States Army Aviation Training Symposium/Policy Committee Meeting held 15-19 November 1982. The meeting was attended by key aviation representatives from all major commands, principal Army staff agencies, and field units. The purpose of the meeting was to collectively resolve 81 aviation training and standardization issues.

The directorate participated in the Army Aviation Systems Program Review (AASPR) held 24-25 March 1982. The director served as training panel coordinator and was responsible for making preparations, monitoring sessions, and preparing the after-action report.

The director served as a panel member for the TRADOC Review of Army Aviation (TROAA) from 1 June to 30 August 1982.

Throughout the year, DTD civilian sick leave usage was consistently 35-38 percent below the TRADOC goal. The Commanding General, USAAVNC, awarded 23 members of the directorate with certificates for a high accumulated sick leave balance.

Accreditation by the SACS was substantiated.

The director was chairman of the 1982 Combined Federal Campaign for Fort Rucker and the Wiregrass area.

#### SHORTCOMINGS:

The table of distribution and allowances (TDA) manning level for the directorate averaged 91 percent of authorized end strength and 71 percent of required strength. This low strength level constrained in-depth research and study of training initiatives vital to the development of training systems to support force modernization. The shortage was further exacerbated by the requirement to support external unprogrammed priority taskings; e.g., the directorate participated in the TROAA, provided evaluators for Reserve Components (RC) active duty for training periods, and participated in major training exercises such as logistical exercises (LOGEX) and mobilization exercises (MOBEX). The reduced manning level produced a stressful work situation which inhibited individual study and innovation that might have produced major savings as well as product improvement.

Acting in the role of integrator, rather than proponent for most aviation systems, subsystems, and related equipment, made it difficult for the directorate to complete many actions with the desired timeliness.

### ***PROGRAM MANAGEMENT AND OPERATIONS DIVISION***

#### MISSION:

Serves as program manager for training developments and audiovisual services. Acts for and performs the duties of the program director on resource and work load matters. Develops manpower requirements and organizational structures in support of assigned mission. Formulates policies and procedures to administer functions within the directorate. Serves as central point of contact (POC) for military and civilian personnel matters and also as security control manager. Performs records management services for the directorate. Provides internal administrative services for the headquarters. Operates the DTD Word Processing Center (WPC). Performs programming and budgeting functions, exercises staff supervision for budget preparation and execution, and prepares required data and reports. Conducts continuous analyses of resource utilization and implements necessary reprogramming actions. Monitors actions of commercial and industrial-type activities and acts for program director in assigned areas of responsibility. Compiles, monitors, and evaluates the training development portion of the TRADOC Management Information System (TRAMIS)/Combined Arms Center Management Information System (CACMIS). Develops the DTD annual

work plan to include subject matter expert man-day requirements. Conducts review and analysis of training development activities. Prepares and coordinates Individual Training Plans (ITPs) and Individual Training Plan Proposals (ITPPs) for proponent MOS functional courses. Prepares and issues instructions for development and documentation of Program Change Proposals (PCPs) for new and revised training. Prepares DTD emergency, contingency, supporting, and mobilization plans. Formulates, plans, and manages the product interface and hand-off within/between training developments and other activities. Serves as joint action coordinator for training developments and accomplishes taskings/actions which cross organizational lines. Maintains directorate special duty rosters and processes requirements for overhead details. Supervises the DTD Message Center and Reproduction Facility and performs internal and external distribution functions.

#### ORGANIZATION:

The Program Management and Operations Division is composed of the following three branches:

- Resource and Product Management Branch
- Operations and Plans Branch
- Word Processing Center

#### ACCOMPLISHMENTS:

Completed ITPP revisions and developments as follows:

MOS 93H (Air Traffic Control Tower Operator), MOS 93J (Air Traffic Control Radar Controller), and MOS 71P (Flight Operations Coordinator). Revised ITPPs expand milestone schedules through FY 89 and updates resource requirements based on resident course changes.

AH-64A aircraft. The revised ITPP incorporates new aviator training concepts by adding the requirement for AH-64 pilot night vision sensor (PNVS) training in the AH-1S surrogate trainer. Milestone schedules were extended through FY 89 and resource requirements were updated.

Air Traffic Control NCO Advanced Course. The new ITPP provides resource requirements, work load information, and milestone schedules through FY 89 relating to training strategy, methodology, and training products for MOSs 93H40, 93J40, and 71P40.

Completed PCPs to include resource requirements for the following programs of instruction (POI):

CH-47 Aviator Qualification Course. This revised course incorporates unique aviator training tasks and requirements for the new CH-47D aircraft and updates aviator training requirements for the CH-47B and CH-47C aircraft. The course includes contact, instrument, and mission equipment training requirements.

CH-47 Instructor Pilot Course. This revised course incorporates unique instructor pilot (IP) training requirements for the new CH-47D aircraft and CH-47 flight simulator, updates IP training for the CH-47B and CH-47C aircraft, and adds Night Hawk/Night Vision Goggle (NH/NVG) training.

UH-60 Combat Aviator Qualification Course. This completely restructured and expanded course incorporates updated aircrew qualification requirements, includes flight tasks in the UH-60 flight simulator, adds NH/NVG training, and expands combat skills training.

Officer/Warrant Officer Air Traffic Control Course. This revised course provides training for the administration, operation, and management of fixed base and tactical air traffic control (ATC) facilities.

Air Traffic Control Tower Operator Course. This revised course provides advanced individual training (AIT) for qualification and award of MOS 93H10. The revision incorporates common soldier tasks, aligns technical training requirements with the updated task list and soldier's manual for MOS 93H10, and adds mobilization training requirements.

Air Traffic Control Radar Controller Course. This revised course provides AIT for qualification and award of MOS 93J10. The revision incorporates common soldier tasks, aligns technical training requirements with the updated task list and soldier's manual for MOS 93J10, and adds mobilization training requirements.

Flight Operations Coordinator Course. This revised course provides AIT for qualification and award of MOS 71P10. The revision incorporates common soldier tasks, aligns technical training requirements with the updated task list and soldier's manual for MOS 71P10, and adds mobilization training requirements.

Air Traffic Control NCO Advanced Course. This revised course provides training at skill level four for MOSs 93H, 93J, and 71P. The revision aligns the technical training requirements with the updated task lists and soldier's manuals for MOSs 93H40, 93J40, and 71P40.

Developed training development resource impacts for the Interservice Training Review Organization Study 222, Consolidation of Air Traffic Control Training. Phase II of the study was completed in April 1982 with a recommendation to consolidate Army and Air Force ATC training at Keesler Air Force Base, Mississippi. Phase III of the study which includes implementation plans, milestones, and procedures is still in progress.

Developed a complete training development activity and function flow chart network as a model for the AH-64A training development process. The model includes network diagrams and explanations for the ITPP, POIs, training analysis, training design, training devices and flight simulators, cost and training effectiveness analysis (CTEA), aircrew training manuals, training extension course (TEC) lessons, ETV productions, and training aids development processes.

Developed new systems resource requirements for the FY 83 Command Operating Budget with resource forecasts for FY 84. Systems included the AH-1S, AH-64A, OH-58C, OH-58D (Army Helicopter Improvement Program (AHIP)), UH-60, CH-47D, HELLFIRE missile, and air-ground engagement system (AGES).

Developed training development work load and resource requirements to support the Army Training 1990 Action Plan for FYs 83-89.

Developed training development plans and resource requirements for the Modernization Resource Information System for FYs 85-89. Systems included the AH-64A, OH-58D (AHIP), UH-60, CH-47D, and AGES.

Developed training development plans and resource impacts for the TRADOC OV-1 Consolidation Study. The study addressed the feasibility and practicality of consolidating OV-1 aircraft and mission training at either Fort Huachuca, Arizona, or Fort Rucker, Alabama. The study concluded in September 1982 with OV-1 training remaining split between Fort Rucker for aircraft qualification and Fort Huachuca for mission training.

Provided a central POC for control functions during the FY 82 Annual General Inspection in July 1982. Laudatory comments were received for official mail, fire prevention, and operations security functions.

Provided player participation for Command Post Exercise Proud Saber/MOBEX 83 during October-November 1982. Training development actions, requirements, and coordination inputs were accomplished. TRADOC Elements of Essential Evaluation were completed. They address the efficacy of revised mobilization POIs and the feasibility of using tunnel ranges, simulators, and training aids to overcome range and tactical weapon system shortages.

Developed and managed the FY 82 operating budget of \$6.089M which included three Army management structure codes involving 29 accounting processing codes. Provided training development input for the TRADOC/Installation contract and monitored its accomplishment.

Updated FY 83 and developed FY 84 work load and manpower requirements for the TRADOC Training Developments Review of Manpower. Documented and provided input data for the Training Management Information Control System. There were 358 manpower requirements validated for FY 83 and 389 for FY 84.

Provided training development input supporting the financial planning for the 40th Birthday of Army Aviation and Fort Rucker.

Provided TRADOC with performance data to revise staffing factors for POI development.

Developed, updated, and implemented training development work plans for FYs 82 and 83. The FY 82 plan included 659 resourced actions and 385 unresourced actions. The FY 83 plan included 739 resourced actions and 111 unresourced actions.

Maintained FY 82 training developments portion of the TRAMIS/CACMIS which involved 1,240 separate actions and provided input for 913 FY 83 actions.

Maintained the USAAVNC portion of the Army Extension Training Information System, Training Effectiveness Analysis Information System, and Devices and Systems Training Information System.

Accomplished initial USAAVNC planning for implementation of the Army Training Information System and for the expanded use/application of the Training Development Information System.

A TRADOC evaluation of the Training Requirements Analysis System/Individual Training Plan was completed in April 1982. The evaluation included training development processes, products, and procedures. There were no shortcomings.

The Word Processing Center produced 77,000 typed pages during calendar year 1982 in support of institutional and exportable training.

## ***TRAINING ANALYSIS AND DESIGN DIVISION***

### MISSION:

Provides input to Course Development Division for the development or revision(s) of POIs. Acts on feedback data and learning/training assessments from the field, Commanding General, Directorate of Training and Doctrine (DOTD), Directorate of Evaluation and Standardization, and command and staff visits. Performs Phase I (Analysis) and Phase II (Design) of the Systems Approach to Training Process for USAAVNC proponent ITPs for officer, warrant officer, and enlisted specialties. Coordinates with the United States Army Military Personnel Center (MILPERCEN) in the preparation of Army Occupational Survey Program questionnaire items. Conducts analyses of training requirements for existing aviation systems and subsystems. Assists in determining training needs for the Reserve Components. Develops soldier's manuals, trainer's guides, job books, and skill qualification tests (SQT) for proponent enlisted specialties 71P, 93H, and 93J. Develops Army Training and Evaluation Programs (ARTEP) for USAAVNC proponent units. Develops and publishes United States Army Aviation Annual Written Examinations (AAWE).

### ORGANIZATION:

The Training Analysis and Design Division is composed of the following two branches:

- Training Analysis Branch
- Training Design Branch

### ACCOMPLISHMENTS:

Completed the following new Instructional Systems Development (ISD) actions:

- Front end analysis and design for MOSs 71P, 93H, and 93J.
- Front end analysis and design of CH-47D Aviator Qualification training.
- Front end analysis and design of Initial Entry Rotary Wing (IERW) training.
- Front end analysis and design of Rotary Wing Instrument Flight Examiner training.

Reviewed and updated the front end analysis for 23 courses and reviewed and updated the design of training for 34 courses.

Developed, validated, and distributed 24 versions of the 1983 AAWE for testing approximately 16,000 Active and Reserve Component aviators.

Conducted validation of the AAWE for the first time at an installation (Fort Hood) other than Fort Rucker.

Confirmed the validity of the AAWE as an effective instrument for measuring an aviator's proficiency.

Revised the Enlisted Training Strategy to conform to Army Training 1990 concepts.

Prepared chapter 12, "Training," of the Army Aviation Mission Area Analysis (AAMAA) and chapter 4, "Training," of the Army Aviation Development Plan (AADP).

Completed front end analysis, validated, and developed ARTEP 1-252, Headquarters and Headquarters Detachment, Combat Aviation Group/Battalion (Nondivisional).

Developed notices, skill components, and hands-on components for 12 SQTs for MOSs 71P, 93H, and 93J.

Developed the Safety Action Plan for the Maneuver Review Analysis.

Performed a physical demands analysis for women in the Army.

## **AVIATION CAREER MANAGEMENT AND TRAINING DIVISION**

### MISSION:

Responsible for the management and direction of two major Army aviation missions: Review of Education and Training for Officers (RETO) and Aviation Specialty Proponency (AR 600-1). Within the RETO area, meets established RETO milestones and insures that aviation-specific subjects are integrated into the officer basic courses and officer advanced courses of host/carrier branch schools having an aviation responsibility. Serves as proponent for the officer basic course at each aviation carrier branch school. Enhances the accession of aviation personnel by developing materials to publicize aviation at the Reserve Officers' Training Corps (ROTC) level. Develops mobilization training contingencies, outlines for specialty training for officers and warrant officers, and military qualification standards and training support packages for aviation personnel in Active and Reserve Components. As the aviation specialty proponent, insures the Aviation School is well attuned to issues of the day. Serves as the single USAAVNC POC for all specialty proponent actions. Develops and gives priority to specialty proponent actions/issues to improve management of aviation personnel and interfaces these management considerations with other aspects of aviation. Enhances the viability and vitality of the Proponency Committee with respect to aviation issues and actions through a constant interchange of ideas and information. As vital issues are raised, helps develop an Aviation School position for consideration by the Commanding General, USAAVNC. Shares the adopted position within the Aviation School and projects the position outside the school not only to other proponent schools and higher headquarters but also to the constituency.

### ORGANIZATION:

The Aviation Career Management and Training Division is composed of the following two branches:

- Management Branch
- Review of Education and Training for Officers Branch

### ACCOMPLISHMENTS:

Hosted the Aviation Faculty Advisors Conference on 11 February 1982 and provided an aviation update to representatives from the aviation carrier branch schools.

Hosted the Aviation Update Conference from 7 to 9 December 1982 and provided an aviation update to representatives from the aviation carrier branch schools.

Initiated the Reserve Component (RC) RETO effort. This was facilitated by the assignment of a Reserve Component action officer.

Conducted the SC 15 Company Grade Officer Task Selection Board from 15 to 19 March 1982. Tasks for training SC 15 company grade officers were selected.

Conducted the SC 15 Company Grade Officer Site Selection Board from 10 to 14 May 1982. Training sites for SC 15 company grade officers were selected.

Developed SC 15 information publications for distribution at carrier branch schools.

Developed chapter 4, "SC 15," and chapter 5, "Aviation Warrant Officer," of the Army Training 1990 Action Plan which describe commissioned and warrant officer RETO implementations.

Developed and fielded the Aviation Warrant Officer (AWO) Occupational Survey which identifies those tasks, skills, knowledges, responsibilities, and equipment associated with AWO duty positions.

Developed an aviation information packet and briefing for distribution to ROTC units, United States Military Academy, and the Branch Immaterial Officer Candidate Course.

Prepared the Aviation Carrier Branch School Company Grade Officer SC 15 Training Voids Analysis.

Provided input to TRADOC on the SC 15 Company Grade Officer Training Strategy.

Provided input for the development of an overall Army Aviation Proponent and Integration Functions Charter document. This document outlines the responsibilities of aviation proponent assignments as they pertain to mission-oriented doctrine development and training responsibilities.

Developed Minimum Education Qualification Standards for SC 15 which require that accessions include an increased number of "hard skill" disciplines.

Developed, published, and distributed a pamphlet on assignment, mission, and utilization by aircraft for use by IERW students.

Published a USAAVNC memorandum on aviation specialty proponent responsibilities. This memorandum identifies and explains the responsibilities of the Aviation Specialty Proponency Committee and of each proponent agency within USAAVNC and how they routinely handle aviation specialty proponent matters.

Developed USAAVNC response to the United States Army Intelligence Center and School regarding military intelligence-aviation proponent issues developed at Fort Huachuca, Arizona.

Developed USAAVNC position for submission to TRADOC and Soldier Support Center which recommended the establishment of a new career management field (CMF) for MOSs 71P, 93E, 93H, and 93J with the USAAVNC as proponent.

Initiated action for Soldier Support Center to sponsor an independent study to determine the automatic data processing requirements for each TRADOC school.

Conducted a USAAVNC Advanced Education Review Board to validate educational requirements of commissioned officer (SC 15) and warrant officer (OG 10) positions.

Researched and provided input to MILPERCEN on advanced aircraft tracking which established selection criteria for warrant officers considered for CH-47 and AH-64 training.

Provided USAAVNC input for revision of TRADOC Circular 352-5.

Completed USAAVNC action recommending that AWOs and 68-series enlisted personnel be awarded an additional skill identifier upon completion of aviation life support equipment training.

Developed USAAVNC position on the impact that Force Alignment II (Command Grade Ceilings) would have on SC 15 personnel management.

Identified for TRADOC those AWO TDA duty positions that should be coded 4A to indicate a requirement that graduation from the Warrant Officer Senior Course is an assignment criterion.

## ***COURSE DEVELOPMENT DIVISION***

### **MISSION:**

Performs the development phase of the TRADOC-directed Systems Approach to Training. Writes and develops POIs and related training materials for institutional and individual extension training to include Army Correspondence Course Program (ACCP) subcourses and TEC lessons. Coordinates and validates the preparation of institutional and extension training materials. Updates and

coordinates changes to institutional and extension training based on comments/feedback from students, other service schools, major commands, training centers, and other interested agencies. Prepares scripts and validates programs in support of the USAAVNC ETV and Department of the Army Audiovisual Production Program (DAAPP).

ORGANIZATION:

The Course Development Division is composed of the following three branches:

- Project Management/Coordination Branch
- Flight Systems Training Development Branch
- Enlisted Personnel Management System/Officer Personnel Management System Training Development Branch

ACCOMPLISHMENTS:

Developed POIs and related training materials for the following courses:

- CH-47 Instructor Pilot
- CH-47 Aviator Qualification
- UH-1 Combat Skills MOI (D/N/NH/NVG)
- UH-1 Combat Aviator Refresher Training
- UH-60 Combat Aviator Refresher Training
- Aviation Survival, Evasion, Resistance, Escape, and Rescue

Reviewed/revised 25 POIs and related training materials.

Developed the following ACCP subcourses:

- AV0916, Facility Personnel Staffing
- AV0921, Establish NAVAIDs and ATC Facilities
- AV0924, Standard Instrument Departures
- AV2024, Nonaviator Flight Qualifications
- AV2031, Tactical Operations Center (TOC)
- AV2040, Incentive Flight Pay

Reviewed/revised 29 ACCP subcourses.

Developed TEC lessons on the following subjects:

- 5001F, General Systems and Components UH-60, Part I
- 5005F, UH-60A Electrical Systems, Part 2
- 5301F, AH-1S Preflight Inspection, Part I
- 5813F, The Night Scanning Pattern
- 5814F, Distance Estimation and Depth Perception at Night
- 5818F, Visual Illusions, Part 1
- 5821F, Using Tactical Field Lighting System
- 5825F, Define Terms Associated with Hemispherical Illuminations
- 5827F, Safety Limitations for NH/NVG Training Operations
- 5845F, NN/NVG Terrain Flight Aircrew Duties
- 6245F, Install the Aircraft Control Central AN/TSQ-70A, Part 1
- 6254F, Install and Prepare the PU-619/M Power Unit for Operation

Completed required materials outlining and supporting lesson development requirements for 112 TEC lessons presently under contract.

Participated in the Leadership and Ethics Seminar conducted at Fort Leavenworth, Kansas. The purpose of this seminar was to discuss the latest developments in the areas of lieutenant and captain leadership and ethics training and to assist in the development of warrant officer leadership and ethics training.

Participated in the Military History Workshop conducted at Fort Leavenworth, Kansas.

Participated in the Annual Organizational Effectiveness for Instructors and Developers Conference hosted by Fort Ord and conducted at Monterey, California. The purpose of this conference was to inform instructors and course developers of the new aspects and studies conducted over the past year.

Established and coordinated a special study group to review and revise the Aviation Pre-Command Course to determine and implement risk management training.

Participated in the Interservice Training Review Organization comprised of members from the Army, Navy, Marine Corps, and Air Force. The purpose was to determine the feasibility of consolidating ATC training for the four services at one location.

Provided administrative support and coordination for the Training Panel Coordination Meeting (three separate sessions) which included planning, preparing, and facilitating a panel presentation at the AASPR.

Formed a special study group to review and revise the current IERW program to include increased tactical and officer professional development training.

### **EMERGING SYSTEMS DIVISION**

#### MISSION:

Plans and coordinates training development actions to support emerging aviation systems, sub-systems, and related equipment. Provides training development liaison and interface regarding the development of aviation systems, subsystems, and related equipment with all major commands to determine their impact on aviation resident and nonresident training. Performs CTEAs, training development studies, and other analytical studies. Participates in and monitors the development of simulators and training devices by acting as the TRADOC user representative.

#### ORGANIZATION:

The Emerging Systems Division is composed of the following three branches:

- New Equipment Training Development Branch
- Training Devices Branch
- Systems Analysis/Studies Branch

#### ACCOMPLISHMENTS:

Significantly improved early training developer interface with combat and materiel developer and civilian industry on aviation systems such as the AH-64A Attack Helicopter, AHIP, AGES, Air-to-Air Stinger (ATAS), Joint Vertical Experimental (JVX) aircraft, and Light Helicopter Experimental (LHX). Developed extensive training plans for AH-64 Instructor Key Personnel Training (IKPT) and the AH-64 Aviator Qualification Course and coordinated with the United States Army Armor Center regarding unit training requirements. Finalized AH-64 training device and simulator requirements and identified key USAAVNC personnel and facility requirements.

Participated in the United States Army Materiel Development and Readiness Command (DARCOM) Project Manager Training Devices (PM TRADE) Source Selection Evaluation Board process to review AH-64 Combat Mission Simulator (CMS) visual systems proposed by the two competing contractors (Martin-Marietta and Singer-Link).

Provided leadership to a USAAVNC team consisting of AH-64 and PNVs qualified aviators and representatives from the DOTD. This team identified visual system limitations in the PNVs and nap-of-the-earth capabilities presented by both contractors but established that effective training would be possible in a CMS delivered with the demonstrated capabilities. The USAAVNC team requested that PM TRADE encourage industry innovativeness to overcome the demonstrated limitations.

Developed the Concept Evaluation Program (CEP) for the PNVs to determine required student entry levels, system availability for training, and skill retention levels for the AH-64 IKPT and Aviator Qualification Course. The CEP was approved as a Training Effectiveness Evaluation by TRADOC on 10 May 1982. Four groups of four subjects each were qualified and tested by the United

States Army Aviation Board (USAAVNBD). Data from these tests will be used to determine the most effective PNVIS training program for future AH-64 pilots.

Completed a CTEA concerning the procurement of a throttle correlation device for the TH-55 helicopter.

Completed an Independent Evaluation Report (IER) on NH/NVG weather minimums. The IER was based on a recently completed test in Germany by the USAAVNBD and established ambient light levels that can be used to determine when night training can be accomplished.

Developed an in-house capability to complete reliability, availability, and maintainability (RAM) rationale annexes for training devices (including simulators).

Coordinated, staffed, and conducted joint work groups for training device requirements for the following aviation training devices (included RAM rationale annexes and training development studies when required):

- Simulated Laser Target
- Doppler Navigation Trainer
- AHIP Cockpit Procedures Trainer
- AH-1 Armament Procedures Trainer
- UH-60 Part Task Trainers (upgrade)
- GAT-2 DME Receiver Modification Kit
- Tactical Radar Threat Generator (TRTG)
- UH-60 Cockpit Emergency Procedures Trainer
- Helicopter-Installed Television Monitor and Recorder Equipment (HITMORE).

Coordinated and provided trainer input to the following individual collective training plans:

- CH-47D Helicopter
- Air-to-Air Stinger (ATAS)
- AH-64A Advanced Attack Helicopter (AAH)
- Army Helicopter Improvement Program (AHIP)
- Joint Tactical Microwave Landing System (JTMLS)
- Aviator's Night Vision Imagery System (ANVIS)

Provided training assessment input to basis of issue plans and qualitative and quantitative personnel requirements information for 22 proponent/nonproponent systems.

Researched and coordinated training developer input to the following aviation documents, plans, and conferences:

- AAMAA
- AASPR
- AirLand Battle 2000
- Army Training 1990's
- Force Modernization Training
- Flight Simulator Steering Group
- United States Army Aviation Training Symposium and Policy Committee Meeting

Prepared and coordinated a training film, technical manuals, and an operator's checklist for the AN/APN-215 Airborne Weather Radar Set for inclusion in existing training courses.

Collected data and coordinated and finalized a draft exportable training package for the helicopter oxygen system.

Wrote an extensive acceptance test plan for the AH-1 flight and weapons simulator which will allow any operator to completely check the first production model simulator to insure it adequately satisfies user requirements.

Hosted the semiannual meeting of the work group on simulation for the American Institute of Aeronautics and Astronautics.

Hosted a 2-day meeting of TRADOC, DARCOM, and DA representatives for a review of the Army Flight Simulator Program. Attendees were provide an update on the status of all Army Flight Simulators, and plans were discussed regarding future training effectiveness testing and simulator procurement and stationing.

## **TRAINING LITERATURE DIVISION**

### MISSION:

Responsible for USAAVNC portion of TRADOC Army-wide Training Literature Program requirements. Develops and coordinates the preparation of proponent field manuals (FMs), DA pamphlets, training circulars (TCs), and augmentation training publications. Reviews organizational and materiel documents pertaining to aviation training literature. Researches, develops, reviews, revises, and prepares proponent aircrew training manuals. Provides interface with the Directorate of Combat Developments to insure training publications are developed in consonance with international Standardization Agreements (STANAG) and coordinates final draft manuscripts to insure compliance with STANAGs and Quadripartite STANAGs. Maintains individual files for each aviation training publication.

### ORGANIZATION:

The Training Literature Division is composed of the following two branches:

- Publications Development Branch
- Publications Production Branch

### ACCOMPLISHMENTS:

Completed and forwarded the following publications to the United States Army Training Support Center, Fort Eustis, Virginia, for printing and subsequent distribution to the Army-wide aviation community:

ARTEP 1-252, Headquarters and Headquarters Detachment, Combat Aviation Group/Battalion (Nondivisional)

- FM 1-202, Environmental Flight
- FM 1-230, Meteorology for Army Aviators
- FM 1-300, Flight Operations and Airfield Management
- FM 1-301, Aeromedical Training for Flight Personnel
- FM 1-134, Aircrew Training Manual: Commander's Guide, Change 1
- FM 1-135, Aircrew Training Manual: Utility Helicopter, Change 1
- FM 1-136, Aircrew Training Manual: Attack Helicopter, Change 1
- FM 1-137, Aircrew Training Manual: Observation Helicopter, Change 1
- FM 1-138, Aircrew Training Manual: Utility Helicopter (UH-60), Change 1
- FM 1-139, Aircrew Training Manual: Cargo Helicopter, Change 1
- FM 1-144, Aircrew Training Manual: Surveillance Airplane, Change 1
- FM 1-145, Aircrew Training Manual: Utility Airplane, Change 1

Completed production of the AAMAA.

Established a special production task force to assist in producing the AADP.

Revised USAAVNC Chart 4, Standard Army Aircraft, and distributed it to over 600 aviation and nonaviation commanders at brigade, battalion, and company levels. This chart pictorially displays major aircraft in the Army inventory, lists key aviation systems officer, and depicts various aircraft characteristics.

Served as DTD project division for the 1982 United States Army Aviation Training Symposium/Policy Committee Meeting.

## **STAFF AND FACULTY DEVELOPMENT DIVISION**

### MISSION:

Develops policies and procedures relating to the operation of the Staff and Faculty Development Division program. Conducts ISD, supervisor, programmed and self-paced, academic instructor and

training manager, and other related training. Develops and conducts other POIs for school staff and faculty training in counseling techniques. Conducts academic training for IPs.

ACCOMPLISHMENTS:

Offered the courses shown below for a total of 617 completions.

Skills Qualification Test Workshop	3
Criterion Testing and Learning Objectives Workshop	11
Educational Statistics Workshop	16
Action Officers' Workshop	27
Tracked Action Officer's Workshop	30
Criterion Referenced Instruction Workshop	50
Advanced Counseling and Human Relations Course	50
Instructional Systems Development Workshop	95
Counseling and Human Relations Course	159
Instructor Training Course	176

Awarded eight senior and four master instructor ratings.

Prepared and coordinated the Annual Report to the SACS.

Revised, coordinated, and distributed USAAVNC Pamphlet 350-10, Training: Staff and Faculty Development Program.

Revised all POIs and lesson plans. Completed POIs for the Combat Development Orientation Course, Educational Statistics Workshop, and Training Requirements Analysis Systems/Individual Training Plan Workshop. Implemented the Contracting Officer's Representative Course.

Assisted in training six DA career interns. The 2-year training program was begun for three DA career intern education specialists (GS-5). Three DA career intern education specialists (GS-7) entered the last year of their training programs. The Fellowship and Stay-in-School programs were supported by the employment of one individual under each program.

Dr. Charles A. Wooding was assigned as a summer-hire education specialist in support of the Historically Black Colleges Program. Dr. Wooding's appointment was from June to September 1982.

**TRAINING AND AUDIOVISUAL SUPPORT DIVISION**

MISSION:

Acts as a single POC for coordination of training aids requirements. Responsible for a centralized multimedia consultation service. Controls and distributes work requests, establishes priorities, assures quality, and provides responsive service. Provides training aids support for the USAAVNC and United States Army Reserve (USAR), National Guard (NG), and ROTC units assigned within the Fort Rucker geographic support area. Directs and produces ETV programs to support instruction at USAAVNC, in RC and NG aviation units, and for the DAAPP Army-wide distribution schedule. Operates and maintains facilities for product distribution through the on-post, closed circuit cable, playback system. Records tape duplicates for use with video cassette playback units. Provides supported units and activities with a wide variety of training aids, particularly 35mm slides, transparencies, graphic training aids, and devices. Provides additional services in support of Army aviation subjects taught by military installations worldwide.

ORGANIZATION:

The Training and Audiovisual Support Division is composed of the following six branches:

- Administrative and Supply Branch
- Graphics Branch
- Devices Branch
- Electronics Branch
- Photographic Branch
- Educational Television Branch

#### ACCOMPLISHMENTS:

Produced high quality graphic items, such as master art for charts, 35mm slides, overhead transparency masters and copies, black-and-white printing plant masters, embossed signs for academic instructors and class identification, and miscellaneous graphic services, for a total of 32,730 end items.

Completed production of 25 contract instructional television tapes.

Dubbed 1,824 videotapes for local and worldwide training use.

Produced and exported 13 VIDEOTECH productions.

Videotaped the 1982 AASPR.

Produced three television tapes for United States Army Recruiting Command (USAREC).

Supported Fort McClellan, Alabama, in production of four television tapes for USAREC.

Fabricated training devices at a high level of production and quality. Some devices required exceptional skills in the mechanical and electronic components used to simulate actual operations. Some of the more noteworthy devices were as follows:

- Multimeter Mockup
- AH-1S Cockpit Mockup
- T53-L-13 Engine Cutaway
- CMF Training Devices for MOSs 67N and 67V
- Radio Magnetic Indicator (RMI)/Compass Trainer
- UH-60A Electrical and Hydraulic Trainer Modification
- UH-60 Center Display Unit/Pilot Display Unit (CDU/PDU) Display Panel Trainer
- UH-60 Horizontal Situation Indicator/Vertical Situation Indicator (HSI/VSI) Trainer

Processed an exceptional number of photographic support items for a variety of users. The majority of items produced were color prints, 35mm color slides, and black-and-white prints. A total of 725,034 negative equivalents were fabricated.

Processed audiovisual supply requests from all areas within the Fort Rucker geographic area. Provided many pieces of audiovisual hardware of various designs for use in presenting training messages. This hardware included 16mm projectors, 35mm projectors, overhead projectors, opaque projectors, Beseler Cue See projectors, audiotape cassette players, sound reinforcement equipment, and Sony television trainers.

Provided requesters with software which consisted of 16 films, cassette tapes, DA-approved overhead transparencies, and paper flip charts. Processed a total of 374,589 audiovisual support items.

### **RESERVE COMPONENTS ADVISOR**

#### MISSION:

Advises the Commanding General, USAAVNC, through the DTD, on matters relating to the USAR Aviation Training Program. Prepares and reviews aviation-related training materials that are taught by the USAR schools. Develops policies and procedures for implementing Army training and evaluation programs for RC units. Participates in the design and evaluation of resident courses that are specifically reconfigured to meet RC requirements. Serves as POC at Fort Rucker for assisting RC units in obtaining exportable training support materials from the USAAVNC. Participates in the mobilization process to include mobilization planning and exercises.

#### ACCOMPLISHMENTS:

Developed the MOS 71P, Flight Operations Coordinator, exportable training course which is taught by six USAR schools.

Completed phases I, II, and IV of the Warrant Officer Senior Course (RC).

# DIRECTORATE OF COMBAT DEVELOPMENTS

## MISSION:

Serves as program manager for action encompassed by the force developments/combat developments process for which the United States Army Aviation Center (USAAVNC) is proponent; insures necessary and effective interface, hands-off, and integration with USAAVNC training developments, training and training analysis and evaluation programs, and other related actions.

## ORGANIZATION:

The Directorate of Combat Developments (DCD) consists of the following:

- Program Management Office
- Test and Evaluation Office
- Concepts and Studies Division
  - Concepts Branch
  - Study Group I
  - Study Group II
  - Study Group III
  - Study Group IV (Task Force 86)
  - Scenario Oriented Recurring Evaluation System (SCORES) Branch
  - Threat Branch
- Organization Division
- Materiel Systems Development Division
  - Systems Branch
  - Avionics, Visionics, Electronic Warfare (EW) Branch
  - Reliability, Availability, Maintainability (RAM) Branch

## KEY PERSONNEL

## POSITION

## ARRIVAL/DEPARTURE DATES

COL Clark A. Burnett	Director	Entire Year
MAJ Larry G. Holder	Executive Officer	Entire Year
Mrs. Margarite Hodges	C, Program Officer	Entire Year
LTC Thomas J. Tarpley, Jr.	C, Test & Eval Ofc	1 Jan 82 - 14 Jun 82
LTC William T. McMahan	C, Test & Eval Ofc	15 Jun 82 - Present
LTC(P) Kenneth E. Kimes	C, Conc & Stu Div	Entire Year
MAJ Harry Kramer	C, TF 86	1 Jan 82 - 14 May 82
MAJ(P) Donald L. Trent	C, TF 86	15 May 82 - Present
LTC Stephen S. MacWillie	C, Organization Div	1 Jan 82 - 1 Aug 82
MAJ(P) Thomas D. Harmon	C, Organization Div	2 Aug 82 - Present
LTC John A. Lasch III	C, Mat Sys Dev Div	1 Jan 82 - 24 May 82
LTC Stephen D. Ballard	C, Mat Sys Dev Div	25 May 82 - Present
LTC George Coutoumanos	Special Project Off to Director for Army Aviation Sys Program Review (AASPR)	1 Jan 82 - 11 Apr 82

## **PROGRAM MANAGEMENT OFFICE**

## MISSION:

Develops and maintains the combat developments and Training and Doctrine Command (TRADOC) Systems Managers (TMS) portions of the TRADOC Management Information System (TRAMIS) and the Combined Arms Center Management Information Systems (CACMIS). Develops and coordinates personnel and

monetary requirements in support of Department of Defense and Department of Army directed study groups and other special studies. Performs program and budget functions for DCD and TSMs to include supervision, preparation, execution, analysis and fund certification, and control of Program 208018 and Research and Development Test and Evaluation (RDTE) funds. Provides internal administrative support for DCD to include civilian personnel actions, preparation and maintenance of reports, records management of central files, and operation of message center.

Provides logistical support for the TSMs. Conducts analysis of resource utilization and performs extensive reprogramming. Develops manpower requirements and organizational structures in support of assigned mission. Serves as DCD security control manager. Serves as the COSMIC (NATO) Control Point for USAAVNC. Serves as the host activity and liaison office to the USAAVNC Special Security Office (SSO). Operates computer terminal facility to support the DCD Study Program, the USAAVNC portion of TRAMIS and CACMIS, and the US Army Aviation Board Test Resource Management System (TRMS). Manages the operation of the Word Processing Center (WPC).

## **TEST AND EVALUATION DIVISION**

### MISSION:

Acts as Test Manager and performs Independent Evaluations from the operational user perspective of aviation equipment, organizations, systems, related ancillary equipment, and innovative concepts for which the USAAVNC is proponent. Assists other schools/centers and organizations at higher headquarters in aviation related evaluations for which the USAAVNC is not designated the proponent.

### SCOPE:

Plans operational testing strategy to include test schedule planning, scope of testing required, and provides issues for the test agency. Conducts Independent Evaluation to provide an overall assessment of the materiel, force structure, or concept. Evaluation is based on, but not limited to, user tests. Typical user tests in which the Test and Evaluation Division is involved include Operational Tests (OT I and OT II), Follow-On Evaluations (FOE), Force Development Tests and Experimentations (FDTE), Product Improvement Proposal (PIP) Tests, Concept Evaluation Programs (CEP), Exploitations, Innovative Tests, and Joint User Testing.

### ACCOMPLISHMENTS:

Listed below are the projects/goals completed by Test and Evaluation Division during 1982. This includes the preparation and staffing of Independent Evaluation Plans (IEP), Independent Evaluation Reports (IER), CEP, and Test Support Packages (TSP). Staffing of each document involved providing draft copies for comments/recommendations both locally and to interested agencies throughout the TRADOC community in preparation for submitting the document to HQ TRADOC for approval.

Independent Evaluation Plans/Concept Evaluation Plans/Waivers/Test Support Packages.

Airborne Target Handoff System (IEP).

AN/ASN-132 Integrated Inertial Navigation System (IEP).

Trial Mace III (IEP).

AN/APR-39A (XE-1) Radar Warning Receiver (IEP).

Inflatable Body and Head Restraint System (IBAHRS) (IEP).

UH-60 Hover Infrared Suppressor System (HIRSS) (IEP).

UH-60 External Stores Support System (ESSS) (IEP).

Liquid Methane Fuel for the TH-55 (CEP).

Heading Reference Set Alignment Procedure Validation for AN/ASN-43 with Doppler Navigation Set (CEP).

Independent Evaluation Reports/Concept Evaluation Reports.

Cavalry Brigade (Air Attack) (CBAA) (IER input).

Combat Support Aviation Battalion (CSAB) (IER).

Headquarters and Headquarters Company, CSAB (IER).

General Support Aviation Company, CSAB (IER).

Aviator Night Vision Imaging System, AN/AVS-6 (IER).

T-700 Engine Water Wash System (CEP Letter Report).

Input, Documentation Review, and Test Monitoring.

Tri-Service Test and Evaluation Master Plan for Mark XV IFF.

Advanced Narrow-Band Digital Voice Terminal (ANDVT) Test and Evaluation Master Plan.

Position Locator Reporting System (PLRS) Test Plans.

"Have-Quick" test plans.

Light Air Cavalry Troop Concept Evaluation.

Army Helicopter Improvement Program (AHIP) OT II.

High Technology Light Brigade (HTLB) evaluation planning.

Light Helicopter Family (LHX) planning.

Joint Interoperability of Tactical Command and Control Systems (JINTACCS) message format and scenario review for compatibility and interoperability testing.

Provided CBAA evaluator at Fort Lewis, Washington, January-May 1982.

Monitored CBAA testing March-May 1982 and participated in CBAA IER briefings October-December 1982.

Managed test program and monitored testing of Aviator Performance Assessment in a Chemical Environment (APACHE).

Input to development and coordination to terminate Army participation in the United States Air Force (USAF) Laminated Garment Program.

Attack Helicopter Tactics Development (TAC EVAL II).

Exploitation Program for joint evaluations.

Forward Arming and Refuel Point (FARP) evaluation.

Provided Subject Matter Expert for development of TRADOC Independent Evaluation Course.

Minimum Change/Minimum Risk (MC/MR) Protective Mask.

DO 49 - Concept testing of chemical defensive techniques.

SHORTCOMINGS:

Independent Evaluation Plans for the UH-60 External Stores Support System and the Hover Infrared Suppressor System were submitted late for Combined Arms Center (CAC) approval, causing the Outline Test Plan (OTP) for the former to be submitted out-of-cycle.

## CONCEPT AND STUDIES DIVISION

### MISSION:

To develop and support the development of new organizations, doctrine, and concepts by supervising the conduct of the concept formulation portion of the materiel requirements document within the life cycle management model for designated systems; supervising the conduct of trade-off analysis to insure that capabilities expressed in materiel requirements documents can be obtained within mission and performance envelopes under postulated operational criteria; supervising the conduct of short-, mid-, and long-range studies to develop concepts, organization, and materiel requirements documents in support of the concept-based acquisition strategy; supervising the conduct of cost and operational effectiveness analyses (COEA); insuring that test results are integrated into COEA and studies; identifying critical issues for operational testing of a new system by COEA, trade-off analyses (TOA), and other analysis procedures; and supporting all studies and analyses with current and projected threat information.

### ACCOMPLISHMENTS:

Army Aviation Systems Program Review (AASPR). This Systems Program Review was hosted by DCD on behalf of the Commander, USAAVNC, during the period 24-25 March 1982. Attending this System Program Review were the leadership of the Army including the Vice Chief of Staff of the Army and numerous senior military and civilian representatives of Department of the Army (DA) and Department of Defense. Their purpose was to review aviation programs, focusing on the basic issues or deficiencies identified by the Army Aviation Mission Area Analysis (AAMAA) which was completed in January 1982. This Systems Program Review resulted in guidance from the senior leadership as to priorities and what initiatives are to be taken to enhance Army aviation's capabilities in the areas of organization, doctrine, training, and materiel in the next few years.

Helicopter In-Flight Escape System Feasibility Study. This feasibility study was a Congressionally mandated, DA-directed study to determine if a need existed for an in-flight escape system for attack helicopters; to determine the technical feasibility of incorporating such a system into existing and production line airframes; and to determine the additional costs incurred. This study was initiated in February 1982 and completed in June 1982. The study was reviewed, evaluated, and approved by HQ TRADOC on 11 June 1982.

Army Aviation Development Plan (AADP). The purpose of the AADP was to convert AAMAA findings and AASPR guidance into specific activities or a plan. This plan served to consolidate separate development efforts into a single document and establish priorities and direction to doctrine, organization, training, and materiel development efforts. This document also provided input to Army long-range planning and budgeting. The development plan was initiated in April 1982, completed in September, and published in December 1982.

The Advanced Attack Helicopter Semi-Active Laser - HELLFIRE Modular Missile System (AAH/SAL-HMMS) COEA. The AAH/SAL-HMMS COEA was initiated by a TRADOC study directive in January 1981. A detailed coordination draft of the COEA was published 21 January 1982, and subsequently briefed and defended at the DA and Secretary of Defense levels. The Army Systems Acquisition Review Council (ASARC) and Defense Systems Acquisition Review Council (DSARC) recommended production of the AH-64 and SAL-HMMS; the decisions were based, in part, on the COEA. Additional model games covering numerous additional combinations of equipment and conditions were completed and documented. The AH-64 Maintenance Manpower and Logistics Analysis (MALA), the first such aviation analysis, and a part of the AAH/SAL-HMMS COEA continued through 1982. Progress was made in the areas data, model, and approach. Preliminary results were presented to the Office of the Deputy Chief of Staff for Logistics (ODCSLOG) in July 1982; further model development and sensitivity analysis, using some 25 additional model runs, were performed throughout the remainder of 1982. Lessons learned and information from the MALA were passed on to the Concepts Analysis Agency (CAA) to aid in the completion of that agency's maximum daily helicopter flying hours (MAX FLY) study.

Support for Other Studies. Particular emphasis was placed on assisting other TRADOC centers and schools with the completion of their respective mission area analyses (MAA) by providing Study Advisory Group (SAG) members to all on-going MAAs. Additionally, wargaming was conducted in support of the Armor School (see below) and an aviation representative was provided to the Chemical School on extended temporary duty as a member of a combined arms task force that conducted a detailed mission and task analysis for the Nuclear, Biological, and Chemical MAA.

Scenario Oriented Recurring Evaluation System (SCORES).

Conducted Aviation Battle Simulation (AVBATS) wargaming in support of the AHIP Scout COEA update to provide documentation supporting a DSARC "program go ahead" decision in April 1982. This COEA update requested by the Deputy Under Secretary of the Army for Operations Research (DUSA/OR) was conducted to evaluate the costs and operational effectiveness of the AHIP Scout helicopter when assigned to AH-64 attack helicopter and field artillery units rather than AH-1S units as originally conceived.

Conducted AVBATS wargaming to determine the effectiveness of a Light Combat Helicopter (LCH) in a Middle East scenario.

Assisted the US Army Armor Center/School by providing Fort Rucker's AVBATS facility, wargaming expertise, and gaming personnel for the conduct of a Middle East III wargame simulation in support of the Close Combat (Heavy Mission Area Analysis).

Supported the CAA by providing aviation input for Europe V scenario which is a part of the Global Scenario. Also provided updated input to earlier European and Middle East scenarios.

Prepared a 30-day scenario to support the CAA's MAX FLY study. The scenario was an extension of the TRADOC Phase I Middle East III and the USAAVNC's Phase II Middle East scenarios. The scenario incorporated 14 days of the Combined Arms Operations Research Activity gaming results with 16 days of projected activity. The purpose of the MAX FLY study was to determine maximum sustained daily flying hours during peacetime and wartime for the AH-1S, UH-1H, UH-60A, OH-58, and CH-47 helicopters.

Prepared mission profiles to support testing of the UH-60 to self-deploy from the continental United States to Europe in response to the threat of a European war.

Threat.

Initiated threat assessment in concert with Aviation Research and Development Command in preparation for studies and analysis of the LHX as a new helicopter of the future.

Prepared an initial draft threat assessment for the Joint Vertical Lift aircraft (JVX) family of future aircraft.

The Branch supported Materiel Developments, Organization/Force Developments, Concepts and Studies, and all TRADOC Systems Managers with threat support in their respective areas.

To support threat training at USAAVNC, the Threat Branch held Threat committee meetings to insure continuity and accuracy among all agencies that have training responsibilities. Additionally, threat classes were monitored and updated by Threat Branch representatives.

Prepared and conducted briefings for National Guard and Reserve organizations, providing updates on various threat subjects.

Conducted an in-depth study of Soviet pilot training and presented the results throughout the Army and NATO.

Concepts. Concepts Branch accomplished a number of programmed and unprogrammed short-term studies and concept statements for requirement documents, tests, and major COEA efforts. The significant accomplishments were--

The operational concept for Aviation Class IIIA and Class VA support for Army aviation was approved by the Commander, US Army Training and Doctrine Command, to be published as TRADOC Pamphlet 525-15, 19 March 1982.

The air-to-air interim operational concept was approved by HQ TRADOC for expansion into an operational concept to be published as a TRADOC 525 series pamphlet.

SHORTCOMINGS:

None.

## TASK FORCE 86

### MISSION:

The mission of Task Force 86 is to be the USAAVNC central point of contact (POC) for the conduct of Army 86 Studies: Echelons Above Corps (EAC) 86 Study, Corps 86 Study, Contingency Corps 86 Study, Heavy Division 86 Study, Infantry Division 86 Study, Airborne Division 86 Study, and the Air Assault Division 86 Study. TF86 is also the Center POC for the Heavy Division 86 Transition, and the High Technology Light Division (HTLD) Test at Ft Lewis.

### ACCOMPLISHMENTS:

Mission Area Analysis. Chapter 8, Combat Service Support (CSS), of the AAMAA was completed and published with the AAMAA in January. The combat flying hours program developed in this chapter was used in a number of studies and documents as the interim program until more rigorous analyses were accomplished. One such analysis was a study, called MAX FLY, of combat flying hour capabilities of the AH-1, which was initiated by CAA in April at the request of the Aviation Office of the Army DCSLOG.

System Program Review. TF86 wrote and presented a number of briefings to the General Officer Panels of the AASPR. These panels divided the Army aviation mission into the same categories as the AAMAA deficiencies: materiel; training; organization and force development; and concepts, doctrine, and tactics. The results of these panels were then presented at the AASPR on 24-25 March 1982, to more than 50 general officers from the Army and the other services where the senior leadership of the Army approved the plan for the development of Army aviation through the eighties.

"What's in a Name." In a July letter to MG McNair, LTG Mackmull, Commander of the XVIII Airborne Corps, requested a review of the names of Army aviation organizations. He was concerned that many of the current names appeared to come from administrative processing and were not descriptive of the true combined arms mission of the units - that the titles lacked the "pizzazz" which would instill pride in the members of the units. TF86 chaired a post-wide committee that selected unit titles and descriptions for Army 86 organizations. The new names were briefed to the Aviation Policy committee in November, and were being staffed with the major commands of the Army.

HTLD Test of the CBAA. Prior to 1982, TF86 designed the CBAA organizations and participated in the test plan and test scenario development for the CBAA test in the HTLD at Ft Lewis. As in 1981, this was a major commitment, with a TF86 action officer on-site at Ft Lewis for approximately 120 days. This effort came to fruition in the CBAA test conducted from 15 February to 16 May. The final report was published in August and was highly favorable. Using the TRADOC Combined Arms Test Activity (TCATA) test report as the primary data source, the TRADOC aviation proponents developed the CBAA IER. TF86 provided organizational expertise to numerous IER working group meetings, culminating the approval of the IER by the CG, Combined Arms Center (CAC), on 26 October. TF86 continued regular participation in the refinement of the CBAA organizations tested at Ft Lewis as they evolved toward the final design of the aviation organizations in this unique division.

Army 86 Studies. The primary emphasis during 1982 in the Army 86 Studies was the development of the Airborne and Air Assault Division 86 force structure. The Air Assault Division 86 Study was the first of the studies to have Forces Command (FORSCOM) as an active participant from the beginning of the study. This resulted in a considerable increase in the number of action officer and general officer workshops since this is a unique organization with far more aircraft assets than previous organization studies. These organizations were briefed at the FORSCOM and DA levels. Although approved for implementation by the Chief of Staff of the Army (CSA) in 1980, the aviation organizations of the Heavy Division 86 underwent tables of organization and equipment (TO&E) reviews and scrubs as a part of the continuing refinement of the heavy division organizations by TRADOC and DA. A like effort continued in the development and refinement of the Corps 86 and Echelons Above Corps 86 organizations and doctrine throughout 1982.

### SHORTCOMINGS:

None.

## **ORGANIZATION DIVISION**

### MISSION:

Performs Aviation Force Structure Analysis, develops proponent Table of Organization and Equipment (TOE), Basis of Issue Plans (BOIP) for new materiel, Manpower Authorization Criteria (MACRIT), and Qualitative/Quantitative Personnel Requirements Information (QQPRI), provides input to TRADOC and DA on Aviation Force Structure for the Program Objective Memorandum (POM).

### ACCOMPLISHMENTS:

Army Aviation Systems Program Review (AASPR). The Organization Division was tasked to develop and prepare the presentation for the Organization and Force Structure Panel of the AASPR. The major issues addressed by this panel were derived from the findings of the Army Aviation Mission Area Analysis (AAMAA), to include an analysis of the aviation organizations of 1986 as applied to the Total Army Analysis (TAA) 88 force structure. The issues were: first, the CONUS/OCONUS Force Distribution imbalance; second, inadequate numbers of aircraft to support the TAA 86 force; third, the absence of aviation assets in war reserves and POMCUS stocks; fourth, aviation manning not supporting sustained operations; and fifth, current flying hour rates not supporting sustained combat operations. The findings of the panel provided an opportunity to create significant improvements in the development and fielding of future aviation force structure initiatives.

Army Aviation Personnel Requirements for Sustained Operations (AAPRSO). A significant amount of time was spent analyzing and determining the additional aviation manpower requirements necessary to support sustained combat operations. Among the areas addressed were an analysis of possible increased effectiveness achieved by increased aviator staffing, a determination of a means to incorporate increased aviator staffing into requirement documents, and development of sustainment TOEs. The AAPRSO implementation concept was briefed to, and subsequently approved by, the Deputy Chief of Staff for Operations (DCSOPS) in June 1982. As a result of the concept briefing, the division was tasked to develop an implementation plan which would provide increased aviator staffing for the force structure. The USAAVNC/TRADOC proposal for implementing the AAPRSO study was approved by DCSOPS in December 1982.

"J" Edition Heavy Division CB(AA). The "J" edition CB(AA) was originally boarded and approved at HQ TRADOC in November 1981. The Army Chief of Staff (CSA) directed that the Heavy Division "S" edition be scrubbed of 2,000 spaces in February 1982. TRADOC directed the "J" edition CB(AA) be scrubbed utilizing the same guidance as the "S" scrub. The "J" edition was approved for implementation in September 1982. The impact of the scrub was the loss of the class III/V platoon of the HHC of the CSAB, thus detracting from the mission capability of the Combat Support Aviation Battalion (CSAB).

BOIP/QQPRI. Inputs were provided to 147 BOIPs and 27 separate QQPRI actions. These actions provided the total aviation proponentcy (01"TOE) inputs for new equipment and required support personnel. The actions were performed in concert with the Army Center, the Infantry School, and other aviation mission proponent centers to insure all aviation mission proponent TOEs were addressed.

Army Aviation Development Plan (AADP). The Organization Division was responsible for developing and writing chapter 3 (Organization, Force Structure, and Personnel) of the AADP. The purpose of that chapter was to present a strategy by which the force structure deficiencies outlined in the AAMAA could be corrected.

Automated Unit Reference Sheet (AURS) Development for the HTLD, Airborne/Air Assault Division.

The HTLD was developed in May 1982. Fort Knox relinquished complete control of the follow-on CB(AA), including the HHC, CB(AA), Cavalry Squadron, and the Attack Battalion. USAAVNC developed the entire CB(AA) AURS with the exception of the CB(AA) Support Battalion. During August 1982, the Draft Proposed Table of Organization and Equipment (DPTOE) for the Cavalry Squadron was approved for testing by High Technology Test Bed (HTTB).

The Airborne/Air Assault Division AURS was developed during the period March through December 1982. The major impact was on the Air Assault Division. The Air Assault Division received two new companies--a Pathfinder Company and a Brigade Aviation Company. The Pathfinder Company replaced the Pathfinder Platoon in HHC, and the Brigade Aviation Company assets were drawn from

the Brigade HHCs and DIVARTY. This centralization of aviation assets into one company allowed for better span-of-control while maintaining a three-brigade slice of aviation assets within the company.

Army Aviation Modernization Plan. This plan evolved from the development of an acquisition strategy for Army aviation to support Army requirements. This effort began in June 1982. The AADP identified aviation materiel and organizational requirements and proposed a strategy to modernize both Active Army and Reserve Component aviation forces within FY 85-89 POM and the FY 90-99 Extended Planning Annex (EPA) Total Obligation Authority (TOA) planning constraints.

SHORTCOMINGS:

None.

**MATERIEL SYSTEMS DEVELOPMENT DIVISION**

MISSION:

Supervises the initiation, development, evaluation, preparation, coordination, and recommendation of Army materiel requirements and materiel documentation actions for materiel items/systems. Supervised the integration of approved user test results into the combat development process for mutual support of user tests, studies, and analysis.

ACCOMPLISHMENTS:

TRADOC Priorities Program for Program Objective Guide (POM) FY 85-89 and Extended Planning Annex (EPA) FY 90-99. In FY 82, for the first time, HQDA published a materiel acquisitions priorities list in the form of a DA Long Range Research, Development, and Acquisition Plan (LRRDAP). The plan, which addressed both the POM FY 85-89 and the EPA FY 90-99 periods, replaced the separate TRADOC priorities list. TRADOC input to the FY 82 DA Priorities Process was through comments and recommended changes to the DA LRRDAP. This was a major deviation from past DA and TRADOC prioritization efforts. Materiel Division, DCD, and the aviation mission proponents met, commented upon, and provided TRADOC with recommended changes to the DA LRRDAP. Both RDTE and procurement were prioritized using zero-sum programming. Priorities reflect the results and findings of the AAMAA, the AASPR, Battlefield Development Plan III, and emerging results of the AADP. The resulting priority lists for RDTE and procurement represented the most detailed effort to align materiel needs with known deficiencies.

Army Aviation Modernization Plan for the 90s. In August 1982, Congress challenged Office of the Secretary of Defense (OSD) to have all services develop a defensible long range acquisition (strategy) plan which would be both affordable and executable. In anticipation of this guidance, DCSOPS and Deputy Chief of Staff for Research, Development, and Acquisition (DCSRDA) established an RDA Strategy Group (June 82) consisting of DCSOPS, DCSRDA, USAAVNC-DCD, TRADOC, Materiel Development and Readiness Command (DARCOM), and Aviation Research and Development Command-Director for Advanced Systems (AVRADCOM-DAS). This group identified several possible acquisition strategies resulting in the preferred approach being modernization (procure additional UH-60, AH-64, AHIP Scout, LHX, Joint Vertical Lift Aircraft (JVX), Advance Cargo Helicopter (ACH-XX)) versus product improvement of existing aircraft. This strategy consolidated the findings from the AAMAA, AASPR, AADP, Army 86 Study, and the FY 82 TRADOC Prioritization Process into a plan called the "Army Aviation Modernization Plan for the 90s." This plan was briefed up to the Under Secretary of the Army level and will be used to accomplish the following:

- Identify TAA-98 aircraft requirements.
- Provide the aviation FY 85-89 POM and FY 90-99 EPA input.
- Furnish rationale and justification for the aviation TOA.
- Use as a response to congressional tasker.

Lab Interface. Tremendous improvements were made in the laboratory interface program during CY 82. The purposes of the laboratory interface program were to insure that user requirements were addressed in research and development, to influence the technology base, and to develop an awareness in the user community of the lab programs that impacted on Army aviation. Interface was managed by:

Periodic visits to DARCOM labs.

Development and maintenance of a record of lab programs using the Modernized Army Research and Development Information System (MARDIS) as a data base.

Establishing positions on each lab program and expressing those positions in the DARCOM long range R&D plan, the Science and Technology Objective Guide (STOG), and the TRADOC priorities program.

Providing user input to R&D planning by participating in joint working groups with DARCOM and maintenance of a dialogue with lab personnel.

Participating with TRADOC headquarters at the annual lab review.

Interfacing with 25 DARCOM labs and research and development commands, and tracking approximately 500 R&D projects.

Aircraft Survivability Equipment. A major review of aircraft survivability equipment (ASE) was conducted at Fort Rucker on 14-15 September 1982. Requirement documentation was discussed and appropriate changes submitted for coordination and approval. All mission proponents agreed that a major test of ASE systems must be conducted to determine appropriate flight tactics and/or ASE systems required to avoid threat weapons.

Night Operations. Materiel Division provided user input to AVRADCOM for Phase I NIGHT FIX to achieve lighting compatibility with the Aviator's Night Vision Imaging System (ANVIS) goggles. Phase I of NIGHT FIX completed the lighting modification of 2,609 aircraft as scheduled.

Navigation Systems. The requirement documents for the Joint Tactical Microwave Landing System (JTMLS) were rewritten during a joint working group meeting in September.

On 4-5 May 1982, an Aviation Positioning and Navigation (POS-NAV) Joint Working Group meeting was held at Fort Rucker to discuss Army aviation's POS-NAV requirements for the 1990s. Appropriate documents were modified to reflect the requirements for a self-contained navigation system updated by the Global Positioning System.

Special Electronic Mission Aircraft. The joint service operational requirement for the Joint Vertical Lift Aircraft (JVX) was approved by TRADOC and forwarded for DA approval.

Self-deployment. Concepts Analysis Agency completed the study on costs and benefits of self-deployment of Army aircraft versus other means of deployment. The study was published in 1st Qtr FY 83 and formed the basis of several key decisions pertaining to strategic deployment of aviation assets.

Black Hawk - UH-60A. The draft required operational capability (ROC) for the Black Hawk Block Improvement Program was completed and forwarded to the US Army Logistics Center for staffing.

APACHE AH-64. A contract for the purchase of 11 AH-64s during FY 83 was awarded to Hughes Aircraft Company. Construction of a production plant at Mesa, Arizona, was initiated.

Cobra 2000. A constrained version of the original user requirement for the Cobra 2000 was approved by a General Officers' Review Board on 8 April 1982. Additionally, the board directed that a Target Acquisition Sensor Study be conducted. This study was completed in June 1982 and recommended that the Forward Looking Infrared Augmented Cobra TOW Sight System (FACTS) be the required sensor. A pre-ASARC is scheduled for 3 February 1983 to determine the future program status of Cobra 2000.

Robotics. On 12 February 1982, the Soldier Support Center (SSC) gave a briefing on the status of the TRADOC Robotics Program to USAAVNC personnel. A priority list of aviation-related robotics areas has been provided to the SSC. Those items which were highest on the list were multiple target engagement, advanced autopilot, navigation, and missile/munition guidance.

Air-to-Air Combat. To answer the air-to-air threat, DCD developed an ROC document for a Multipurpose Lightweight Missile System (MLMS) (air-to-air) which was approved by DA in June 1982.

Light Helicopter Family (LHX). Prepared and coordinated the LHX Justification for Major System New Start (JMSNS) document. The JMSNS was reviewed by the TRADOC Requirements Review Committee (RRC) in December 1982. A user-developer Special Work Group (SWG) was convened in September 1982 to begin preparation of the Concept Formulation Package (CFP) documentation required to support a Milestone I decision. Several LHX briefings were presented to the aviation community to increase awareness of the purpose and status of the program.

Nuclear, Biological, Chemical (NBC). DCD continued its substantial efforts to develop and acquire NBC protective equipment for aviators. All aviation training manuals were revised to incorporate training requirements for aviators wearing the NBC protective ensemble. The NBC environment and its relationship to aviation on the Airland Battlefield was closely evaluated and documented in the AAMAA. Additionally, the requirement document for the Aviation Life Support System Integrated Battlefield (ALSSIB) was developed.

Aviation Life Support Equipment (ALSE). In the area of aviation life support, there were numerous accomplishments. Most noteworthy were--

ALSE deficiencies and overall impact on Army aviation were briefed to the Vice Chief of Staff for the Army during the AASPR. Corrective actions for these deficiencies were formulated and subsequently outlined in the AADP.

A draft operational concept was developed for the Army role in combat search and rescue (CSAR) operations.

The ROC document for a Personnel Locator System (PLS) to aid in the conduct of CSAR operations was finalized.

Participation at the Tri-Service level to consolidate all Services' ALSE programs in order to seek standardization of ALSE programs and reduce R&D duplication.

Cobra 2000. The Cobra 2000 ROC document will not be finalized prior to the pre-ASARC. The pre-ASARC is only considering a constrained version of the Cobra 2000 which recommends limited upgrading actions due to funding limitations.

Apache AH-64. The FY 84 buy of 48 AH-64s has yet to be approved by Congress.

Iroquois UH-1H. The draft ROC basic document for the Iroquois UH-1H Block Improvement Program was prepared during a joint working group meeting of several interested agencies. Several annexes to the document are being completed.

High Power Hoist. A joint working group drafted an ROC document for the procurement of a new powered hoist. The document is being staffed to the interested agencies.

# DIRECTORATE OF EVALUATION AND STANDARDIZATION



## MISSION:

Represents the United States Army Aviation Center (USAAVNC) as proponent agent for United States Army Aviation Standardization Program and acts as an extension of the Office of the Deputy Chief of Staff for Operations and Plans, Department of the Army, to monitor and evaluate Army-wide implementation of the Aviation Standardization Program; collects and analyzes training effectiveness data as relates to unit, resident, and nonresident training programs; provides feedback to the training and combat developments processes; and manages the USAAVNC Branch Training Team (BTT) for the purpose of maintaining productive dialogue between USAAVNC and aviation/air traffic control units in the field.

## ORGANIZATION:

Office of the Director  
Army Reserve/National Guard (ARNG) Officer  
British Exchange Officer  
Program Management Office  
Standardization Literature Review Office  
Aviation Digest  
Flight Standardization Division  
Evaluation Division

### KEY PERSONNEL

### POSITION

### ARRIVAL/DEPARTURE DATES

COL George F. Newton	Director	1 Jan 82 - 15 Jul 82
COL James W. Lloyd	Director	16 Jul 82 - Present
LTC William C. Childree	Executive Officer	Entire Year
CW4 Michael J. Novosel	Safety Officer	Entire Year
LTC Kenneth D. Rhoades	ARNG Advisor	1 Jan 82 - 11 Jun 82
LTC Luke L. Shade	ARNG Standardization Advisor	17 May - Present
MAJ Alan G. Wiles	British Exchange Officer	1 Jan 82 - 18 Feb 82
CPT Gary D. Storm	Administrative Officer	1 Feb 82 - 6 Dec 82
Mrs. Rae W. Swindall	Supervisory Program Analyst	Entire Year
LTC Joshua L. Kiser	Commander, Flight Standardization Division	1 Jan 82 - 11 Mar 82
LTC Leonard G. Anderson, Jr.	Commander, Flight Standardization Division	12 Mar 82 - Present
CPT Bryan C. Fluke	Chief, Standardization Literature Review Office	18 Feb 82 - Present
LTC John E. Watts	Commander, Evaluation Division	1 Jan 82 - 31 May 82
LTC Jerome W. Tastad	Commander, Evaluation Division	2 Jul 82 - Present
Mr. Richard K. Tierney	Editor, Aviation Digest	1 Jan 82 - Present

## ACCOMPLISHMENTS:

Directorate of Evaluation and Standardization (DES) has significantly increased its emphasis on analysis of training effectiveness data and on providing quality control of the Center's training products. Programs conducted by the Evaluation Division, such as a complete review of the Initial Entry Rotary Wing Course and the analysis of training voids in the professional development of the commissioned aviators, will lead to a better aviator for the commander in the field.

The emphasis of flight evaluations has shifted from the traffic pattern to tactical employment of aircraft and weapons systems. The Flight Standardization Division is now conducting evaluations that provide field commanders a complete assessment of their aviators' ability to accomplish the unit's tactical mission.

Nine Instructor Pilot/Standardization Instructor Pilot (IP/SIP) seminars were conducted for the Reserve Component (RC) aviators. This innovative training vehicle is designed to keep our RC aviators updated with the latest employment techniques and doctrinal concepts. Subjects covered include the following: Aircrew Training Program, aviation regulations, threat equipment doctrine and capabilities, safety, Night Vision Goggle Training Program, and Instructor Pilot Method of Instruction (MOI). Annual attendance totals approximately 400 RC IPs/SIPs.

Personnel turnover of 13 civilian and 23 military employees dictated that the Directorate conduct extensive formal and informal training for newly assigned personnel. This training program facilitated a smooth transition for each person into their new positions and reduced internal turbulence.

Published 11 Standardization Communications (STACOM) in the US Army Safety Center's FLIGHTFAX.

Published 12 articles for "DES Report to the Field" in the Aviation Digest.

### **PROGRAM MANAGEMENT OFFICE**

#### **MISSION:**

Serves as program manager for the Directorate. Provides staff supervision for budget preparation and execution, performs programming and budgeting functions, and maintains funds control. Provides administrative and supply services. Formulates administrative policies and procedures relative to functions within the Directorate. Coordinates civilian and military personnel actions. Develops manpower requirements and organizational structures in support of assigned mission.

#### **ACCOMPLISHMENTS:**

Developed requirements, managed and controlled organizational resources for three Army Management Structure (AMS) accounts: (1) AMS 814741.2, Undergraduate Pilot Training; (2) AMS 714771.6 Evaluation and Standardization; (3) AMS 819731.1 Training Support to Units.

Managed and disbursed a travel budget in excess of \$425,000 in support of the more than 725 trips this Directorate conducted worldwide.

Developed the resource requirements to support DES' expanding worldwide mission. This resulted in four program change proposals and input to Directorate of Resource Management (DRM) for inclusion in the total package.

Developed and managed this Directorate's individual training program for career development. Under that program, 22 people completed professionally enhancing training relative to their job position.

In concert with the Directorate's EEO/EO action officer, restructured and implemented the DES Affirmative Action Plan.

### **STANDARDIZATION LITERATURE REVIEW OFFICE**

#### **MISSION:**

Serves as user representative in matters pertaining to aircraft operator's manuals (-10s) and checklists (-CL) in accordance with AR 310-3 and the US Army Aviation Center (USAAVNC)/US Army Troop Support and Aviation Materiel Readiness Command (TSARCOM) Joint Operating Agreement (JOA). Responsible for reviewing and coordinating aviation training and standardization publications and literature prepared by USAAVNC and US Army Training and Doctrine Command (TRADOC) proponent

centers to insure standardization and technical accuracy of content. Responsible for changes/revision to AR 95-1. Performs secretarial duties for the Fort Rucker Installation Flight Standardization Committee. Directs, supervises, and coordinates all efforts concerning the US Army Aviation Policy Committee functions.

#### ACCOMPLISHMENTS:

Coordinated the revision and signing of the Joint Operating Agreement between TSARCOM and USAAVNC which outlines responsibility for the preparation and coordination of Army aircraft operator's manuals (-10) and crewmember checklist (-CL).

Participated in 33 trips to the field and to TSARCOM in support of the TSARCOM USAAVNC JOA for -10 and -CL.

Reviewed over 1,600 issues which were submitted on DA Forms 2028 affecting operator's manuals and checklists.

Received, staffed, and reviewed 240 items of aviation literature to include aircraft training manuals, field manuals, training circulars, suggestions, and articles.

Developed a new AR 95-1, coordinated the year-long scrub process and published the new "Aviator's Bible" with an effective date of Jan 83.

Organized and conducted the 1982 US Army Aviation Policy Committee--the most productive meeting to date. The keynote speaker was LTG Julius Becton, Deputy Commander for Training, TRADOC. Attendees numbered over 140 people representing every major Army command or Army agency associated with aviation and other combat arms branches. Eighty-one aviation issues, critical to Army aviation doctrine, standardization, safety, logistics, and personnel were submitted. Each issue was voted on for resolution with recommendations forwarded to the Deputy Chief of Staff for Operations and Plans (DCSOPS) and the Chief of Staff.

#### SHORTCOMING:

Authorized position for one project officer (03) vacant entire year.

## **US ARMY AVIATION DIGEST**

#### MISSION:

Coordinates with US Army Aviation Center activities, Department of the Army (DA), other governmental agencies, civilian organizations, and individuals worldwide on matters concerning preparation of materials for publication. Researches, analyzes, writes, edits, and prepares composition dummies and layout format for the U.S. Army Aviation Digest. Assembles completed material in specific order for submission to the civilian contract printer in accordance with established schedules for printing and distribution. Monitors publication in behalf of the DA Adjutant General (DAAG) and Government Printing Office (GPO) to insure compliance with the printing contract.

#### ACCOMPLISHMENTS:

In February 1982, the Thomasson Printing Company, Carrollton, GA, had its contract for printing the Aviation Digest renewed for 1 year by the GPC. The April 1982 issue was the first under the new contract. DAAG's letter of 10 September 1982 approved continued publication of the Aviation Digest in accordance with the requirements of AR 310-1. For the second year in a row, the Department of Defense directed cuts in the production expenses of military magazines. Thus, the DAAG letter of 10 September further directed that the Aviation Digest operate in FY 83 within \$335,131, the same as the FY 82 budget. DAAG left it up to the editor on how to make cuts to stay within the directed budget figure. It was determined that the Aviation Digest could meet the \$335,131 ceiling by reducing TDY and supply expenses and also by cutting various combinations of pages and color in selected issues. In a letter dated 4 October 1982 to DAAG, the Aviation Center commanding general concurred in a plan to publish in FY 83 at under \$335,131.

During the past year, the Aviation Digest averaged 32,724 copies printed each month under pin-point distribution handled at DA level. The highest number printed was 36,556 in May.

The 1981-82 Annual Writing Awards Contest was won by (then) Lieutenant Colonel(P) James W. Lloyd who wrote "Who's Going to Teach Aviators How to Fight?" which appeared in the February 1982 issue. Colonel Lloyd was awarded a certificate of commendation by the Aviation Center commander and an engraved calculator by the Bogardus S. Cairns Chapter (Fort Rucker) of the Association of the US Army.

Articles printed during 1982 covered all aspects of Army aviation. Significant highlights include--

The year began with an eyewitness account by Major Bronislaw R. Maca in the January issue of how the United States won the team and individual "World Helicopter Championships" in Poland. The team was mostly comprised of Army aviation personnel. The issue also covered Army aviation's role in the space shuttle program in "Army Aviation--A Partner in the Space Program," by Betty Goodson; and the January issue set the pace in fuel conservation with the article "Increasing Efficiency in Mobility Fuels--An Approach to Energy Conservation," by Major Johnny S. Grice and Captain John R. Morrisette. The article, which covers the detailed study and highly successful aviation fuel conservation program developed at Fort Rucker, was widely read. The Aviation Digest has received numerous requests for reprints.

February had two outstanding lead articles that complemented one another: General Hamilton H. Howze (Ret), the Father of Army Airmobility, wrote "The Wishing Well--Or What I Hope is Going on in Army Aviation." He stresses the need to use Army aviation in the combined arms role. He relates difficulties in this area to his combat experience. The second lead article, "Who's Going to Teach Aviators How to Fight?" by Colonel Lloyd won best article of the year honors. Colonel Lloyd points out that while we learn to fly and shoot, there are few times that we teach Army aviators how to fight integrated into the combined arms. He cites the separateness of ground and air training and makes a plea to bring it together.

In March, we saw the need for the Army Helicopter Improvement Program (AHIP) through the eyes of a user, First Lieutenant Ronald M. Buffkin, who wrote "Give Us Our Guns and Optics." This was followed with a comprehensive look at the AHIP by Lieutenant Colonel R. A. Neuwien, Jr., who wrote "AHIP, How You Got It and What You Got," and Major Laurie Pope, author of "AHIP, Aeroscout of the Next War." The first good Apache maintenance article appeared as "Keeping the Apache Flying and Fighting" by Major Troy J. Roop. The Safety Center put its finger on a sticky problem with two excellent articles, "When Does an IP Take the Controls" and "The Problem with IPs" in this issue.

In April, Colonel David L. Funk may have presented a possible answer to "Who's Going to Teach Aviators How to Fight?" with his article "...The Attack Helicopter School and Center of the Future." At the fictional Fort Tusi, Colonel Funk outlines a comprehensive program for Army aviation combat training. Another article, "Army Aviation Mission Area Analysis," by the Directorate of Combat Developments, laid the groundwork for the Army Aviation Systems Program Review 1982.

The Air Assault concept was covered in the article "Putting the Air Assault in the Air Assault Division," by Lieutenant Colonel Barry J. Sottak and Major Charles B. Cook. Also, Lieutenant Colonel Brian P. Mullady's first of three Threat articles about the Soviet Air Defenses against attack helicopters appeared in this issue.

Brigadier General William W. Ford (Ret), who played the key role in founding and developing Army aviation in 1942, wrote the lead article, "Grasshoppers," in the June issue to kick off a five-part series entitled "Forty Years of Army Aviation." The series continued each month with "Building a Training Program," "Combat," "Armed Helicopters," and "Policies and Organizations." Another series, "Army Aviation Systems Program Review 1982," in five parts was opened with an overview article by Major General Carl H. McNair and then Captain (P) Josef Reinsprecht. Succeeding issues of the magazine covered "Concepts, Doctrine, and Tactics," by Major General Jack V. Mackmull and Captain (P) Reinsprecht; "Organization and Force Structure," by Major General John W. Woodmansee, Jr.; "Training," by Major General John R. Galvin; and "Materiel," by Major General James P. Maloney.

The helicopter air-to-air combat theme, continuing throughout just about each issue, was highlighted in July with "Victory in Air-to-Air Combat, the Marine Corps Way," by Betty Goodson.

The article covered the helicopter air-to-air combat philosophy taught by Marine Aviation Weapons and Tactics Squadron - One at Yuma, AZ.

In August, Captain Greg Hampton and First Lieutenant Mario H. Acevedo went a step further than the Marines in their article, "Helicopter Aerial Combat Week." They cover philosophy and also tactics used during exercises at Fort Hood, TX.

"Army Aviation in Latin America" was featured in September with an introduction from Lieutenant General Wallace Nutting, Commander in Chief, United States Southern Command. It was followed by four articles in September and by single articles the next 2 months.

"JAAT--A Present Concept," by Major William J. Fillippine and Captain David S. Prewitt, is the first to be printed since the Army and Air Force reached agreement on tactical employment. The article clearly reflects the capabilities that Army aviation offers through JAAT.

The December issue closes out the year with a lead story by General McNair about the LHX (light helicopter family). He covers "the conceptual formulation of why, what, and when" concerning the LHX. The other LHX coverage in the December issue is "LHX in the AirLand Battle 2000," by Captain(P) Fred Brown; "Keeping Pace with Technology," by Mr. Donald R. Artis, Jr.; and a fictionalized account of the LHX's need, and later proving itself in combat. It is entitled, "Sweet Dreams and Flying Machines." Four more significant LHX articles were scheduled for the January 1983 issue.

Perhaps the article with the most impact in the December issue is "The Harsh Lessons of FY 82," by Colonel Joseph R. Koehler, Safety Center commander. Colonel Koehler discusses the sharp increase in the aviation accident rate in FY 82. He puts his finger on human error as the problem and discusses the harsh specifics. In line with combating the accident rate, the December issue also features "Who Needs it Anyway?" by CW3 William W. Shawn. It's about three pilots who had their emergency equipment and lived through an accident. And, Lieutenant Colonel Donald E. S. Merritt and Mr. Charles C. Cioffi wrote an enlightening article entitled "OH-58 Power Droop," covering the findings of a special panel that met to overcome this dangerous problem.

## ***FLIGHT STANDARDIZATION DIVISION***

### MISSION:

Advise the director on all matters pertaining to the United States Army Flight Standardization Program. Evaluate the effectiveness of individual aviator proficiency for resident and non-resident flight training programs. Monitor, provide assistance, and make recommendations to supported units/activities to insure quality control and overall training effectiveness. Recommend general policy guidance to the director concerning the Army-wide Flight Standardization Program. Provide flight standardization input to DA aviation-related flight publications. Assist in the development and evaluation of Synthetic Flight Training Systems (SFTS). Conduct flight standardization evaluation/assistance visits to US Army installations and commands on a worldwide basis. Coordinate flight standardization input through the Standardization Literature Review Office to Department of Training Developments (DTD) for formulation of training documents and publications. Provide flight standardization subject-matter expertise to Department of Training and Doctrine (DOTD), Department of Training Developments (DTD), Directorate of Combat Developments (DCD), TRADOC Systems Management (TSMs), and other appropriate activities on Fort Rucker in preparation and review of doctrinal, organizational, and material-related actions. Provide flight standardization subject-matter expertise to support Reserve Component IP/SIP training programs.

### ORGANIZATION:

- Office of the Division Commander
- Utility Branch
- Aeroscout/Attack Branch
- Cargo/Fixed Wing Branch
- Plans and Operations Branch

### ACCOMPLISHMENTS:

In the execution of the Army's Aviation Standardization Program, DES completed over 2,500 individual flight evaluations and visited more than 130 major units Army-wide.

Provided the trainers and subject-matter experts (SME) for the nine IP/SIP training seminars conducted for the Reserve Component.

Supported US Army Forces Command's (FORSCOM) newly developed no-notice Army Resource Management Survey (ARMS) program of major installations.

Administered 655 IP end-of-course evaluations and 609 quality-control evaluations of aviators in formal courses of instruction at Fort Rucker.

Executed the Fort Rucker Installation Flight Standardization Committee's no-notice evaluation and assistance program. Provided SME and assistance visits in support of the members of that committee and completed no-notice standardization evaluations of 10 member units.

Implemented a significant change to the methodology of conducting flight evaluations. DES now evaluates aviators in "combat units" by conducting each evaluation in a tactical environment. Emphasis is placed on determining the aviator's ability to employ his aircraft and weapon systems in support of the unit's mission, during day and night conditions.

Participated in and provided SME support to all Continental United States (CONUS) major Army command (MACOM) flight standardization committee meetings.

#### SHORTCOMINGS:

Nonstandard aircraft training: The DES SIPs in nonstandard/low-density aircraft (CH-54), U-8F, OH-6, U-3, UV-18, C-7) are having difficulty in training and maintaining currency. Training support for these aircraft is no longer provided at USAAVNC. This, in turn, creates a problem in providing assistance visits to the Reserve Component aviation facilities which will maintain these aircraft.

## **EVALUATION DIVISION**

#### MISSION:

Implements and conducts the USAAVNC Evaluation Program in accordance with Instructional Systems Development Model and USAAVNC Regulation 350-7. Conducts internal evaluations of USAAVNC proponent courses whenever data indicates the necessity, or when directed. Accomplishes external evaluation functions through a graduate questionnaire program and the Aviation Center's Training Analysis and Assistance Team (ACTAAT). Provides staff supervision of Fort Rucker's Army Standardization Program and Branch Standardization Committee in accordance with AR 350-1. The Evaluation Division reviews literature produced at USAAVNC when requested/directed. All ARTEPs written at USAAVNC or reviewed for other TRADOC schools at USAAVNC are reviewed, including all Air Cavalry Attack Brigade (ACAB) ARTEPs being produced.

#### ORGANIZATION:

- Office of the Commander
- Technical Support Branch
- Internal Instructional Systems Evaluation Branch
- External Instructional Systems Evaluation Branch

#### ACCOMPLISHMENTS:

External Instructional Systems Evaluation Branch. External evaluations, conducted by means of an Army-wide graduate questionnaire program were completed for the CH-47 Aviator Qualification Course (AQC) and the Aircrew Training Program.

Evaluations still in progress include the Initial Entry Rotary Wing Course (IERW) problem areas and training voids, methods of training and sequencing emergency procedures in IERW, and training voids in the professional development of the commissioned aviator (this study is aimed at identifying training requirements for the junior aviation leader).

The USAAVNC version of the Branch Training Team (BTT), the Aviation Center Training Analysis and Assistance Team (ACTAAT), completed assistance visits to over 60 company-size aviation and ATC

units. The ACTAAT, which the DAIG uses as the role model for our sister branches, gathers feedback from the field concerning Aviation Center training products and other aviation issues. Visits were conducted worldwide to active Army and Reserve Component units.

Internal Instructional Systems Evaluation Branch completed review of over 80 major documents (POIs, FMs, etc.) for accuracy and continuity. Special emphasis was directed toward insuring documents addressing similar subjects are consistent with each other.

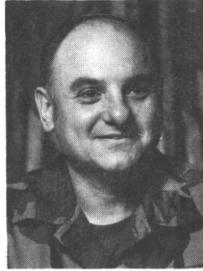
The following formal evaluation projects were developed, structured, and completed:

- USAAVNC Learning Center Review.
- U-21 Instructor Pilot Course Academics Evaluation.
- The Pre-Command Course Evaluation.
- IERW Training Quality Review.
- Flight Operations Specialist (71P) Evaluation.
- USAAVNC TEC Program Review.

Technical Support Branch, in addition to providing technical expertise in support of all external and internal evaluation projects, completed a study of the aeroscout student selection process.

Provided technical assistance in support of projects conducted by other directorates.

# US ARMY AVIATION BOARD



## MISSION:

Plans, conducts, and reports on Operational Test I (OT I), Operational Test II (OT II), Operational Test III (OT III), and other user-type tests of aviation materiel.

Participates in Development Test I (DT I), Development Test II (DT II) (Engineering Phase), and Development Test III (DT III) as directed.

Provides advice and guidance on test and evaluation matters to materiel developers, materiel producers, other services, and private industry.

Participates in flying development test mission profiles to support collocation of testing organizations.

Conducts other tests and evaluations as directed by Commanding General, United States (US) Army Training and Doctrine Command (TRADOC).

## ORGANIZATION:

The US Army Aviation Board (USAAVNBD) consists of the President's Office, Headquarters Company (HQ Co), and five primary operating divisions.

Administrative/Logistics Division (Admin/Log Div)  
Test Operations Division (Test Ops Div)  
Test Division (Test Div)  
Resource Management Division (Res Mgt Div)  
Technical Division (Tech Div)

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Robert A. Wagg, Jr.	President	Entire Year
Mr. George Slagley	Technical Advisor	Entire Year
SGM Nicholas K. Smythe	Sergeant Major	Entire Year
LTC Robert J. Joles	Executive Officer	Entire Year
LTC James D. Cowart	Chief, Admin/Log Div	Entire Year
LTC Gilbert H. Fredrick	Chief, Test Ops Div	20 Jul 81-23 Sep 82
LTC Troy E. Burrow		24 Sep 82 - Present
CPT William D. Gee	Commander, HQ Co	13 May 81 - 23 May 82
CPT Michael K. Minich		24 May 82 - Present
1SGT Royce L. Burns	First Sergeant, HQ Co	Entire Year
LTC George A. Hawkins	Chief, Test Div	Entire Year
LTC Robert E. Housley	Chief, Tech Div	Entire Year
Mr. Bobby Tindell	Chief, Res Mgt Div	Entire Year

## ACCOMPLISHMENTS:

Approximately 191 Aviation Board personnel spent 2,399 days TDY supporting tests. The Aviation Board spent 63,791 man-hours supporting the following tests during 1982:

UH-60/CH-47 FLIGHT SIMULATOR CONTINUATION TRAINING SPECIAL STUDY  
(TRMS NO. 30376; TRADOC ACN: TBD; CUSTOMER TEST)

Test Dates: 4-15 Oct 82, Ft Rucker, AL; 18-21 Oct 82, Ft Bragg, NC; 25-29 Oct 82, Ft Campbell, KY.

Description: To provide information on the suitability of visual flight simulators for continuation training. Information will be used to support the production decision. Final Letter Report completed.

Summary: The study is a subjective assessment of flight simulators in a continuation training environment.

USAAVNBD POC: CW3 Cirone (ATZQ-OT-AS).

APACHE FLIGHT TRAINING INFRARED PILOTING SYSTEM (AFTIPS) ASSESSMENT (2000318)

Proponent: DTD, USAAVNC.

Test Dates: 15 Jun - 17 Dec 82.

Description: To assess the Pilot Night Vision Sensor (PNVS) Training Program for use by the US Army Aviation Center.

Summary: Four classes were completed. Fourteen of sixteen students successfully completed training. The POI for PNVS training was also validated.

USAAVNBD POC: CW3 Stanton (ATZQ-OT-AA).

CH-47D, TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT (TMDE) (IOC FDTE) (F0289)

Proponent: USATSCH (ATSP-CD-TE).

Test Dates: 3 Aug - 20 Nov 82. In-plant portion at Corpus Christi, TX, from 27 Nov 82 to 1 Dec 82, and Boeing, Seattle, WA, from 19 Dec - 23 Dec 82.

Description: This test assessed the CH-47C TMDE in an operational environment against the requirements for expedient maintenance of the CH-47D helicopter. Test results provided essential information for the type classification decision.

USAAVNBD POC: MAJ Ewart (ATZQ-OT-AG).

TRANSPORTABLE HELICOPTER ENCLOSURE (THE) (OTN592)

Proponent: USATSCH (ATSP-CD-TE).

Test Dates: 27 Sep - 15 Dec 82.

Description: The test evaluated the physical characteristics, operational suitability, and utility of the THE against the requirements specified in the Letter of Agreement (LOA).

Summary: Air transportability subtests were completed by the USAAVNBD, 23-27 Aug 82. Results were reported directly to the proponent. OT I was conducted at Ft Campbell, KY. Test Report will be published 5 Mar 83.

MINIMUM CHANGE - MINIMUM RISK (MC-MR) PROTECTIVE MASK ACN: TBD; CUSTOMER TEST

Test Dates: 22 Nov 82 - 9 Dec 82, Ft Rucker, AL; 24 Jan 83 - 30 Jan 83, Ft Campbell, KY.

Description: To provide data and associated analysis on the operational suitability of the MC-MR protective mask as a replacement for the M-24 protective mask. The data will be used to support full scale development decision. Test ended 9 Dec 82.

Summary: The MC-MR mask was found to be suitable for further development decisions. Several recommendations for improvement of the design were made.

USAAVNBD POC: CW4 Nowicki (ATZQ-OT-AU).

UH-60 ANTI-ICE/DEICE SYSTEM (OTN 946; ACN: TBD; USER EVALUATION)

Test Dates: 8 Feb 82; End Date: 15 April 82.

Description: To assess the operational capability of the UH-60 Anti-Ice/Deice system and provide data on the air transportability of an anti-ice/deice equipped UH-60.

Summary: First phase of the UH-60 Blade Deice System (BDS) was completed at Fort McCoy, WI, on 21 Feb 82. The air transportability portion was conducted at Fort Benning, GA, 15-17 Mar 82.

T-700 ENGINE WATER WASH SYSTEM

Test Dates: 1 Jun 82; End Date: 4 Jun 82.

Description: To assess the operational capability of the Engine Wash System. The results of this test were used as a basis for decisions to use the T-700 system for all UH-60 aircraft.

Summary: The Engine Wash System was found to be operationally effective.

20MM MK 149, PHALANX AMMUNITION (CUSTOMER TEST) 2100063

Proponent: HQDA, DCSOPS.

Test Dates: 1 Jun 82; End Date: 3 Jun 82.

Description: To evaluate the PHALANX 20mm ammunition for the M197, AH-1S cannon.

Summary: The ammunition was found to be effective and suitable for use.

NIGHT HAWK/NIGHT VISION GOGGLES WEATHER MINIMUMS TEST (F0257)

Proponent: DTD, USAAVNC.

Test Dates: 2 Nov - 11 Dec 81.

Description: To assess the minimum weather conditions in which Night Hawk/Night Vision Goggles (NH/NVG) training can be conducted.

Summary: Minimum environmental conditions were redefined and are being implemented.

TRIAL MACE III (OTN985)

Proponent: ATZQ-D, USAAVNC.

Test Dates: 5-26 Jul 82.

Description: To continue the investigation of chaff effectiveness against representative NATO generic threat radars and to optimize the dispense angle/location of the M-130 dispenser on OH-58 and AH-1 aircraft.

Summary: Test completed on 26 Jul 82. Radar cross section measurements were made of the OH-58, AH-1, M-1, and RR-180 chaff. Optimum chaff program and maneuvers were identified for AH-1 and OH-58. Several effectiveness missions were run. Chaff and maneuver were demonstrated to be effective.

AWARDS/REENLISTMENTS:

Four Outstanding Performance Ratings, four Sustained Superior Performance Awards, one Quality Step Increase, and the Handicapped Employee of the Year Award were received by civilian personnel while fifteen Meritorious Service Medals, nine Army Achievement Medals, and five Army Commendation Medals were awarded to military personnel. The Aviation Board experienced a 100 percent reenlistment rate on first termers, midtermers, and career soldiers.

# TRADOC SYSTEM MANAGER ATTACK HELICOPTERS



## MISSION:

The TRADOC System Manager (TSM) conducts total system management for the Advanced Attack Helicopters, AH-64A Apache, AH-1S Cobra, and variations such as the Light Combat Helicopter (LCH) within the Training and Doctrine Command (TRADOC). Total system efforts are developed and fully integrated early and continuously throughout the development, production, and deployment of attack helicopters. Acting for the Commander, USAAVNC, and the Commander, TRADOC, TSM-A discharges the user responsibilities in the development, testing, training, and in coordination with the gaining commands, fielding of the AH-64A (Apache) system, AH-1 (Cobra) system, and the LCH system.

## ORGANIZATION:

The TSM office for Attack Helicopters is established at the USAAVNC, Fort Rucker, AL, with necessary facility and administrative support provided by that organization. Staffing authorized by the charter includes one colonel (O-6), one lieutenant colonel (O-5), two majors (O-4), and one civilian secretary.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Lee C. Smith, Jr.	TSM-Attack Helicopters	Arr - 15 Oct 82
COL David L. Funk	TSM-Attack Helicopters	Dep - 15 Oct 82
LTC Kenneth L. Landon	Asst TSM (Training)	Entire Year
LTC William P. Leach	Asst TSM (Training)	Dep - 31 Oct 82
MAJ(P) Jack A. Mitteer	Asst TSM (Logistics)	Entire Year
MAJ Troy J. Roop	Asst TSM (Logistics)	Dep - 15 Jun 82
MAJ Michael L. Brittingham	Asst TSM (Personnel)	Entire Year
Mrs. Shirley M. Ray	Secretary (Steno), GS-5	Entire Year

## ACCOMPLISHMENTS:

In 1982, TSM-A continued to sponsor many activities which enhanced the awareness of many rapid moving attack helicopter actions. Additionally, we have visited units at several installations throughout the country, soliciting opinions from soldiers at every level of attack helicopter employment. To supplement unit training, TSM-A published and distributed the Attack Pilot's Guide, a tongue-in-cheek look at threat identification, systems capabilities, and attack helicopter weapons employment. Furthermore, our study of lessons learned from various attack helicopter evaluations of the recent past is being compiled. We plan to publish these results early in 1983 so that attack commanders and pilots worldwide can benefit from a wealth of knowledge to which they may not otherwise have access.

Under our guidance, the Apache program has successfully negotiated its Defense System Acquisition Review Council (DSARC) hearings and has been approved for production. The Army will purchase a total of 515 aircraft with an overall price tag of \$14.3 million each. To reduce further crew-member training costs, an AH-64 Combat Mission Simulator (CMS) is also being developed. An interim model will be delivered to USAAVNC in August 1985 with four additional CMS systems fielded by FY 87.

The Cobra Block Improvement Program (COBRA 2000) will go to a formal DA decision in February 1983. TSM-A was instrumental in developing an Army program to upgrade 435 aging AH-1S Cobras to augment the attack fleet and to continue as viable fighting machines through the year 2000. Improvements will include a night target acquisition capability, a four-bladed main rotor system, and a mechanical environmental control unit (MECU) for a total program cost of \$1.5 billion.

Other Cobra programs in the spotlight this year include Phase 1 of the long term prepositioning of materiel configured in unit sets (POMCUS) experiment which was an unqualified success. Several POMCUS Cobras were withdrawn after 6 months of storage and significantly contributed to an overseas unit's completion of annual range firing.

In addition, we assisted the Concept Analysis Agency in a study designed to identify the costs and benefits of Apache, Black Hawk, and Chinook (ABC) deployments made by sea, air, or self-deployment. The study indicated that self-deployment would free Military Airlift Command assets, assure early deployment, provide operational flexibility, avoid sealift losses and be cost effective.

SHORTCOMINGS:

A goal during the year was to pull together all lessons learned from previous attack helicopter tests then publish and distribute them to attack pilots worldwide. Because of other commitments, this goal was not achieved but will take place in early 1983.

# TRADOC SYSTEM MANAGER SCOUT HELICOPTERS



## MISSION:

Conducts total system management for all Scout helicopters (Army Helicopter Improvement Program (AHIP), OH-58, OH-6, Light Combat Helicopter (LCH), and Light Helicopter Experiment (LHX)) within US Army Training and Doctrine Command (TRADOC). Insures that the user total system efforts are developed and fully integrated early and continuously throughout the development and deployment cycle.

The TRADOC System Manager (TSM) is responsible for--

All user actions as delineated in appropriate Army and TRADOC Regulations and amplified in DA Pamphlet 11-25. In particular, the TSM will insure that plans for training, personnel, logistical developments, and new doctrine/tactics are timely and fully integrated into the materiel development program.

Primary user interface with the US Army Materiel Development and Readiness Command (DARCOM) and the Project Manager (PM), Advanced Scout Helicopter (ASH).

Supervising, coordinating, and/or participating in the preparation and/or revision of appropriate materiel requirements documentation, development plans (training, personnel, and logistics), and testing plans.

Coordinating user evaluation of all proposals for changes to Scout helicopter systems and their relative priorities.

Insuring that all engineering change proposals (ECP) and other vendor or materiel developer trade-off proposals are compatible with user requirements.

Participating in the contractual actions of the materiel developer to insure compatibility with user requirements.

Preparing the TRADOC position and participating in all decision reviews for the Army Helicopter Improvement Program (AHIP).

Defending system requirements at all levels of the Department of Defense (DOD) and of Congress as directed.

Acting as chairman or co-chairman of all established Scout helicopter system TRADOC/DARCOM joint working groups.

Primary user representation in all studies, evaluations, and other efforts supporting development/deployment of Scout helicopters.

Insuring development of training standardization, to include participation with DARCOM/PM in Skill Performance Aids (SPAs), to insure that requirements are clearly stated for the AHIP.

Monitoring and/or participating in the budgetary process that impacts upon the functions of training, logistics, personnel, hardware, doctrine, tactics, and testing.

Maintaining and coordinating schedules for test, Cost and Operational Effectiveness Analyses (COEA), Cost and Training Effectiveness Analyses (CTEA), and related special study efforts for update of the AHIP master schedule.

ORGANIZATION:

The TSM-SH office was established at Ft Rucker, AL, on 12 July 1977. Current staffing authorization is one colonel (06), one lieutenant colonel (05), three majors (04), and one civilian secretary-stenographer (GS-5). Personnel presently assigned are--

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Robert S. Fairweather, Jr.	TRADOC System Manager	17 Jun 80 - Present
LTC Thomas E. Konkle	AHIP Coordinator	13 Apr 81 - Present
MAJ(P) Theodore T. Cappone, Jr.	Assistant TSM, Training/Personnel	1 Jul 82 - Present
MAJ Arthur L. Pope	Assistant TSM, Doctrine, Tactics, and Testing	31 Jul 80 - Present
MAJ Bruce G. McKenty	Assistant TSM, Logistics	7 May 82 - Present
Mrs. Betty J. Garbarini	Secretary-Stenographer	15 Oct 78 - Present

ACCOMPLISHMENTS:

Presented the user's case for the AHIP at the 8 March 1982 Army Systems Acquisition Review Council (ASARC) AHIP Milestone II meeting. The AHIP program received approval to proceed with full scale engineering development.

Presented the user's case for the AHIP at the 14 April 1982 OSD AHIP Milestone Program Go-Ahead Review. The AHIP program received go-ahead approval.

Served as Chairman of the AHIP TRADOC Integrated Logistic Support Management Team (ILSMT) and assigned taskings to assure full implementation of the Integrated System Support (ISS) concept. Also served as the principal TRADOC representative at DARCOM and Bell Helicopter Textron Integrated Systems Support (ILS) reviews.

Served as the principal TRADOC representative at the 1-4 November 1982 AHIP Critical Design Review.

Briefed the concepts for operational employment of Scout helicopters to the C3I Committee of the Defense Science Board at the USAF Academy on 27 July 1982.

Managed all user aspects of the OH-58 and OH-6 Fleet Product Improvement Programs, to include the OH-58C conversion program and the OH-58 accident prevention program.

Initiated and gained approval for the requirement for a cockpit procedural trainer (CPT) to support AHIP crew training.

Visited numerous TRADOC and US Army Forces Command (FORSCOM) installations to brief commanders, staffs, and unit personnel on the AHIP aeroscout program.

Coordinated and participated in the AHIP Staff Planners Course conducted by Bell Helicopter Textron (BHT) during the period 30 November 1982 - 3 December 1982.

Served as the primary TRADOC interface with the materiel developer to develop Light Combat Helicopters (LCH) for the Light Air Cavalry Troop (LACT) test scheduled for April 1983. Provided direct day-to-day assistance to the Aviation Board.

Initiated, supervised, and coordinated the effort leading to the 30 August 1982 TRADOC approval of the test issues for the AHIP Operational Test II (OT II), scheduled for September 1984 through January 1985.

Submitted information articles on the AHIP program which were published in various professional journals.

# TRADOC SYSTEM MANAGER- UTILITY HELICOPTERS

## MISSION:

The Training and Doctrine Command (TRADOC) System Manager (TSM) conducts total system management for Utility Helicopters within TRADOC. He insures that the total system efforts are developed and fully integrated early and continuously throughout the development, production, and deployment of all Utility Helicopters.

The TSM is responsible for--

All user actions for Utility Helicopters as delineated in appropriate Army and TRADOC regulations and amplified in Department of the Army Pamphlet 11-25. In particular, the TSM will insure that plans for training, personnel, logistics, testing organizations, and new doctrine/tactics are timely and are fully integrated into materiel development and fielding programs.

Primary user interface with the Program/Project Managers (PMs) and Readiness Project Officers (RPOs) for Utility Helicopters.

Supervising, coordinating, and/or participating in the preparation and/or revision of appropriate materiel requirements documentation, development plans (training, personnel, and logistics), and testing plans for Utility Helicopters.

Coordinating user evaluation of all equipment performance reports (EPR) and subsequent proposals for design changes to the Utility Helicopters including determination of their relative priorities.

Insuring that all engineering change proposals (ECPs) and other vendor or Army initiated system trade-off proposals are compatible with user requirements.

Participating in the contractual actions of the Development and Readiness Command (DARCOM) PM/RPO, to insure compatibility with user requirements.

Preparing the TRADOC position for the participating in all decision reviews for Utility Helicopters.

Primary user representation in studies, evaluations, and other efforts supporting development and fielding of Utility Helicopters.

Defending or validating system requirements at all levels of the Department of Defense (DOD) and of Congress as directed.

Acting as chairman or co-chairman of all established TRADOC/DARCOM joint working groups (JWG) for Utility Helicopters.

Insuring development of training literature, individual and collective training programs, courses, instructional media, new equipment training (NET), transition training, crew and unit evaluation documents, and devices needed to support Utility Helicopters in the institution/unit training environment and in the field.

Insuring development of training standardization, to include participating with DARCOM PM/RPO in the development of a complete Skill Performance Aids (SPAs) Package, as appropriate, to insure that requirements are clearly stated for Utility Helicopters.

Monitoring and/or participating in the budgetary process that impacts upon the functions of training, logistics, personnel, hardware, doctrine, tactics, and testing as they pertain to Utility Helicopters.

Developing of input to the TRADOC Program Analysis Resource Review (TPARR) and other similar documents.

Providing input to the TRADOC Management Information System (TRAMIS) for Utility Helicopters under provisions of TRADOC Regulation 71-1.

Maintaining and coordinating schedules for testing, Cost and Operational Effectiveness Analysis (COEA), Cost and Training Effectiveness Analysis (CTEA), training, and related special study efforts for update of the Utility Helicopter Master Milestone Schedules.

Insuring the reports on the Utility Helicopters are provided as required by this charter and notifying the Commander, United States Army Aviation Center (USAAVNC), and the Commander, TRADOC, when it appears that any approved program threshold has been or is forecast to be breached.

Maintaining close and continuous liaison with the major mission proponent and other co-proponents for Utility Helicopters to insure that those agencies are fully informed of all actions pertaining to Utility Helicopters and that those actions are fully coordinated.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL C. F. McGillicuddy, Jr.	TSM	Entire Year
LTC W. F. Tiller	Asst TSM (Pers)	Entire Year
MAJ K. A. Rhodehamel	Asst TSM (Tng)	Entire Year
MAJ E. T. Gordon, Jr.	Asst TSM (Log)	Entire Year
Mrs. Pamela L. Driver	Secretary	Dep - Aug 82
Mrs. Lorinda M. LeDuc	Secretary	Arrived - 20 Dec 82

#### ACCOMPLISHMENTS:

Examined the UH-1 Product Improvement Programs (PIPs) and recommended prioritization and coordinated UH-1 PIP Program.

Participated in Self-Deployability Study Group actions pertaining to the Black Hawk and coordinated BOIP for UH-60A External Stores Support System.

Participated in Black Hawk Integrated Logistics Support Management Team (ILSMT) meetings.

Participated in various Black Hawk Supportability Reviews.

Participated in Materiel Fielding Team visits at various Continental United States (CONUS), United States Army Europe (USAREUR), and EUSA, Korea.

Participated in key actions involving Black Hawk Infrared (IR) Suppressors, Anti-Ice/Deice System, and External Stores Support System (ESSS).

Completed fifth year production and began sixth year (346 Black Hawks fielded).

Coordinated UH-60A Flight Simulator Program.

Participated in Black Hawk improvement programs.

Coordinated efforts to update UH-60A Part Task Trainers.

Participated in Medical Evacuation Kit development and testing meetings.

Coordinated efforts to improve Black Hawk fuel system.

# TRADOC SYSTEM MANAGER- HELLFIRE/MLMS



## MISSION:

The TRADOC System Manager (TSM) conducts total system management for the HELLFIRE Modular Missile System (HMMS) and Multipurpose Lightweight Missile System (MLMS) within the Training and Doctrine Command (TRADOC). Total system efforts are developed and fully integrated early and continuously throughout the development and deployment cycle. The TSM, acting for the Commander, US Army Aviation Center (USAAVNC), and Commander, US Army Training and Doctrine Command, discharges the user's responsibilities in the development, testing, training, and in coordination with the gaining commands, fielding of the HELLFIRE and MLM systems. In particular, the TSM insures that plans for training, personnel, logistics, testing, and new doctrine and tactics are timely and fully integrated into the materiel development program.

## Additional mission responsibilities:

The TSM also serves as the primary user interface with the Project Manager (PM) for the HELLFIRE and MLM systems. The office likewise coordinates the TRADOC positions for and participates in all decision reviews, in-process reviews, and Army and Defense Systems Acquisition Review Councils (ASARC/DSARC) for the HELLFIRE and MLM systems. TSM-HELLFIRE/MLM participates in and monitors Cost and Operational Effectiveness Analysis (COEA), Cost and Training Effectiveness Analysis (CTEA), and other special study efforts pertaining to HELLFIRE/MLM and air-to-air combat.

## ORGANIZATION:

The HELLFIRE/MLMS TSM Office is established at the USAAVNC, Fort Rucker, Alabama, with necessary facilities and administrative support provided by that organization. Staffing for the TSM office is one colonel (06), one lieutenant colonel (05), two majors (04), and one civilian clerk-typist, with qualifications and skills as determined by the Commander, USAAVNC. Additional staffing and support is provided as directed by the Commander, USAAVNC.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Lee C. Smith, Jr.	TSM for HELLFIRE and MLM	Entire Year
LTC David A. Lum	Asst TSM for Logistics and Training	Entire Year
MAJ Peter A. NePote, Jr.	Asst TSM for Personnel, Tactics, Doctrine, and Training	Entire Year
MAJ Robert C. Codney	Asst TSM for Research, Development, Test, and Evaluation	14 Sep 82 - Present
Mrs. Peggy Ann T. Lewis	Secretary (Steno), GS-5	Entire Year

## ACCOMPLISHMENTS:

During 1982, the main thrust of TSM-HELLFIRE/MLMS was to serve as the Army's prime focal point for both the HELLFIRE and Multipurpose Lightweight Missile System (MLMS) programs, with the primary objective of insuring that plans for training, personnel, logistics, organization, and new doctrine/tactics for the HELLFIRE and MLMS were timely and fully integrated into the materiel acquisition process. Provided the initiative for keeping the MLMS program in the forefront of Army planning.

Prepared and presented Laser HELLFIRE Army Systems Acquisition Review Council (ASARC) III (Production) briefings at Department of the Army, DARCOM, and TRADOC. The program was approved and production contracts were issued to Martin Marietta (seeker) on 25 February 1982, and Rockwell International Corporation (missile and launcher) on 31 March 1982. The first production buy includes 864 HEAT, Dummy and Training Missiles, 135 Launchers, and 869 Missile Containers, February 1982.

With increased emphasis on weapon systems countermeasures, a review of countermeasure threats to Laser HELLFIRE and hardening of the HELLFIRE System was conducted with the HELLFIRE Program Manager (PM), Systems Planning Corporation, BDM Corporation, Missile Command, Rockwell International Corporation, and the user community, May 1982.

Three ballistic HELLFIRE Missiles were successfully launched from a UH-60 Black Hawk helicopter equipped with the External Stores Support System. The results of the feasibility firings confirmed the UH-60's stability as a HELLFIRE launch platform, May 1982.

In conjunction with PM-HELLFIRE, a Fire and Forget Symposium was conducted at Redstone Arsenal, Alabama, to examine several systems concepts and alternatives to best support a complementary seeker/weapon. This is the first step for resurfacing the Fire and Forget seeker requirements, October 1982.

Two HELLFIRE ballistic missiles were fired at Yakima Firing Center from a Commercial Utility Cargo Vehicle as part of the Light Attack Battalion Organization and Operation Concept Evaluation. The feasibility firing of HELLFIRE in a ground launch mode for the 9th Infantry Division High Technology Test Bed was labeled a success. One missile malfunctioned shortly after launch, and the second missile hit the target.

The Required Operational Capability (ROC) for the MLMS (air-to-air) was approved by the Office of the Deputy Chief of Staff for Operations (ODCSOPS) on 29 Jun 82 and by the Vice Chief of Staff of the Army (VCSA) on 29 Jun 82. Present plans are to develop 720 aircraft systems for Scout helicopters.

#### SHORTCOMINGS:

Funds for the MLMS program have not yet been approved due to budgetary constraints and program priority by Department of the Army.

# STAFF JUDGE ADVOCATE

## MISSION:

The Staff Judge Advocate (SJA) office provides legal services for the US Army Aviation Center, prosecutes and administers courts-martial, provides legal assistance to soldiers and family members for personal legal problems, and administers the Federal Magistrate Court for minor criminal offenses occurring on the Fort Rucker Military Reservation.

## ORGANIZATION:

Organization consists of the following: SJA, Deputy SJA, Administrative Law/Legal Assistance Branch, Claims Branch, Military Justice, and Administrative Branch.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC Charles A. Zimmerman	Staff Judge Advocate	Arr - 2 Jul 82
LTC James F. Price	Staff Judge Advocate	Dep - 17 Jun 82
MAJ James J. Murphy	Deputy Staff Judge Advocate	Entire Year
WO1 Charles R. Poulton	Legal Admin Technician	Entire Year
CPT Henry R. Richmond	Chief, Military Justice	Entire Year
CPT Dan A. Payne	Chief, Claims Section	Entire Year
CPT Vivian A. Davis	Chief, Legal Assistance	Entire Year
SFC Roger A. Schill	NCOIC, Admin Section	Arr - 5 Jun 82
SFC John W. Doriety	NCOIC, Admin Section	Dep - 15 Jun 82
Mr. Charles R. McBride	Attorney Advisor	Entire Year
Mr. David M. Smith	Attorney Advisor	Entire Year

## ACCOMPLISHMENTS:

The Federal Magistrate Court system in operation at Fort Rucker tried a total of 1,512 cases in the 24 sessions held during the year, an average of approximately 63 cases per session.

The Military Justice Branch tried 6 General, 14 Special, and 22 Summary Courts-Martial during CY 82.

This office continued to work with the Youth Assistance Program to resolve juvenile problems at Fort Rucker in an effective manner without giving the juvenile a criminal record. During the year, a total of 30 cases were adjudicated. The program is operating very successfully at present.

During the year, the Claims Branch saw a total of 1,305 claimants and \$614,762.13 was paid for claims. The third party recovery (recovery from carriers) for FY 82 amounted to \$209,344.22. This represents a recovery rate of 39.7% which is substantially above the Army-wide average of 24%. This was fifth in amount for all US Army installations worldwide. The third party medical care recovery for CY 82 was \$81,500.80. This was an increase over CY 81 of \$35,836.80. A Specialist Six, NCOIC, was assigned to the Claims Section to create better overall office management within the section.

Approximately 5,300 legal assistance clients were interviewed during the year with a total of 2,800 Wills prepared for clients. The Legal Assistance Section also prepared approximately 4,800 other legal documents (e.g., Powers of Attorney, Bills of Sale) for servicemembers, dependents, and retirees. The waiting period for receiving a Will after the interview was reduced to approximately 2 weeks.

A legal Assistance Paralegal position was created and filled.

A Tax Assistance Program was provided by the Legal Assistance Section for the 1982 tax season. A Volunteer Income Tax Assistance course was held at Fort Rucker, in conjunction with the Internal Revenue Service, for the benefit of unit tax assistants.

A quality control system was developed to provide client feedback to the Staff Judge Advocate on the services provided by the Legal Assistance Branch.

During 1982, negotiations were completed on two new collective bargaining agreements with the American Federation of Government Employees, Local 1815, and the Wiregrass Metal Trades Council. The Installation Labor Counselor served as the Chief Management Negotiator for both of these agreements. Formal signing of the agreements will take place early in 1983.

On 2 September 1982, the Secretary of the Army accepted the concurrent legislative jurisdiction ceded by the state of Alabama pursuant to Fort Rucker's request of 9 January 1981. By virtue of that acceptance, Fort Rucker received concurrent jurisdiction over all of the northern portions of the post (with exception of Highways 27 and 51) and Cairns Army Airfield. Fort Rucker had previously only exercised a proprietorial interest in those areas.

# PUBLIC AFFAIRS OFFICE

## MISSION:

Provides the interface between the military and public Community Relations, and Command Information support to the installation. The audiences serviced include active duty military, family members, retired military, civilian employees, Army Reserve and National Guard personnel, US Army Recruiting Command, personnel, tenant activities, and personnel within the geographic area of responsibility.

## ORGANIZATION:

The Public Affairs Office is organized into four elements. All print and electronic news releases, in addition to the hometown news release program, are written and distributed by Public Information. Community Relations coordinates and guide tours of the installation by outside groups, provides speakers for various civic and local community organizations, coordinates appearances of the 98th Army Band within the geographical area of responsibility, and coordinates all installation assets for ceremonies and events held outside Fort Rucker. The post newspaper, "The Army Flier," is the responsibility of Command Information while the administration element handles all administrative requirements for this special staff activity.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Ronald L. Roux	Public Affairs Officer	Entire Year
DAC Herbert C. Strickland	Deputy Public Affairs Officer	Entire Year
MSG Richard W. Beacham	Public Affairs Supervisor	Entire Year
DAC Marjorie V. Cobb	Public Information Supervisor	Entire Year
DAC E. Patrick Robbins	Public Information Specialist	Entire Year

## ACCOMPLISHMENTS:

Print and electronic media coverage was provided for the 40th Anniversary of Army Aviation, Combined Federal Campaign Fund Drive, Fort Rucker 49'er Party, Federal Women's Week, Fire Prevention Week, Officer Friendly Junior MP program, Operation Santa Claus, Officers' Wives' Club, and Noncommissioned Officers' Wives' Club Christmas Bazaar, a fall and spring Volksmarch, Army Emergency Relief Fund Drive, dedication of the new site for the existing Army Aviation Museum, and the soldier/noncommissioned officer of the month/year.

A myriad of events was given extensive coverage throughout the year. These included the TRADOC Handicapped Employee of the Year and TRADOC Class B basketball championships; Special Olympics; 46th Engineer Battalion deployment on REFORGER '82; MG Carl H. McNair, Jr., Commander, Fort Rucker, held a special press conference after the second shooting of a UH-1 over Alabama farm land; United States Military Academy Cadet Flight Training Program; MAJ Rose Fitchett, first black female doctor to complete Flight Surgeon Course; LTC Theiler, German Army, first Allied Flight Surgeon to graduate from Flight Surgeon Course; Officer Cadet (VDG) Alexandra E. Wiessing, Royal Netherlands Air Force, first EURO-NATO female to graduate from Initial Entry Rotary Wing training; AUSA JROTC Rifle and Drill Team championships; acceptance of the first CH-47D into the Army's inventory; American Heritage Week; ground breaking ceremony for the expansion of Lyster US Army Community Hospital; American Tactical Training Exercise; Army Aviation Symposium Progress Review; retirement of the UH-1B Huey from the Active Army inventory; H. Ross Perault and Jay Coburn who flew around the world in a Bell Ranger helicopter; and an air demonstration of prototype aircraft by their designers.

An eleven-part series, "History of Army Aviation," written by the Public Information section received local, regional, and Army-wide distribution through TRADOC and "DA Scene" and was nominated for a "Keith L. Ware Award."

Widespread publicity and recognition was received via print and electronic media coverage of the first two of the quarterly Local Appreciation Day events in which tribute by Fort Rucker is given the surrounding communities in an effort to insure cohesion and reinforce military/civilian relations.

Assistance was given to CBS affiliate WAGA-TV Atlanta on their five-part series, "Women in the Army," filmed partly at Fort Rucker to WSFA-TV Montgomery on their three-part documentation of the 40th Anniversary of Army Aviation and to the Alabama Film Commission to photograph a calendar sequence.

National media recognition was achieved through "PM Magazine's" study of the Southeastern United States and a "National Defense Review" magazine article.

Fort Rucker was host to an array of distinguished guest speakers with this office providing maximum print and electronic media coverage. Among these honored speakers were General John A. Wickham, Jr., Vice Chief of Staff of the Army; Honorable James R. Ambrose, Under Secretary of the Army; BG James L. Dozier, former Red Brigade hostage; Alabama Governor Fob James; LTG Sidney B. Berry, Superintendent, United States Military Academy, West Point; LTG Jack V. Mackmull, Commander, XVIII Airborne Corps; and General Glenn K. Otis, Commander, Training and Doctrine Command.

Thirty-one electronic (radio and television) production releases were distributed to an average of 14 civilian electronic media outlets. Seven features were released to six commercial television outlets and one Alabama public service organization. Department of the Army military and civilian personnel made a total of 11 appearances on television and radio stations in support of community projects.

Radio program, "Moments of Discovery," launched last year by the Public Affairs Office and the Office of the Center Chaplain continues to air daily and is well received. The 5-minute program receives air time on WKMX in Enterprise and WTVY and WWNT in Dothan.

Static displays of Army aircraft appeared in 16 events throughout Alabama and Florida. Fort Rucker Sport Parachute Club performed 15 demonstration jumps to audiences throughout the Southeast United States. Army teams performed in five live rappelling exhibits from UH-1 helicopters to a variety of spectators. The 98th Army Band performed on 22 occasions throughout the area of geographic responsibility. These performances by Army personnel provided a high degree of visibility to the Army and did much to promote its image to prospective recruits.

A total of 830 printed news releases with photographs were distributed to more than 40 local, area, and regional news media.

The Public Affairs Office organized and conducted more than 30 tours. Participants in these tours included grammar and high school students, Boy Scouts, educators from high schools and colleges, junior/senior Reserve Officers' Training Corps cadets, senior citizens, civilians with an interest in the Army and the Army Aviation Program, and visiting tours from foreign countries. More than 1,400 people were guided on these tours from as far away as Scotland.

# INSPECTOR GENERAL



## MISSION:

Inquiries into and reports upon matters affecting the performance of mission, state of economy, efficiency, discipline, and morale of the command.

## ORGANIZATION:

The Inspector General Office is organized in two branches, Assistance and Inspections, under the direction of the United States Army Aviation Center Inspector General.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC Joel H. Hinson	Inspector General	All of 82
MAJ John R. Wehr	Chief, Inspections Branch	Dep - 11 Jun 82
MAJ Robert D. Enyeart	Chief, Inspections Branch	Arr - 14 Jun 82
	Chief, Assistance Branch	Dep - 11 Jun 82
MAJ David F. Sale	Chief, Assistance Branch	Arr - 15 Jul 82

## ACCOMPLISHMENTS:

The Inspector General Office provided the Commanding General with a continuing assessment of the operational and administrative effectiveness of directorates, commands, and activities at Fort Rucker.

During 1982, the Office of the Inspector General conducted inspections of the following units/activities:

- Fort Rucker Riding Club
- Equal Employment Opportunity Office
- Staff Judge Advocate
- Directorate of Engineering and Housing
- Office of Accident Prevention
- Finance and Accounting Division
- HQs, 6th Battalion
- HQs, 1st Battalion
- HQs, 4th Battalion
- HQs, 46th Engineer Battalion
- Post Exchange
- Directorate of Training Developments
- Directorate of Evaluation/Standardization
- Directorate of Personnel and Community Activities/Secretary
- Chaplains' Fund
- Veterinary Clinic Fund
- Directorate of Combat Developments
- Provost Marshal
- Twenty-two company-sized units

Three hundred and eleven Inspector General Action Requests were completed by personnel of the Inspector General Office. Additionally, 1 formal and 11 informal inquiries were completed during the year.

The ability of the Inspector General Office to conduct maintenance inspections was enhanced by the authorization and fill of a Mechanical Maintenance Supervisor (NCO) in the Assistance Branch during 1982.

# OFFICE OF CIVILIAN PERSONNEL



## MISSION:

Responsible for accomplishing the Civilian Personnel Management Program, with the authority from the Commanding General. Provides staff assistance to managers and supervisors in taking actions to obtain, compensate, train, develop, utilize, and retain an effective and efficient work force. Administers legal regulations and procedural controls established within the Federal Personnel System. Evaluates jobs and accomplishes personnel actions; exercises leadership in the development and administration of local civilian personnel policies and programs; maintains contacts with outside agencies and community organizations; and provides effective direction to employee/management relations. Provides advice and assistance to managers and supervisors on program planning and evaluation, supervisor/employee relations and communications, motivation and recognition, training and development, and employee services.

## ORGANIZATION:

The Office of Civilian Personnel is composed of the following elements:

- Office of the Chief
- Technical Services Office
- Recruitment and Placement Branch
- Position and Pay Management Branch
- Management Employee Relations Branch
- Training and Development Branch

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LeRoy Daniels	Civilian Personnel Officer	Entire Year
Marjorie P. White	Assistant Personnel Officer/Chief, Position and Pay Management Branch	Entire Year
Arthur D. Capron	Chief, Training and Development Branch	Entire Year
James E. Cobb	Chief, Management/Employee Relations Branch	Entire Year
Joe W. Winston	Chief, Recruitment and Placement Branch	Entire Year
Sarah I. Ross	Chief, Technical Services Office	Entire Year

## ACCOMPLISHMENTS:

During 1982, 84 employees retired from Civil Service, 17 retired on disability, 67 were optional retirements.

The civilian strength at the beginning of the year was 2,273 General Schedule (GS) and 650 Wage Grade (WG) employees for a total of 2,956. There were 2,329 GS and 636 WG employees at Fort Rucker at the end of 1982 for a total of 2,992. During 1982, the Fort Rucker average GS grade and the number of high grade positions remained within the assigned TRADOC average GS grade and high grade ceilings.

During 25-27 October 1982, the Office of Personnel Management, Southeast Region, Atlanta, Georgia, conducted a Federal Regional Management Conference. Due to the presence of the

commanding general when the 100th birthday of Civil Service was announced, plans were initiated immediately upon return to Fort Rucker for an official luncheon in honor of the Civil Service Centennial to be held on the Civil Service Birthday, 17 January 1983. By the end of December, confirmation had been received that the guest speaker would be Mr. David Caldwell, Regional Director, Southeast Region, Office of Personnel Management, in Atlanta, Georgia.

A Locality Wage Change Survey was conducted under the guidance of the Department of Defense Wage Fixing Authority during 1982. Data collectors representing labor and management contacted local industries by telephone to obtain wage data from which DoD Wage Fixing Authority developed new wage schedules for blue collar workers in the Dothan, Alabama, wage area. Because of the president's pay restrictions, the increase for blue collar workers was held to 4%.

The Recruitment and Placement Branch has been reorganized into five major operating teams, not including the Special Examining Unit. The concept of establishing teams is to create a more efficient and functional body. Special Programs will be distributed among all teams so that one individual will not be burdened with all Special Programs as they have universal application throughout the Command and a tremendous amount of work is required to operate each. Some of the Special Programs are as follows: Department of the Army Intern Program, Upward Mobility Program, Summer Employment Program, Worker-Trainee Program, Cooperative Education Program, etc.

The Recruitment and Placement Branch has also established a Viable Staffing Plan that will provide knowledge of future staffing requirements. This knowledge will provide the staffing specialist with lead time to prepare and initiate recruitment to meet required needs.

The Merit Placement Plan has been negotiated and signed by the Wiregrass Metal Trades Council and is presently awaiting signature by the American Federation of Government Employees. It is anticipated that the plan will be signed within the next 2 weeks. This delay occurred due to the Union president accepting a new position with the American Federation of Government Employees. Both Unions have agreed to try the proposal which would eliminate the use of the Official Personnel Folder as the primary document used for candidate evaluation under JOAs.

More than 2,000 civilian employees attended training or development classes in CY 82. Forty-five classes were conducted on the installation, which reduced travel expenditures. Additional cost reductions were achieved through the participation of 264 employees in correspondence courses.

# EQUAL EMPLOYMENT OPPORTUNITY



## MISSION:

Provide equal opportunity in employment for all persons. Prohibit discrimination in employment because of race, color, religion, sex, national origin, age, mental or physical handicap. Promote the full realization of equal employment opportunity through a continuing affirmative action program in each organization at USAAVNC and Fort Rucker. Insure that equal opportunity applies to every aspect of personnel policy and practice in the employment, training, development, advancement, and treatment of civilian employees of Fort Rucker.

Advises the installation commanding general/commandant on matters pertaining to equal opportunity for civilian personnel. Confers with management to develop flexible solutions to problems in harmony with the merit system and equal opportunity program objectives. Furnishes guidance to equal employment opportunity (EEO) counselors. Supports EEO counselors and management in resolving complaints at the lowest level. Monitors the Special Emphasis Programs; develops and implements Affirmative Action Plan. Monitors implementation of the Matthews/Huntington Consent Decree.

## ORGANIZATION:

The Equal Employment Opportunity staff consists of the Equal Employment Officer, five Equal Employment Specialists, Statistical Clerk, and Secretary. Eighteen Equal Employment Opportunity counselors serve on a collateral duty basis.

### KEY PERSONNEL

### POSITION

### ARRIVAL/DEPARTURE DATES

Mr. Charles F. Auman  
Ms. Gennie Weiss  
Mr. James W. Harris

EEO Officer  
EEO Spec  
EEO Spec

3 May 82  
Entire Year  
Entire Year

## ACCOMPLISHMENTS:

Established and conducted staff assistance visits to provide the SACG/CofS/CG with an assessment of the EEO Program.

Developed, published, and disseminated USAAVNC Pam 600-3, Prevention of Sexual Harassment, to the work force.

In conjunction with EO, conducted a survey to the work force on problems of sexual harassment in the work place and provided the commanding general with results.

Appointed and trained 14 EEO counselors to provide access to counseling for employees.

Sought to resolve complaints on an informal basis.

Expanded EEO role in training of the work force.

Participated in State of Center Briefing.

Increased emphasis and monitoring of Special Programs.

Developed Multi-year Affirmative Action Plan.

Appointed Hispanic Employment Program Manager.

Assumed additional responsibilities under the Matthews/Huntington Consent Decree.

Increased the black representation of the general schedule and wage grade work force.

Increased the number of black civilian personnel in all categories to 582 as of 29 December 1982.

# CENTER CHAPLAIN



## MISSION:

Advises the commander on all matters pertaining to religion, morals, and morale as it is affected by religion in accordance with AR 165-20.

Provides religious services, sacraments, ministrations, and pastoral care to all soldiers assigned to Fort Rucker together with their family members, and to all retirees within the installation's designated support area responsibility.

Maintains liaison with chaplains of higher and adjacent headquarters, and with civilian religious institutions and churches.

## ORGANIZATION:

The organization of the Office of the Center Chaplain consists of a Center Chaplain, a Family Life Chaplain, a Brigade Chaplain, 4 Battalion Chaplains, and 5 Command Chaplains, together with 13 enlisted Chapel Activity Specialists and 3 civilian personnel as authorized by paragraph 12 of TDA TCWOU9AA. Additionally, the Center Chaplain supervises a Chaplain and Chapel Activity Specialist assigned to the 46th Engineer Battalion and provides technical supervision to an instructor chaplain assigned to the Department of Academic Training in the Aviation School.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Ch (COL) James Hansen	Center Chaplain	Entire Year
Ch (LTC) Donald Brosmer	Catholic Chaplain	14 Sep 82 - Present
Ch (LTC) Ernest Chance	Chapel/Flags Pastor	26 Nov 82 - Present
Ch (LTC) George Hattle	Family Life Cen Ch	Dep - 13 Jun 82
Ch (LTC) Clyde Northrop	Pastoral Coordinator	1 May 82 - Present
Ch (MAJ) Pat Adkins	Catholic Chaplain	Dep - 15 Jul 82
Ch (MAJ) Edison Burleson	HQ PL Chapel Pastor	Entire Year
Ch (MAJ) Robert Lee	Family Life Cen Ch	23 Aug 82 - Present
Ch (MAJ) Wayne Lehrer	BDE Chaplain	Entire Year
Ch (CPT) Dennis Demond	6th Bn Chaplain	26 Feb 82 - Present
Ch (CPT) Jonathan Grant	1st Bn Chaplain	Dep - 13 Sep 82
Ch (CPT) David McLean	Chapel/Flags Pastor	Dep - 9 Dec 82
Ch (CPT) Willard Richardson	Family Life Cen (Interim)	Dep - 9 Dec 82
Ch (CPT) Bruce Rux	USACC Chaplain	Entire Year
Ch (CPT) Froilan Saluta	1st Bn Chaplain	Entire Year
Ch (CPT) David Stricker	4th Bn Chaplain	16 Feb 82 - Present
Ch (LT) Benjamin Small	BDE Chaplain Asst	22 Nov 82 - Present
Ch (LT) Bennie Stallings	Chapel/Flags Co-Pastor	15 Nov 82 - Present
Ch (MAJ) Kenneth Davis	DOAT Instructor	Entire Year
Ch (CPT) Daniel Musgrave	46th Engineer Bn Ch	Entire Year
Mr. Louie Reynolds	Prot Rel Ed Director	Entire Year
Sr. Mary Kavanaugh	Cath Rel Ed Director	Entire Year
Ms. Martha Wells	Program/Budget Anal	Entire Year

## ACCOMPLISHMENTS:

Conducted the Martin Luther King Memorial on 15 January 1982. Service was held at 46th Engineer Dining Facility with approximately 300 in attendance.

Conducted the National Prayer Breakfast at the Officers' Club on 5 February 1982 with MG (Ret) Harley L. Moore as speaker. More than 275 attended the event.

hosted a Sweetheart Banquet at the Family Life Center on 27 February with 90 people attending.

Conducted a Family Eucharistic Retreat for the Lutheran Community on 5-7 March 1982 in Panama City, FL, with more than 30 persons attending.

Established the Office of the Bde Chaplain on 1 April 1982 and implemented supervision and coverage of the Bde from that level.

Conducted the "Living Last Supper" at the Chapel of the Flags on 8 April 1982 at 1900 hours with 193 people attending.

Conducted a Good Friday Prayer Breakfast Drama (The Golden Crown) at the Recreation Center on 9 April 1982, 0900 hours, for more than 320 personnel with a cast of over 50.

Conducted the "Cross Bearers" program - a 7-week emphasis to help discover the meaning of the cross in the modern world during the Lenten season.

Held a Congregational Progressive Dinner in local homes on 14 May 1982 with 60 people attending.

Conducted a picnic at Lake Tholocco for the combined Protestant Congregations of Fort Rucker on Sunday afternoon, 1500 hours, 6 June 1982, in conjunction with the 40th Anniversary Celebration with 200 in attendance.

Conducted CCD summer school which attracted 250 children from 7 through 11 June 1982.

Conducted Protestant VBS which attracted 400 children from 14 through 18 June 1982.

Conducted a Father-Son Prayer Breakfast on 20 June 1982, 0730 hours, at the dining facility, Lyster Army Hospital. Colonel (Ret) Jerry Sage was the speaker.

Coordinated the Liturgical Orientation/Evaluation 10 July 1982 - 19 July 1982 with Rev. Jeremy King, OSB, as the resource person.

The PYOC held a retreat at Camp Vineyard near Ariton, AL, 6-8 August 1982 with 14 young people attending. Rev. Gene Smith was the retreat speaker and Miss Joanna Hansen played the guitar and led the singing. Counselors from Fort Rucker who attended the retreat were Chaplain Daniel Musgrave, Louie Reynolds, and CW2 and Mrs. Jim Hughes.

Presented a musical narration and dramatization of the Black Experience in America at the Chapel of the Flags on 11 August 1982 with 128 attending.

A children's camp for grades 4-6 was held 19-22 August 1982 at Camp Victory near Samson, AL. There were 31 campers and 7 counselors from Fort Rucker. The counselors were Chaplain Dennis Demond, Louie Reynolds, SFC and Mrs. Herb Quarles, Mrs. Karen Snider, and Miss Joanna Hansen.

Conducted weekly training sessions for Master degree students from Troy State University who are completing their Practicum at the Family Life Center. (Aug-Dec 82)

Established a publicity/information folder which tells the Fort Rucker Family Life Story and opportunities available. (Aug 82)

Chapel of the Flags choir presented the cantata "Celebrate Life" on 19 September at the Chapel of the Flags and on 17 October 82 at St John's Chapel, Enterprise.

Re-located the Center Chaplains Office from bldg 3505 to bldg 8914 in September 1982.

Re-located the Family Life Center from bldg 8914 to bldg 3505 in September 1982.

Frank R. Harvey, a Christian Dramatist, conducted a workshop for lay readers at the Family Life Center on 3 September 1982. During the next 2 days, he presented four dramatic monologues at various locations including "The Living Last Supper" and "The Roman Centurion."

Conducted a study series "Edge of Adventure" for 13 weeks - beginning in September - average attendance of 11.

Bethel Bible Series taught weekly beginning in September.

Progressive Dinner was attended by 60 people on 16 October in local homes and at the Family Life Center.

Presented a Reformation Festival on 31 October 1982 for Lutherans of the Wiregrass Area with the Rev. Dr. Gerald Troutman, Bishop of the Lutheran Church's Southeastern Synod as preacher; more than 175 attended.

Held a documentary of the Swan People of Papua, New Guinea, and the Word of God on 14 November at 1830 hours; 35 people attended.

Coordinated a Pre-Thanksgiving Harvest Dinner on 21 November 1982 which attracted 375 soldiers and family members.

Presented a Systematic Training for Effective Parenting course for six persons.

Conducted three Crismon workshops followed by tree lighting services on 5 December 1982 at the Chapel of the Flags and Headquarters Place Chapel.

Conducted a Spanish mass every first Sunday of the month, and weekly religious activities for the Hispanics that culminated with a Spanish fiesta during the feast of Our Lady of Guadalupe, 12 December 1982.

Conducted a Christmas cantata at Post Theater on 12 December 1982 in cooperation with the 98th Army Band entitled "Ring the Bells." A reception followed at the Recreation Center.

Conducted 6th Bn Wives retreat on 15 December 1982 at the Holiday of Ozark. Guest speaker was Mrs. Vivian Erkins; 26 attended.

Conducted Christmas Dinner Theater (The Strange New Star) at the Officers' Club on 16 December 1982, 1830 hours, with a cast of over 50, and 350 personnel attended.

Held a Children's Christmas Program 19 December at 1800 hours at the Chapel of the Flags with 250 in attendance.

Candlelight Services were conducted on 24 December 1982 at the Chapel of the Flags and HQ Place Chapel with 235 people in attendance.

Conducted a Children's Mass at Fifth Ave Chapel during Christmas Eve with the offerings and gifts designated to a children's hospital.

First Lutheran/Episcopal Joint Eucharist celebrated on Christmas Day with the approval of both denominations. The service was held at the 3rd Ave Chapel.

Cooperated with and collected toys for the Operation Santa Claus project.

Conducted daily radio programs entitled "Moments of Discovery" on three local radio stations (WKMX-RM, 0440, Tuesday-Saturday; WTVY-FM, 0500, Monday-Friday; and WWNT-AM, 0700, Monday-Friday).

Conducted a weekly inquiry class for soldiers/dependents that resulted in at least 20 adult baptisms into the Catholic Church.

Organized a regular monthly Welcome Coffee for the new members of the Catholic parish.

Organized Penitential Celebrations for the Catholic parish for the season of Lent and season of Advent with the priests of the deanery coming to help.

Established a Lay Ministry Program for the Catholic parish to enable soldiers and parishioners to be more actively involved in the church. This program involved Lay Eucharistic ministry, lectors, song leaders, ushers, and lay volunteers.

Implemented and tested a revised mobilization SOP (tested during MOBEX 83) testing facets of the plan which were not part of anyone else's exercise; i.e., religious education without facilities.

Episcopal congregation established with regular weekly services and ministries.

Conducted 11 post-wide monthly Prayer Breakfasts in bldg 3505 with an average attendance of 40.

SHORTCOMINGS:

Failed to implement a complete Reserve Component chaplain coverage program due to consistent inadequate and inaccurate data from Reserve Component PAC (RCPAC).

Failed to implement a regular brigade (BDE) level coverage of the flight line. Will be accomplished early in 1983.

# SECRETARY GENERAL STAFF

## MISSION:

Secretary General Staff - Directs and controls overall operations of the Command Pilot, Protocol, and Administrative Divisions; coordinates and supervises the flow of correspondence, messages, and administrative actions within the Command Group/Staff, designates actions agencies on incoming correspondence to the Center as appropriate, and is responsible for all property and supplies necessary for the efficient operation of the Headquarters.

Command Pilot - Responsible for control and operation of the Command Group fixed and rotary wing aircraft. Serves as aviation advisor, planner, and pilot for all aviation matters/assets inherent to daily mission requirements in support of the Command Group.

Protocol Division - Plans and coordinates all itineraries, billeting, transportation, and social activities for official visitors and guests of the command.

Administrative Division - Supervises and is responsible for all administrative functions of the command and staff, to include office management, classified files, message center, Xerox reproduction for the Headquarters, scheduling and arranging Center Conference Room for briefings and Staff Duty Noncommissioned Officer.

Headquarters Commandant - Manages the Secretary General Staff Administrative Division. Coordinates the furnishing, accountability, and maintenance of the Headquarters complex. Coordinates the scheduling, arrangement, and maintenance of the Aviation Center Conference Room. Performs supply activities for the Command Group.

## ORGANIZATION:

The Secretary General Staff (SGS) is organized into five divisions.

Secretary General Staff  
Protocol Division  
Command Pilot  
Administrative Division  
Headquarters Commandant

### KEY PERSONNEL

MAJ(P) Dale B. McGarry  
MAJ(P) John M. Stacy  
CPT Bruce R. Hill  
CPT Richard A. Elliott  
CPT John R. Fabry  
CW3 Jerry S. Register  
CW4 Michael R. Nowicki  
SSG Johnny P. Jones  
SSF Wayne D. Closson  
SFC Richard Myers

### POSITION

Secretary General Staff  
Secretary General Staff  
Assistant SGS  
Chief of Protocol  
Chief of Protocol  
Command Pilot  
Command Pilot  
SGS Administration  
Headquarters Commandant  
Headquarters Commandant

### ARRIVAL/DEPARTURE DATE

10 Mar 80 - 25 Apr 82  
25 Apr 82 - Present  
1 Oct 82 - Present  
28 Feb 81 - 16 Dec 82  
1 Dec 82 - Present  
8 Jan 81 - 31 May 82  
9 Jul 82 - Present  
1 Nov 80 - Present  
1 May 80 - 23 Jul 82  
19 Jul 82 - Present

## ACCOMPLISHMENTS:

The following visitors were extended support and assistance during calendar year 1982:

### January

- 3 - MG Brown - Commander, United States Army Readiness and Mobilization Region IV, Fort Gillem, Georgia.
- 12-13 - COL Adams - Deputy Chief of Engineers, United States Army Training and Doctrine Command, Fort Monroe, Virginia.
- 14-15 - MG Doctor - Chief of Staff, United States Army Development and Readiness Command, Alexandria, Virginia.
- 14-15 - MG Roddy - Director, Program Analysis and Evaluation, Washington, DC.
- 31 - Dr. Moynehan - Director, Stores and Clothing Research Development Establishment, United Kingdom.

### February

- 2-3 - LTC Vereecchia - Italian Liaison Officer, Fort Knox, Kentucky.
- 9 - LTG Mackmull - Commanding General, XVIII Airborne Corps, Fort Bragg, NC.
- 10-11 - COL Clark - Commander, Corpus Christi Army Depot, Corpus Christi, TX.
- 11-12 - MG Morgan - Adjutant General, Oklahoma Military Department.
- 11-12 - MG Brown - Commanding General, Readiness and Mobilization Region IV, Fort Gillem, GA.
- 16-17 - Ambassador Bean - State Deputy Advisor to Commandant Air University, Maxwell Air Force Base, AL.
- 17-18 - Mr. Hillier - Principal Deputy, Office of the Assistant Secretary of the Army for Installation, Logistics, and Financial Management, Washington, DC.
- 18-19 - BG Skeen - Commander, Defense Property Disposal Service, Battle Creek, MI.
- 19-20 - Dr. Lord - Deputy Assistant Secretary of Defense, Washington, DC.
- 20-24 - Sergeant Major of the Army Connally - HQ, Department of the Army, Washington, DC.
- 24-26 - BG Ledford - Director, Professional Services Medical Corps Affairs.
- 26 - MG Pendleton - Director of Operations, United States Readiness Command, MacDill Air Force Base, FL.
- 26 - Governor James - Governor of Alabama, Montgomery, AL.
- 26 - BG Biehusen - Commander, Dwight D. Eisenhower Army Medical Center, Fort Gordon, GA.

### March

- 9 - GEN Otis - Commanding General, United States Army Training and Doctrine Command, Fort Monroe, VA.
- 10-11 - BG Lefler - Deputy Commanding General, United States Army Health Services Command, Fort Sam Houston, TX.
- 11-12 - BG Porter - Deputy Commanding General, XVIII Airborne Corps, Fort Bragg, NC.
- 12-14 - LTG Berry - Superintendent, United States Military Academy.
- 17-19 - Mr. Bowden - Deputy for Equal Opportunity, Office of Assistant Secretary of the Army, Washington, DC.
- 21-27 - MG Curry - Commanding General, United States Military District of Washington, Washington, DC.
- 25-26 - Dr. McGlade - Director, United States Army Safety Office, Office of the Deputy Chief of Staff for Personnel, Washington, DC.
- 25-26 - MG Clausen - Judge Advocate General, United States Army, Washington, DC.
- 30 Mar - 1 Apr - MG Koehler - Commanding General, United States Army Test and Evaluation Command, Aberdeen Proving Ground, MD.
- 30-31 - BG Ono - Deputy Commanding General, West, United States Army Recruiting Command, Fort Sheridan, IL.
- 31 Mar - 1 Apr - BG Hilmes, Deputy Director, Facility Engineers and Housing, Office of Chief of Engineers, Washington, DC.

### April

- 9 - COL Gambrell - Deputy Chief of Staff for Operations and Intelligence, 121st United States Army Reserve Command, Birmingham, AL.
- 10-11 - Dr. (COL, Ret), Edward L. R. Elson - Retired Chaplain of United States Senate.
- 13-14 - COL Kistler/Mr. Sullivan - Office of Deputy Chief of Staff for Personnel, HQ, Department of the Army, Washington, DC.

- 19 - LTC McIntosh - Canadian Defense Liaison Staff.
- 21-23 - MG Rogers - Deputy Chief of Staff for Personnel, United States Army Europe/Seventh Army.
- 22 - MG Tankersley - Assistant Deputy Chief of Staff for Mobilization, Office of Deputy Chief of Staff for Operations, HQ, Department of the Army, Washington, DC.
- 22-23 - BG Jordan - Chief, Medical Service Corps, Office of the Surgeon General, Washington, DC.
- 22-24 - BG Edmonds - Assistant Deputy Chief of Staff for Training, United States Army Training and Doctrine Command, Fort Monroe, VA.
- 25-27 - COL Pohly - Special Assistant to Chief of Staff for Mobilization, HQ, United States Army Training and Doctrine Command, Fort Monroe, VA.
- 29-30 - Mr. Ambrose - Under Secretary of the Army, Washington, DC.

#### May

- 9-11 - MAJ Hayon - Assistant Armed Forces Attache, Israeli Air Force, Washington, DC.
- 19 - BG Gourly - Director of Enlisted Personnel Management, United States Army Military Personnel Center, Alexandria, VA.
- 18-19 - LTG Mittemeyer - Surgeon General, Washington, DC.
- 20-21 - BG Graham - Chief of Staff, XVIII Airborne Corps, Fort Bragg, NC.
- 21-22 - MG Mall - Commander, Aerospace Rescue and Recovery, Scott Air Force Base, IL.
- 28 - LTC Caleca - Project Officer, CH-47C Modification, Italian Army.

#### June

- 1 - MG Kiefner, Adjutant General, State of Missouri.
- 2-3 - LTG Thompson, Deputy Chief of Staff for Logistics, Washington, DC.
- 2-3 - Mr. Cribbins - Director, Aviation Logistics, Washington, DC.
- 8-9 - VADM Bethge - Chief of Staff, German Navy, Federal Republic of Germany.
- 9 - BG Lever - Commanding General, 3d Support Command, United States Army Europe.
- 15-17 - MG (Ret) Harrison, Commander, United States Army Administration Center, Fort Benjamin Harrison, IN.
- 16-18 - COL Bjurstedt - Chief, Organization Branch Headquarters, Defense Command Air Staff, Norway.
- 21-23 - COL Wergeland - Base Commander, Vaernes Air Station, Royal Norwegian Air Force Flight Training School.
- 23 - MAJ Spring - National Aeronautics Space Administration Astronaut, Houston, TX.
- 23-24 - Dr. P. F. Iampietro - Director of Life Sciences, Air Force Office of Scientific Research, Bolling Air Force Base, Washington, DC.
- 24-25 - BG Parker - Deputy Director, Requirements/Army Aviation Officer, Office of Deputy Chief of Staff for Operations, Washington, DC.
- 30 Jun - 1 Jul - LTG Mackmull - Commanding General, XVIII Airborne Corps, Fort Bragg, NC.
- 30 Jun - 1 Jul - MG Koehler - Commanding General, United States Army Test and Evaluation Command, Aberdeen Proving Ground, MD.

#### July

- 1 - COL Allen - Forces Command Aviation Officer, Office of Deputy Chief of Staff for Operations, Fort McPherson, GA.
- 1-3 - MG Rapmond - Commanding General, United States Army Medical Research and Development Command, Fort Detrick, MD, and Assistant Surgeon General for Research and Development, United States Army.
- 5-8 - MG Ginn III - Commander, 80th Training Division, United States Army Reserves.
- 6-8 - MG Boam - Head of British Defense Staff, Defense and Military Attache and Commander British Army Staff.
- 6-7 - BG Joyce - Commanding General, United States Army Adjutant General Center.
- 7-8 - Mr. Arnold - Legislative Assistant for Commerce and Transportation, Office of Senator, Mark Hatfield.
- 12-13 - COL Wenzel - Chief Warrant Officer Branch, United States Army Military Center, Alexandria, VA.
- 13 - Mr. Troutman - Vice President of Washington Operations, Bell Helicopter-Textron, Washington, DC.
- 14 - MG Browne - Project Manager, Advanced Attack Helicopter Program, St Louis, MO.
- 14-16 - Chaplain (COL) Ettershank, Staff Chaplain, United States Army Training and Doctrine Command, Fort Monroe, VA.
- 14-16 - COL Jentsch - Social Work Consultant to Surgeon General, Washington, DC.
- 14 - Mrs. Hollis - Deputy Under Secretary of the Army for Operations and Research, Washington, DC.

- 20-21 - MG Gwatney - Adjutant General, Arkansas National Guard.
- 29-30 - COL Wolfe - Commander, 101st Aviation Group, Fort Campbell, KY.
- 29-30 - LTG De Wilder - Chief of Staff, Belgian Army.
- 29-30 - MG Blount - Chief of Staff, United States Army Training and Doctrine Command, Fort Monroe, VA.

#### August

- 3-4 - BG Temple - Deputy Director of Army National Guard, Washington, DC.
- 3-4 - LTG Merritt - Deputy Commanding General, United States Army Training and Doctrine Command, Fort Monroe, VA.
- 3-5 - LTG Wenner - Chief, General Army Office.
- 4 - MG Mall - Commander, Aerospace Rescue and Recovery, Scott Air Force Base, IL.
- 5-6 - Ms. Shaffer - President, Paradigm, Incorporated.
- 8-10 - MG Curry - Commanding General, United States Military District of Washington, Washington, DC.
- 9-10 - LTG Ulmer - Commanding General, III Corps, Fort Hood, TX.
- 12-13 - MG Sullivan - Chief, Public Affairs, Office of Secretary of the Army, Washington, DC.
- 12-13 - BG Dozier - Deputy Commanding General, United States Armor Center, Fort Knox, KY.
- 12-13 - BG Edmonds - Assistant Deputy Chief of Staff for Training, United States Army Training and Doctrine Command, Fort Monroe, VA.
- 16-19 - LTG Huyser - Commander, 1st Netherlands Corps.
- 17-18 - MG Wetzel - Graduation Speaker, Commanding General, United States Army Infantry Center/Commandant, Fort Benning, GA.
- 22-23 - BG Harris - Assistant Division Commander, 9th Infantry Division, Fort Lewis, WA.
- 26-28 - COL Ivey - Commander, 6th Cavalry Brigade, Fort Hood, TX.
- 31 Aug - 1 Sep - MG Smith, Director, Plans Office, Deputy Chief of Staff, Plans and Operations, HQ, US Air Force, Washington, DC.
- 31 Aug - 1 Sep - MG Wellman - Adjutant General, Kentucky National Guard.

#### September

- 3-4 - LTG Merritt - Deputy Commanding General, United States Army Training and Doctrine Command/Commanding General, United States Army Combined Arms Center, Fort Leavenworth, KS.
- 7-10 - MG (Ret) Harrision - Commander, United States Army Administration Center.
- 15 - LTG Vickers - Director, General Army Training, United Kingdom.
- 15 - LTG Rosenblum - Commanding General, 1st United States Army, Fort Meade, MD.
- 15-16 - MG Brown - Commander, Army Readiness Mobilization Region IV, Fort Gilleem, GA.
- 16-17 - MG Morgan - Adjutant General, Oklahoma National Guard.
- 16-17 - MG Robinson - Division Engineer, South Western Division, Dallas, TX.
- 16-17 - MG Murray - Adjutant General, North Dakota National Guard.
- 22-23 - BG Ivey - Deputy Chief of Staff, Doctrine Headquarters, United States Army Training and Doctrine Command, Fort Monroe, VA.
- 27-28 - Mr. Halisky - Director of Programs, Missiles System Division, Rockwell International.
- 27-28 - Mr. Stanko - Chief, United States Army Aviation Division, National Guard Division, Washington, DC.
- 30 - MG Blount - Chief of Staff, United States Army Training and Doctrine Command, Fort Monroe, VA.
- 30-1 - MG Fant - Commanding General, United States Army Readiness and Mobilization Region I, Fort Devens, MA.

#### October

- 4-5 - Mr. Segner - Associate Administrator for Policy and International Federal Aviation Administration, Washington, DC.
- 4 - BG Kelly - Assistant Deputy Commander, 5th Infantry Division (Mechanized), Fort Polk, LA.
- 14-15 - MG Becker - Deputy Surgeon General, Washington, DC.
- 16 - MG Brown - Commander, Army Readiness Mobilization Region IV, Fort Devens, MA.
- 15-17 - MG Cobb - Adjutant General Alabama National Guard.
- 15-17 - BG Smith - Deputy Adjutant General of Alabama National Guard.
- 26-27 - MG Mitchell - Director of Requirements, Office Deputy Chief of Staff for Operations, Washington, DC.
- 26-27 - MG Withall, CB - Director, British Army Air Corps.
- 29 - MG Wagner - Commanding General, United States Armor Center, Fort Knox, KY.

## November

- 3 - MG Simchoni - Director of Israel Defense Forces, Doctrine and Training Division.
- 14-15 - BG Kirk - Director of Training, Headquarters, Department of the Army, Washington, DC.
- 14-15 - MG Adams - Secretary, American Battle Monuments Commission, Washington, DC.
- 14-15 - MG Aguanno - Director Logistics, J-4, United States Army Readiness Command, MacDill Air Force Base, FL.
- 14-15 - LTG Becton - Deputy Commanding General of Training, United States Army Training and Doctrine Command, Fort Monroe, VA.
- 14-15 - BG Morrelli - Deputy Chief of Staff for Doctrine, United States Army Training and Doctrine Command, Fort Monroe, VA.
- 14-15 - BG Parker - Deputy Director for Requirements/Army Aviation Officer, Headquarters, Department of the Army, Washington, DC.
- 15 - MG Hodges - Vice Commander, Air Force Air University/Commandant, Maxwell Air Force Base, AL.
- 16-17 - BG Pichler - German Military Representative.
- 16-18 - LTG Merritt - Deputy Commanding General, United States Army Training and Doctrine Command/Commanding General, United States Army Combined Arms Center, Fort Leavenworth, KS.
- 17-19 - MG Small - Commanding General, United States Army Transportation School, Fort Eustis, VA.
- 17-19 - Mr. Cribbins - Director, Aviation Logistics, Headquarters, Department of the Army, Washington, DC.
- 18 - GEN Wickham - Commander, Air Training Command, Randolph Air Force Base, TX.
- 24 - BG Teal - Deputy Chief of Staff Intelligence, United States Army Forces Command, Fort McPherson, GA.
- 29 - Capt Krietemeyer - Commanding Officer, United States Coast Guard Aviation Training Center, Mobile, AL.
- 30 Nov - 1 Dec - BG Laubach - Commander, 45th Troop Command, Oklahoma National Guard.
- 30 Nov - 1 Dec - MG Saufley - Commander, 100th Armor (Tng) Division, Louisville, KY.

## December

- 1-2 - MG Hodges - Vice Commander, Air Force Air University/Commandant, Maxwell Air Force Base, AL.
- 2-3 - LTC Choi - Korean Liaison Officer, Fort Benning, GA.
- 7-8 - LTC Arick - United States Marine Corps, Office of the Secretary of Defense, Aviation Program Analysis and Evaluation, Washington, DC.
- 8 - MG Wall - Division Engineer, United States Army Engineer Division, South Atlantic, Atlanta, GA.
- 9-10 - MG Mall - Commander, Aerospace Rescue and Recovery, Scott Air Force Base, IL.
- 13 - LTC Barto - Cobra Project Officer, Royal Jordan Air Force.
- 14-15 - MG Hugo - Division Management, Office of the Chief of Staff of the Army, Washington, DC.

# DIRECTORATE OF PERSONNEL AND COMMUNITY ACTIVITIES/SECRETARY



## MISSION:

Responsible for all aspects of military personnel administration and management, morale and welfare activities, Army community services, military educational development, alcohol and drug abuse prevention and control, equal opportunity, organizational effectiveness, recreational services, Installation Club System, US Army Aviation Museum, and Adjutant General Division. Exercises administrative control of nonappropriated fund instrumentalities and private organizations.

## ORGANIZATION:

The Directorate of Personnel and Community Activities/Secretary consists of the following:

- Administration and Management Branch (Admin & Mgt Br)
- Office of the Aviation School Secretary
- Personnel Services Division
  - Educational Branch
  - Army Community Services (ACS)
  - Fort Rucker Dependents Schools
  - Fort Rucker Exchange
- Organizational Effectiveness Division (OE)
- Adjutant General Division (AG)
- Morale Support Activities Division (MSA)
  - Morale Support Fund (MSF)
- Alcohol/Drug Abuse Division (ADAO)
- US Army Aviation Museum
- Equal Opportunity Division (EO)
- Installation Club System (ICS)

## KEY PERSONNEL

## POSITION

## ARRIVAL/DEPARTURE DATES

COL Richard C. Antross	Director, DPCA	Entire Year
LTC Joseph R. Gaston	Deputy Director, DPCA	Entire Year
MAJ Ivan C. Camp III	Assistant School Secretary	Dep - May 82
MAJ(P) Robert H. Howard	Assistant School Secretary	Jul 82 - Present
CPT Olin E. Saunders	Special Asst to DPCA	Entire Year
Ms. Modell M. McBride	Chief, Admin & Mgt Br	Dep - May 82
Mr. Hugh M. Weeks	Chief, Admin & Mgt Br	Nov 82 - Present

## ACCOMPLISHMENTS:

Formal Graduation: During 1982, the Office of the Aviation School Secretary conducted 28 formal graduation exercises during which the following classes/students graduated:

Initial Entry Rotary Wing Training (24 graduation exercises).

Officer Rotary Wing Aviator Course (ORWAC): 24 classes graduated a total of 756 Army aviators, 102 Air Force pilots; and 3 Allied pilots.

Warrant Officer Rotary Wing Aviator Course (WORWAC): 24 classes graduated a total of 891 Army aviators.

EURO-NATO Aviator Training Course: 12 classes graduated with a total of 64 Allied students.

The Warrant Officer Career College graduated two classes each of the Aviation Warrant Officer Advanced Course (AWOAC) and the Warrant Officer Senior Course (WOSC). The total number of graduates from these two courses was AWOAC 165 graduates; WOSC 158 graduates.

Cadet Flight Training and Orientation Program: 3 classes with a total of 149 graduates.

Graduation Guest Speaker Program. The guest speaker for the formal graduation exercises included 27 Army and Air Force General Officers from both the Active Army and the Reserve Components. The names and positions of the 1982 guest speakers are listed below:

LTG Jack N. Merritt	DCG, US Army Training and Doctrine Command
LTG Donald E. Rosenblum	CG, First US Army, Ft Meade
LTG Richard H. Thompson	Deputy Chief of Staff for Logistics, US Army
MG Quinn H. Becker	Deputy Surgeon General, US Army
MG Arthur E. Brown, Jr.	CG, USA Readiness & Mobilization Region IV
MG Hugh J. Clausen	The Judge Advocate General, US Army
MG James N. Ellis	CG, US Engineer Center & Ft Belvoir
MG Joseph L. Fant III	CG, USA Readiness & Mobilization Region I
MG John D. Granger	CG, US Army Training Center & Ft McClellan
MG Harold L. Gwatney	Adjutant General, State of Arkansas
MG Paul N. Hodges	Comdt Air War College, Maxwell AFB
MG Victor J. Hugo, Jr.	Dir of Mgmt, Office of the Chief of Staff of the Army
MG Elmer D. Pendleton, Jr.	Director, Operations, J-3, US Readiness Command
MG Hugh G. Robinson	Division Engineer, Southwestern Division
MG Patrick M. Roddy	Director of Program Analysis & Evaluation, Office of the Chief of Staff
MG Charles C. Rogers	Deputy Chief of Staff for Personnel, US Army, Europe
MG Perry M. Smith	Director of Plans, Deputy Chief of Staff for Plans and Operations, USAF
MG Will H. Tankersley	Mobilization Designee for A/DCSOPS, US Army
MG Louis C. Wagner, Jr.	CG, US Army Armor Center
MG Robert L. Wetzel	CG, US Army Infantry Center
BG Terry M. Bunyard	Program Manager, PATRIOT, US Army Materiel Development and Readiness Command
BG Todd P. Graham	Chief of Staff XVIII Airborne Corps, Ft Bragg
BG Robert M. Joyce	The Adjutant General, US Army
BG Kenneth C. Leuer	DCG, USA Infantry Center, Ft Benning
BG William J. Mall, Jr.	Commander, Aerospace Rescue Recovery Service, Military Airlift Command, Scott AFB
BG Bobby B. Porter	DCG, XVIII Airborne Corps & Ft Bragg
BG James A. Teal, Jr.	Deputy Chief of Staff for Intelligence, US Army Forces Command
COL Teddy G. Allen	US Army Forces Command Aviation Officer
COL Charles E. Ivey	Commander, 6th Cavalry Brigade (Air Combat), Ft Hood
COL Rodney D. Wolfe	Commander, 101st Aviation Group, Ft Campbell
MAJ Sherwood C. Spring	Astronaut, National Aeronautics and Space Administration, Houston, TX

The Human Relations and Assistance Program for Students (HRAPS). Under this program begun in 1979, we have actively continued efforts to increase minority and female participation in our flight training program.

The ROTC Aviation Briefing Program continued during 1982, in conjunction with the DCSROTC TRADOC, to brief ROTC units throughout CONUS on Army Aviation Career Management and Flight School. The program informs the ROTC cadets about the Army aviation and its new career field. In 1982, the program specifically targeted the 21 historically black colleges which host Army ROTC, and was expanded into high schools and educator tours sponsored by the various District Recruiting Commands.

Sponsorship Program: The Sponsorship Program was implemented in January 1982 under the auspices of the Fort Rucker Chapter of Tuskegee Airmen, Inc. The purpose of this program is to assist in increasing the success rate among minorities by providing a base for positive communication

between permanent party minorities and those entering flight training. Since implementation, only one Equal Opportunity complaint has been filed. No commissioned officer that initially started with the program has been eliminated for academic or flight deficiency. Those warrant officers that have been eliminated have left feeling that they had been given a fair chance.

## **PERSONNEL SERVICES DIVISION**

### Mission:

Plans, administers, and supervises activities affecting quality of life of the Fort Rucker community. Effects external coordination with the Installation Staff, Special Staff, USAAVNC Directors, 1st Aviation Brigade and subordinate units, US Army Aviation Board, and tenant units; contacts TRADOC staff agencies, other installations, federal, state, and local agencies and officials in the performance of Personnel Services related functions. Advises DPCA on matters pertaining to Personnel Services Division. Formulates local policies on wear of Army Uniforms and Accounterments; policies concerning Salute, Honors, and Visits of Courtesy; formulates local policies and monitors regulations concerning Private Organizations on Department of the Army Installations; the Nonappropriated Fund System; Control and Prevention of Abuse of Check Cashing Privileges; Vending Facilities for the Blind on Federal Property; and Education of Dependents. Provides staff supervision and performs administrative functions associated with command-level investigations; aircraft accident collateral investigations; Flying Evaluation Boards; and fund raising within the Department of the Army (including Combined Federal Campaign). Completes administrative actions pertaining to adverse suitability, including shoplifting and orders not to reenter Fort Rucker. Chief, Personnel Services Division, functions as the Dependents Schools Officer. As such, he serves as an ex-official member of the Fort Rucker Dependents School Board, and exercises staff supervision over the Dependents Schools Superintendent. Administers installation program to control and prevent abuse of check cashing privileges, to include suspending or revoking check cashing privileges; maintaining files on dishonored checks returned to the installation check cashing facilities; coordinating with Automation Management Office (AMO) in maintaining computerized records and statistics; forwarding files to gaining installations' check control offices; provides feedback to commanders. Monitors the operation of private organizations and nonappropriated fund instrumentalities on the installation. Develops mobilization and contingency plans as they pertain to the DPCA operations. Participates in simulated emergency deployment readiness exercises. Serves as DPCA point-of-contact during simulated or actual emergency operations. Monitors and provides supervision for assigned branches; provides liaison with the Post Exchange.

### ORGANIZATION:

Personnel Services Division, operating within the Directorate of Personnel and Community Activities/Secretary, US Army Aviation Center and Fort Rucker, provides staff supervision over the Education Branch and Army Community Service Branch. The division headquarters monitors the operation of private organizations and nonappropriated fund instrumentalities authorized on the installation. The division headquarters also administers the Fort Rucker Check Control Office, provides supervision of the Fort Rucker Dependents Schools Superintendent; maintains liaison with the General Manager, Army Air Force Exchange System, Fort Rucker; and coordinates and develops contingency/mobilization plans as they pertain to the DPCA operations.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC Ollie C. Craddock	Chief	Entire Year
CPT Kerry W. Bast	Asst Chief/Plans Officer	Entire Year
1LT Juana P. Bautista	Personnel Services Officer	1 Jan - 25 Sep 82
2LT Robert J. Goodyear	Personnel Services Officer	14 Sep 82 - Present
SSG William R. Mills	NCOIC	Entire Year
SSG Vernon J. Robinson	Private Organization Monitor	Entire Year
Mrs. May L. Lesser	Personnel Services Asst	Entire Year
Mrs. Louise Milbry	Personnel Services Clk	Entire Year

### ACCOMPLISHMENTS:

Effective 5 June 1982, increased weather service was provided for on-post viewers on channel 16, Monday through Friday from 0200 to 1900 hours, providing the following weather information:

Current observations within local flying areas.

Forecast data.

Satellite weather photography.

Weather radar coverage on the local flying area, as required.

Forecaster comments on significant weather phenomena or unusual conditions (voice).

Participated in the Enterprise Centennial Celebrations 2-4 July 1982. Fort Rucker provided a band and marching unit and appropriate installation representatives at the festivities, which included the parade, Veterans' Memorial Service, and aircraft static displays.

The two following fund drives resulted in receipts as indicated:

49'er Party: \$55,266.91 (net) Proceeds were distributed to Army Community Service, Boy Scouts of America, Girl Scouts of America, Morale Support Fund, and Officers' Wives' Club/Noncommissioned Officers' Wives' Club Scholarship Funds.

Wiregrass Area Combined Federal Campaign, FY 83: Approximately \$210,250.75 (gross). A proportionate amount of these receipts were earmarked for return to the Fort Rucker United Fund to be distributed to Army Community Service, Boy Scouts of America, Girl Scouts of America, and the Fort Rucker Morale Support Fund.

### **EDUCATION BRANCH**

#### MISSION:

Provides educational opportunities as an integral part of the life of the military personnel through a system of coordinated career and self-development education; thereby enabling service-members to develop professionally and personally to their maximum potential and to assist each military person in the development and implementation of a career educational plan that is relevant to the person's military career.

#### ORGANIZATION:

The Education Branch, referred to as the Education Center, is the operational unit for the Army Continuing Education System (ACES) and is staffed and supervised by the Chief, Personnel Services Division, Directorate of Personnel and Community Activities/Secretary. The Army Education Center is composed of the following organizational elements:

Army Education Center Headquarters and Administrative Section  
Army Apprenticeship Program  
Basic Skills Education Program (BSEP) I and II  
ACES Learning Laboratory  
DANTES Testing Section  
Language Laboratory  
Non-Personal Services Contracts  
Institutional Contracts  
Computer Based Education System (CBES)

#### KEY PERSONNEL

#### POSITION

#### ARRIVAL/DEPARTURE DATES

Mr. John W. Bush	Education Services Off	Entire Year
Mr. James K. Newton	Education Ser Spec	Entire Year
Mr. George C. Arnold	Education Ser Spec	Entire Year
Mr. Walter T. Overstreet	Guidance Counselor	Entire Year
Mr. Frank P. Barbour	Guidance Counselor	Entire Year
Mr. Jeff Pouncy	Guidance Counselor	15 Mar 82 - Present
Mr. William K. Marchman	Guidance Counselor	Dep - 30 Sep 82
Ms. Theresa Locke	DA Intern	12 Apr 82 - Present
Ms. Doris C. Hawkins	Guidance Counselor	15 Nov 82 - Present

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Ms. Carolyn Barbour	Clerk-Typist	Dep - 7 May 82
Ms. Bernice Harville	Clerk-Typist	24 May 82 - Present
Ms. Betty C. Keel	Budget Assistant	Entire Year

ACCOMPLISHMENTS:

During 1982, ACES provided academic and vocational/technical services to 6,424 servicemembers assigned throughout the Wiregrass area, northeast Alabama, northwest Florida, and the lower half of Mississippi. A further breakdown of accomplishments are depicted as follows:

There were 390 servicemembers enrolled in the Army Apprenticeship Program.

Twenty-nine servicemembers received their High School GED Equivalency Certificates.

Sixteen servicemembers received Vocational Certificates.

Fifty-one servicemembers received Associate Degrees.

Fifty-five servicemembers received Baccalaureate Degrees.

Forty servicemembers received Master Degrees.

Fifteen servicemembers successfully completed the First Sergeants/Unit Administration Course.

Twelve servicemembers successfully completed Basic Skills Education Program I (BSEP).

One hundred and thirty servicemembers successfully completed Basic Skills Education Program II (BSEP).

There were 4,538 standardized tests administered by the testing section.

On 9 February 1982, the ACES instituted its Computer Based Education System (CBES). The CBES is designed to support academic training of active duty personnel in the BSEP (levels 1-9), as well as high school completion.

On 16 April 1982, the ACES was provided information by Headquarters TRADOC, ACES Division, that it had been assigned a ranking of 1 for fiscal management of its program 87 funds for FY 81. Fort Rucker ACES spent 99.8 percent of its allocation.

On 14 June 1982, the Fort Rucker Branch of Troy State University instituted a full-fledged Masters Degree Program in International Studies.

On 3 September 1982, the Fort Rucker Branch of Embry-Riddle Aeronautical University instituted a full-fledged Baccalaureate Degree Program in Aviation Administration.

On 25 September 1982, Enterprise State Junior College was awarded the BSEP contract for FY 83.

SHORTCOMINGS:

The protest that was lodged on 2 September 1981 by Johnson and Wales College against Non-Public Education Services, Inc., and the University of Florida severely hampered participation in the BSEP for the first three quarters of FY 82. The protest was not officially resolved by the Small Business Administration until 10 June 1982.

**FORT RUCKER DEPENDENTS SCHOOL**

MISSION:

Provides free public education to the dependent children of military personnel on Fort Rucker.

ORGANIZATION:

The Fort Rucker Dependents Schools district consists of a central office, an intermediate school, and a primary school.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. John S. Breads	Superintendent	Entire Year
Ms. Alice G. Suiter	Principal	Entire Year
Mr. Clarence R. Jones	Principal	Entire Year

ACCOMPLISHMENTS:

Successfully transitioned from Department of Education to Department of Defense funding and completed the Dependents Schools first ever Program Objective Memorandum.

The program in Exceptional Education was expanded with the establishment of new positions as supervisor of exceptional education, educable mentally retarded teacher, and learning disabilities teacher.

A new position as instrumental music teacher was established and a band program for fifth and sixth grade students began.

Completed a thorough revision of the Guidelines, a school board policy manual.

Completed the Right to Education Plan, a policy manual to implement PL 94-142, Education of the Handicapped Act.

Both schools continued to meet the accreditation standards of both the Alabama State Department of Education and of the Southern Association of Colleges and Schools.

Five micro computers were purchased for use in the Talented and Gifted Program.

**ARMY COMMUNITY SERVICE**

MISSION:

The Fort Rucker Army Community Service Center provides the installation commander with staff assistance in solving problems in the military community and in improving the Quality of Life (QOL) and the well-being of the members of the command. Support assistance is provided to all members of the military community in solving complex personal, family, and community social problems. Army Community Service serves as the focal point for the coordination, maintenance, and development of the installation's social service delivery system. A community-based program provides for the management and coordination of the programs and services which impact on the growth and development of children of families assigned to the installation. Specialized services and assistance are provided married junior enlisted servicemembers and their families to ease their adjustment to Army life and to assist them in maintaining their financial stability.

ORGANIZATION:

Army Community Service is functionally an element of Personnel Services Division, Directorate of Personnel and Community Activities/Secretary. The paid staff of 57 and Volunteer Corps of approximately 125 administers a social service delivery program, including the Army Family Advocacy Program; Exceptional Family Member Program; Foster Care Program; and emergency shelter for abused children/spouses; Consumer Affairs Program, to include Army Emergency Relief (AER), Budget/Financial Planning, Budget/Financial Management Education, Debt Reduction Program, and consumer advocacy; Information, Referral and Follow-up Program; Child Support Services Program, including the Child Care Center, Preschool, and Family Day Care Homes; Relocation Program, and numerous services and support elements in other agencies and activities on the installation.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Marion D. Bennett	Chief, ACS	Dep - 14 May 82
MAJ Ivan C. Camp III	Chief, ACS	15 May 82 - Present
Mr. William R. Lane	ACS Officer	Entire Year

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Wayne A. Anderson	Social Worker	Dep - 24 Oct 82
2LT Suzzette Moulton	AER/Admin Officer	Dep - 30 Sep 82
1LT Rafael E. Linero	AER/Admin Officer	1 Oct 82 - Present
SSG Donald V. Blain	NCOIC, ACS	Entire Year
Ms. June Mize	Budget/Financial Planner	Entire Year
Ms. Evelyn Evans	Child Sup Svcs Coord	Entire Year
Ms. June GaVette	Dir, Child Care Cen	Entire Year
Ms. Wanda Anderson	Principal, Preschool	Entire Year

ACCOMPLISHMENTS:

This was a year of expansion and new beginning for Army Community Service. The Army Family Advocacy Program was implemented under the revision of Army Regulation 608-1, Army Community Service Program. The Consumer Affairs Program and the Child Support Services Program are greatly expanded in the revised regulation.

A contract was let for the renovation of the kitchen and installation of new equipment in the Child Care Center. Work was started in July and completion is expected in early CY 83. New stainless steel cribs were purchased and are in use in the Child Care Center. A major purchase of equipment provided for improvement of learning and developmental centers in the Child Care Center and the Preschool. Attendance in both the Child Care Center and the Preschool consistently reached maximum capacity throughout the year. The Child Support Services (CSS) Coordinator attended the CSS annual conference/workshop in August. The Directors of the Child Care Center and the Preschool attended the annual conference of the National Association for the Education of Young Children (NAEYC) in November.

In June 1982, the Army Community Service Officer and the Army Community Service Social Worker attended the first workshop on the Army Family Advocacy Program. Additional workshops were attended on the Army Family Advocacy Program and the overall Army Community Service Program by the Army Community Service Officer in August 1982. The first funding for the Army Family Advocacy Program was received in 1982. Fort Rucker received \$4,500 which was used for purchases of professional training materials and for attendance at workshops.

The annual Army Emergency Relief Fund Campaign was the most successful one on record. The goal was \$25,000. Total contributions totalled \$63,000.

The Consumer Affairs Section expanded services to include classes in Budget/Financial Planning and Management, and general education for students and permanent party personnel. The Budget/Financial Planner (Consumer Affairs Coordinator) attended the annual Army Community Service conference/workshop in August.

The Social Service Section assumed responsibility for developing and implementing the Army Family Advocacy Program dealing with child and spouse abuse. Classes in Systematic Training for Effective Parenting (STEP) were conducted in cooperation with the Family Life Center and the Chaplain.

**FORT RUCKER EXCHANGE**

MISSION:

Provides merchandise and services of necessity and convenience to authorized patrons at uniformly low prices. Generates reasonable earnings to supplement appropriated funds for the support of Army and Air Force welfare and recreational programs.

ORGANIZATION:

Exchange Office	Hospital Annex
Main Store	Auto Parts/Tire Store
Shoe Store	Filling Station
Troop Store	Vehicle Inspection Point
PX-TRA/Four Seasons/Toyland	Military Clothing Sales Store
Washateria	Food Activities
Theater	Personal Services/Concessions

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
E. H. Zierlein	Exchange Manager	Dep - 9 Jul 82
Lonnie V. Pecor	Exchange Manager	2 Aug 82 - Present
James C. Howard	Retail Manager	18 Jul 82 - Present
Robert Stack	Asst Manager (MS)	Dep - 24 Dec 82
Alejandro Roman	Retail Manager (BS)	Entire Year
Vannin Nelson	Food Activity Mgr	Entire Year
Cornelius Tart	Auto Act Mgt	Entire Year
Sara Campbell	MCSS Manager	Entire Year
M. E. Sanford	Personnel Asst	Dep - 1 Oct 82
Betty Bonner	Personnel Asst	9 Oct 82 - Present
Kenneth R. Rakestraw	Exchange Service Mgr	13 Mar 82 - Present

#### ACCOMPLISHMENTS:

Renovation and upgrading was accomplished for the following facilities during 1982.

New modern fixtures were installed in the Main Store to provide customers with better and more appealing shopping atmosphere. An expanded stock assortment has been added to the Four Seasons Store. A fence has been erected to enclose the fertilizer area, giving our customers a more convenient loading zone for fertilizer, garden equipment, and patio furnishings. New fixtures were ordered and installed 20 December 1982 for the Branch Exchange located in the Warrant Officer Candidate area, bldg 106. A new sound system was installed at the Post Theater in September 1982. Renovation of the Optical Shop was completed in August, offering a more modern and "eye appealing" concession.

The 25th Street Filling Station was opened on 5 May 1982; a continued effort is being made to upgrade this facility; completed is the installation of a refrigeration unit. New vent lines have been installed to insure the safest possible operation. Selected food items have been added and are available; i.e., milk, bread, soda, and beer. Pumping of gasoline at 5th and Red Cloud was discontinued and this facility was converted to tires, oil change, and accessories.

This year the appearance of the food facilities was upgraded. New drapes were installed and the interior of Lowe, Hanchey, and Cairns Snack Bars were painted. Some new equipment has been installed. Renovation of the Cue-N-Brew has been approved and was started in December 1982.

A general face lift was given to the administrative office located in bldg 9003. New drapes were installed, the interior painted, and new office furniture installed in August 1982.

Ground breaking for the new Main Store Shopping Complex was held in September 1982, beginning construction of a new four million dollar shopping mall that will provide one stop shopping for retail, food, personal services, and concessionaires. The administrative office will be located in the new mall as well.

### ***ORGANIZATIONAL EFFECTIVENESS (OE) DIVISION***

#### MISSION:

Provides Fort Rucker with the capability of utilizing a systematic military application of selected management and behavioral science skills and methods to improve how the total organization functions to accomplish assigned missions and increase combat readiness. The organizational effectiveness capability is applicable to organizational processes and, when applied by a commander within an organization, is tailored to the unique needs of the organization and normally implemented with the assistance of an Organizational Effectiveness Consultant (OEC). Presents instruction on the role of the OEC in the programs of instruction presented by the United States Army Aviation Center (USAAVNC). The OEC acts as a consultant in the design of the instructional system used to present OE instruction at USAAVNC.

#### ORGANIZATION:

OE Division consists of three officer and two noncommissioned officer authorized positions (Division Chief, and four OECs).

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Craig E. Geis	Division Chief	4 Nov 82 - present
MAJ Ronald K. Lovejoy	Division Chief	Dep - 6 Sep 82
MAJ Max Payne	OE Consultant	Dep - 30 Apr 82
CPT Glen Panning	OE Consultant	Entire Year
SFC Richard W. Ballard	OE Consultant	Entire Year
SFC Wayne Wilfong	LMDC Instructor	10 Nov 82 - Present

ACCOMPLISHMENTS:

Conducted OE operations at all levels of Fort Rucker organizations, with the emphasis being placed on battalion level and higher organizations.

Planned, organized, and facilitated the Commanding General's Center Goals and Objectives Setting Meeting.

Conducted Transition Workshops for various commanders and directors on Fort Rucker.

Conducted OE service school instruction in Warrant Officer Candidate Development, Warrant Officer Advanced Course, Warrant Officer Senior Course, Warrant Officer Orientation Course, and Advance-NCO Education System courses on a continuing basis.

Provided recommendations and guidance to the Officers' Wives' Club on the planning and conduct of the Fort Rucker Family Symposium.

Prepared and set up a 40-hour Leadership Management Development Course to be presented in January 1983.

**ADJUTANT GENERAL DIVISION**

MISSION:

Advises and assists the Command Group and the Director of Personnel and Community Activities on all personnel and administrative matters.

ORGANIZATION:

The Adjutant General (AG) Division is organized into the following branches:

Consolidated Military Personnel Activities (COMPACT)  
 Administrative Services Branch (ASB)  
 Officer Management Office (Off Mgt)  
 Student Personnel Operations (SPOS)  
 Retirement Services Branch (Ret Svcs)

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC L. R. Bixler	Adjutant General	Entire Year
MAJ George A. Jones	Chief, COMPACT	Dep - Jun 82
MAJ T. J. Tlanda	Chief, COMPACT	Jul 82 - Present
Mr. Norman E. Powell	Chief, ASB	Entire Year
MAJ Barry P. Gerischer	Chief, Off Mgt	Dep - Apr 82
CPT(P) Paul B. Hay	Chief, Off Mgt	Apr 82 - Present
MAJ Roland P. Brown	Chief, SPOS	Dep - Jul 82
MAJ John D. Cutting	Chief, SPOS	Aug 82 - Present
Mr. Robert L. Cooper	Chief, Ret Svc	Entire Year

ACCOMPLISHMENTS:

In August 1982, the Officer Management Office developed and implemented the first operative Installation Officer Distribution Plan at the Aviation Center. This resulted in more efficient management and more equitable distribution of commissioned and warrant officers assigned to the Aviation Center. Additionally, a ramp-up plan was developed in coordination with Warrant Officer Division, MILPERCEN, to bring the assigned strength of aviation warrant officers to the

established Officers Distribution Plan (ODP) level of 598 by 31 March 1983. As of December 1982, the warrant officer strength at the Aviation Center had increased to 93% of ODP authorizations and was forecast to exceed authorizations by March 1983.

During 1982, the Retirement Services Office held two semiannual pre-retirement orientations attended by a total of 166 persons; conducted the eighth Annual Retiree Open House in August with a total attendance of 405, and distributed two Retirement Services Bulletins to the 12,500 Army retirees supported by Fort Rucker.

AG Supply relocated to bldg 6603. This facility is larger and has improved heating and cooling accommodations. This improved facility makes it possible for personnel to provide better supply support to the AG Division. AG Publications relocated from the old hospital area to improved facilities in the 6000 block. This more central location will facilitate better and faster service to USAAVNC's units and activities. The Permanent Party Management Section relocated their Overseas Orientation Briefings from bldg 6602 to bldg 6603 to provide additional classroom space and offer a more comfortable atmosphere for soldiers on levy.

Administrative services were improved during 1982. Early on, a forms reduction goal of 10 percent was established. At the beginning of the year, 1,675 forms were in the system and at the end of the year, 234 forms were deleted for a 14 percent reduction in local forms. Also, a zero growth goal was established for copier volume in 1982. This program resulted in a four percent actual reduction compared to 1981, and an estimated cost avoidance of \$112,854.

During October 1982, AG participated in Proud Saber/MOBEX 83. The primary purpose of this exercise was to test the new Mobilization Cross Leveling System (MCL). Additionally, a CPX was conducted on the 3 weekends during MOBEX. These CPXs were organized into three phases (initial, interim, and final validation) and gave the RC unit commander an idea of what to expect in an actual mobilization. A Personnel Operations Center (POC) was established and functioned 24 hours a day, 7 days a week, through the exercise period; and a total of 33 Essential Elements of Evaluation (EEE) were assessed by members of the Data Collection and Analysis Group within AG. The exercise was extremely productive.

In 1982, the Permanent Party Records Section maintained an average of 4,800 Military Personnel Records Jackets (MRPJs) monthly. Especially noteworthy is the fact that 90 percent of records audits were achieved and 93 percent of Officer Records Briefs (ORBs) were audited on time. Additionally, 98 percent of eligible soldiers reviewed their promotion qualification packets. This accomplishment is attributed to the notification system used which has been in effect for 2 years.

The Military Personnel Office (MILPO) achieved a 0.3 percent OER late rate and a 0.8 percent EER late rate. Both rates are well below the TRADOC objective of 2.5 percent. These results were achieved by using a good suspense system and initiating the reports immediately upon notification. Additionally, 2,086 soldiers were outprocessed with approximately 1,000 going overseas. Fort Rucker received no major Program of Review (POR) deficiencies from gaining oversea command.

Force Competency initiative caused an increase in the number of separations processed. The Separation Transfer Point (STP) initiated a program to process administrative discharges in 3 days or less. Total separations for CY 82 were 2,356. The appearance of the STP facility was upgraded by acquiring new contemporary wood grain office furniture. The STP briefing room was improved by installing carpeting, drapes, and acquisition of renovated tables and chairs. Departure ceremonies are now held in the STP to formally express appreciation for honorable service and presentation of a Certificate of Appreciation to soldiers.

During 1982, numerous separation approval authorities were decentralized to the Special Court-Martial (SPCM) and battalion command level as a result of a DoD directive which aimed to standardize the separation program among the services. In addition, authority to approve award of an Army Commendation Medal (ARCOM) and Army Achievement Medal (AAM) was decentralized to O6 and O5 commanders. This change was implemented to provide more timely recognition to soldiers by their commander.

For 2 consecutive years, Fort Rucker Reenlistment NCOs took top honors with TRADOC. In March 1982, SSG Gary I. Greenwell, Operations Sergeant for Post Reenlistment, was selected as the 1981 Secretary of the Army Reenlistment NCO of the Year. In November 1982, MSG(P) Ronnie K. Inman, NCOIC for Post Reenlistment, was selected as the 1982 TRADOC Reenlistment NCO of the Year.

With the Army approaching its year end strength in 1982, the reenlistment program was completely reoriented. Reenlistment objectives which were considered minimum requirements in the past became ceilings on 1 April 1982. During this turbulent period, we were able to achieve exactly 100 percent in all three categories (Initial-term, mid-term, and career).

The Standard Installation/Division Personnel System (SIDPERS) surpassed all standards for SIDPERS Personnel Files update. The acceptance rate of 98.5 percent for unit input and 98.9 percent for MILPO input surpassed the Department of the Army Standard for 90 percent for unit and 95 percent for MILPO. All but 0.5 percent of the 147,803 transactions submitted updated the local file less than five days after effective date. In September, the installation was commended by the USA Military Personnel Center for surpassing the timeliness standards for 12 consecutive months.

During the period 29 November - 3 December 1982, representatives of the TRADOC Personnel Management Assistance (PERMAS) team evaluated AG military personnel management. The purpose of their visit was to provide managerial assistance to the MILPO in the correction of noted deficiencies. Additionally, the PERMAS team collected information to use at TRADOC and Department of the Army levels to evaluate personnel policies, programs, and procedures. All areas were thoroughly evaluated and determined to conform to high standards of management. The team noted that our military personnel management was among the best they had seen.

### **MORALE SUPPORT ACTIVITIES DIVISION**

**MISSION:**

Increase the effectiveness of the Army by assisting commanders in maintaining the morale, the mental, and physical fitness of Army personnel, their families, and other members of the military community. This was accomplished by promoting maximum participation in planned and diversified activities.

**ORGANIZATION:**

Morale Support Activities (MSA) Division consists of the following elements:

- Library Branch
- Physical Activities Branch
  - Bowling Lanes
  - Golf Course
  - Outdoor Recreation
  - Sports
- Community and Skill Development Activities (CSDA) Branch
  - Arts and Crafts
  - Recreation Center
  - Youth Activities (YA)
- Morale Support Fund

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ(P) Robert H. Howard	Morale Sup Activities Off	20 Nov 82 - Present
Mr. Lamar Caldwell	Morale Sup Activities Off	Dep - 19 Nov 82
Mr. Walter W. Nichols	Custodian, Morale Sup Fund	Entire Year
Mr. Leslie R. Waltman	Dir, Library Branch	Entire Year
Ms. Sarah A. Henderson	CSDA Coordinator	Entire Year
Mr. William Shinholster	Physical Acts Coordinator	Entire Year
Mr. Billy Adkins	Director, YA	Entire Year
Mr. James Cullina	Director, Outdoor Rec	Entire Year
Ms. Janis Friend	Director, Arts & Crafts	15 Aug 82 - Present
Ms. Constance Evans	Director, Arts & Crafts	Dep - 9 Apr 82
Mr. Veikko Juhola	Golf Course Manager	Entire Year
Mr. Lawrence Kelly	Bowling Center Manager	Entire Year
Mr. Robert Harrell	Snack Bar Manager	Entire Year
Ms. Johnnie Bradshaw	Supply Officer	Entire Year
Mr. Lyle Jones	Sports Director	1 Sep 82 - Present
Mr. Bill Coker	Publicity Specialist	21 Jun 82 - Present

## ACCOMPLISHMENTS:

Administration: MSA was reorganized in March 1982. Two branch coordinator positions were established--the CSDA Coordinator who supervises Arts and Crafts, Recreation Center, and YA, and the Physical Activities Coordinator who supervises the Bowling, Golf, Sports, and Outdoor Recreation Sections. The restructure of the division provides accessibility for advice and guidance to the section managers/supervisors on a timelier basis. This has resulted in improved efficiency of operations.

The newly established Publicity Specialist position was filled in June 1982. The publicity plans established have provided the installation and surrounding communities with professional, continuing, total coverage of the programs/events conducted by MSA.

The first annual "Life. Be In It Day" was celebrated on 11 September 1982. Activities included a 10K Run, Youth Fishing Tournament, Bicycle Race, Arts and Crafts Fair, Band Fest, and Pool Party.

Library Branch. The Library's Program was expanded on 18 October with the purchase of more than 300 Video Home System (VHS) and BETA video cassettes. The video cassette program is currently available at approximately 20 military installations in the Continental United States. Patron usage from the time the cassette program was initiated until 31 Dec 82 increased by 2,578 actions over the same period of 1981.

Physical Activities Branch.

Bowling Center. Several improvements were completed in the Center during 1982. Decorative insulated wall coverings were installed; modifications were made on the pinspotters with the installation of one board chassis; and new settees were purchased. There were 160,018 lines of bowling for this year, which made the daily average 22 lines per lane.

Golf Course. The 40th Birthday Aviation Center Golf Tournament was held in June. The Third Annual Golden Hawk Pro-Am Tournament, conducted in October, was extremely successful. Maximum participation was realized and the purse was the largest ever offered at Fort Rucker. An underground, automatic irrigation system was installed at the driving range practice tee. The new system has provided good turf throughout the golfing season. Twenty-two E-Z-Go golf carts were obtained for patron usage.

Outdoor Recreation. TRADOC grants allowed the purchase of 15 new mobile home rental units and 17 screened porches at the Fort Rucker Florida Recreation Area. In addition, boats and motors were refurbished, new playground equipment was installed, and the bath house, laundry, and fishing pier were painted. Excellent participation has been realized since the improvements were completed.

Sports and Athletic Training. Fort Rucker was the host site for the 1982 TRADOC Division B Basketball Championships 12-18 March (men and women). Eleven men's and seven women's teams competed for the championships. The men's title was won by Fort Eustis and the women's by Fort Rucker. Approximately 900 youths from Dale, Coffee, Houston, Pike, Henry, Barbour, and Geneva counties participated in the Alabama District Special Olympics on 17 April. Volunteers from Troy State University and the 1st Aviation Brigade assisted in conducting the event. The olympics have been hosted by Fort Rucker for the past 8 years. Fort Rucker hosted the Southeast Health Service Command Softball Championship 6-8 August. Twelve teams participated from the Medical Command; the United States Army Aeromedical Center Team, Fort Rucker, won the championship.

Community and Skill Development Activities Branch.

Arts and Crafts. The design for the new Skills Development Center was finalized in 1982 and funding for the plans received. Ground breaking is tentatively scheduled for June 1983; construction should be completed in 1984.

In April, the Ceramic Shop sponsored a Brush Strokes Workshop. The workshop was conducted by the Callaway Crafts Center of Panama City, Florida.

Nine entries were submitted to the Inter-Service Photo Contest in August. One of the Photo Shop patrons, SFC John Smith III, placed second in one category at TRADOC level. During August,

the Multicrafts Shop sponsored a Pen and Ink Workshop. The workshop was presented by Wilodean Brown, a noted artist from Chapman, Alabama. Auto Shop instructors received their first training on the use of the shop's computerized front end alignment machine in September. In October, Arts and Crafts held an MSA Logo Contest in conjunction with the DA Contest. The work for four Fort Rucker personnel was submitted to DA for judging. The mold area and mold check-out system in the Ceramic Shop were reorganized in October; four new replacement electric kilns were installed. In November, the Ceramic Shop sponsored a Pottery Workshop which was given by Timothy Weber, a well known potter from Troy, Alabama. Self-Help improvements made to the upstairs portion of Multicrafts gave the patrons additional large work areas; two new glass enclosed bulletin boards and one new glass showcase were installed in the hallway.

Recreation Center. The various directed programs conducted throughout the year included Middle Eastern Dance, Calligraphy, and Dog Obedience special interest classes; piano and guitar musical classes; competitive, community, and other special interest activities for a total of 902 programs. Highlights for the year were an International Food Fair, Starving Artists' Show, singing valentines, and flea markets. In the area of music and theater, two touring theater companies, the Alpha-Omega Players and First Georgia Touring Company, presented performances; the newly reorganized Fort Rucker Theater Company presented a melodrama and Christmas production; and a talent show featuring Fort Rucker community members was conducted. The Information, Tour, and Travel Office offered tours to the World's Fair, Disney World, Busch Gardens, and Westville, Georgia. Monthly canoe and deep sea fishing trips were conducted during the summer months.

Youth Activities. During the year, 4,787 volunteers provided 102,909 hours of service. Volunteers performed the duties of chaperones, coaches, sports officials, team parents, and instructed classes.

YA worked with the Provost Marshal's Office to implement an Officer Friendly Program for the post. A Junior Military Police Cadet organization evolved from the program.

An Arts and Crafts program was implemented for pre-teens and teens. Art shows were held for the young artists to display their creations.

Tours and trips were provided to such areas of interest as Marianna Caves; the Pike County Pioneer Museum; Westville, Georgia; Montgomery Zoo; Panama City, Florida; and Water World. Trips were also made to Dothan; WKMX Radio Station in Enterprise, Alabama; and the Daleville Fire Station.

The Junior Military Police Cadets sponsored a Haunted House for Halloween and a Wiregrass Christmas Party for all the youth of the Wiregrass area. The attendance was outstanding.

A YA Spring Dance Recital was held at the Recreation Center. The activity was extremely well received. Youth Disco Dances were held twice monthly for all members and their guests.

During the summer, YA served as host to Boy and Girl Scout troops who were traveling throughout the southern states.

The YA Soccer Program experienced its best year of competition. Excellent volunteers were responsible for the success. The YA Bowling and Football Programs had a most successful year. The bowlers were well represented at the State Bowling Tournament in Montgomery, Alabama. The YA Basketball Program combined the girls and boys into one productive program. The youths, ages 6-12, played in a local league while the 13-14 and 15-18 year olds traveled extensively. The girls' gymnastics team competed on the state and district level. A gymnastics' recital was presented at the close of the year. The YA baseball teams competed in the Dixie Baseball Program; the girls softball team competed in the Dixie Softball Program. The Dixie Belles traveled to Auburn for their tournament play; the Fort Rucker Dixie Belles were awarded the Sportsmanship Trophy. T-Ball, baseball, and softball activities continue to realize the largest participation.

Morale Support Fund (MSF). Budgeting goal for the year was for MSF to be self-sufficient. Three activities were to operate within their self-generated income; e.g., Golf, Bowling, and Child Care Services. These goals were met with the support of major fund raising projects and dividends from the Package Beverage Branch.

## **ALCOHOL/DRUG ABUSE DIVISION**

### MISSION:

The Alcohol/Drug Abuse Division (ADAD) is responsible for the implementation and execution of the Army's Alcohol/Drug Abuse Prevention and Control Program (ADAPCP). The mission of the ADAPCP is to prevent alcohol/drug abuse, alcoholism/addiction; attempt to restore personnel to effective duty who have been rendered ineffective by reason of their personal misuse of alcohol/drugs; to provide the commander/director report of personnel considered to be rehabilitative failures for the ultimate objective of separating these personnel from government service; and to educate the military and surrounding civilian community concerning the impact of the abuse of alcohol/drugs.

### ORGANIZATION:

The ADAD was established at Fort Rucker in September 1971 as a section of the Human Relations Division. The ADAD became a separate division under the Directorate of Personnel and Community Activities/Secretary in November 1973. In July 1980, the need was perceived to civilianize the Alcohol/Drug Control Officer (ADCO) position to add stability to the position, and to combine those duties with the Civilian Program Coordinator (CPC). In December 1981, the ADCO/CPC merging was accomplished and the space was filled. The ADAD is fully coordinated with the post physicians, the post psychologist, preventive medicine and the post psychiatrist, who serves as the clinical consultant to the program.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Ronald R. Sorrells	ADCO/CPC	Entire Year
Mr. Howard O'Neal	Clinical Director	Dep - 8 Aug 82
Mr. Jerome J. Lightel	Clinical Director	9 Aug 82 - Present

### ACCOMPLISHMENTS:

During CY 82, the ADAD provided rehabilitative services for 213 personnel. These were educational/preventive education classes provided for 241 personnel who were first offenders. There were personnel training classes conducted for 5,519 military and civilian personnel.

The ADAD coordinated the participation of 276 Fort Rucker personnel in the Department of Defense Worldwide Drug and Alcohol Survey. Personnel surveyed ranged from E1 - O6. The purpose of the survey was to determine individual soldier impressions/perceptions of current drug/alcohol abuse prevalence and trends. The Research Triangle Institute conducted the survey and their monitors were highly complimentary of Fort Rucker's maximum participation in the survey.

The ADAD participated in Headquarters, Department of the Army (HQ DA), 1982 Holiday Campaign Against DUI/DWI Accidents/Incidents. Fort Rucker developed and implemented certain initiatives in consonance with the HQ DA campaign. Some of those initiatives were DWI films on Educational TV, use of breathalyzer and films in the service clubs, various newspaper articles focusing on DWI, educational classes to interested groups, etc. Fort Rucker experienced a decrease in DUI/DWIs during the 1982 Thanksgiving and Christmas Holiday period. It is felt that the initiatives developed and implemented in the Holiday Campaign had an impact on this decrease.

The ADAD sustained an aggressive effort in the area of commander directed urinalysis testing. There were approximately 3,400 military personnel tested in CY 82.

## **EQUAL OPPORTUNITY DIVISION**

### MISSION:

Assists the commander in achieving racial harmony and equal opportunity through education, affirmative action, and implementation of special activities.

ORGANIZATION:

The organizational structure is in accordance with TRADOC Suppl 1 to AR 600-21 which requires the following:

Affirmative Actions Branch  
Education & Training Branch

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Jerry D. Jackson	Chief	Dep - 27 Oct 82
MSG Dwight Riley	NCOIC, Division	Entire Year
SFC Lonnie Randall	NCOIC, Ed & Tng Br	Dep - 1 Nov 82

ACCOMPLISHMENTS:

Two Equal Opportunity staff members attended the Department of Navy's training at Pensacola, Florida, on the Prevention of Sexual Harassment in order to facilitate the design and implementation of a Sexual Harassment Program at Fort Rucker.

The Equal Opportunity (EO) Division designed, developed, and implemented the Installation Program to Counter/Prevent Sexual Harassment which consists of USAAVNC Pam 600-3, A Guide for Commanders/Supervisors and Unit Discussion Leaders on Sexual Harassment (military and civilian) and a comprehensive lesson plan to include two video cassettes and various practical exercises.

The EO Division conducted two 80-hour Installation Equal Opportunity Workshops. Forty-four personnel were trained in the workshops to become unit/activity discussion leaders or EO Program Managers.

One representative from the EO Division attended the National Association for the Advancement of Colored People (NAACP) Convention in Boston, Mass.

One EO Division staff member conducted equal opportunity training for personnel at the Corps of Engineer Waterways Experiment Station, Vicksburg, MS.

The Installation's Military Affirmative Actions Plan (AAP), USAAVNC Pam 600-5, was revised and distributed in September 1982.

The EO Division provided assistance and major input in planning and conducting the various ethnic day/week activities during CY 82.

Martin Luther King, Jr.'s Birthday, 15 January 1982.

Black Heritage Week, 15-18 February 1982.

Asian-Pacific American Heritage Week, 4-10 May 1982.

American Heritage Week, 9-14 August 1982.

National Hispanic Heritage Week, 12-18 September 1982.

Native American Day, 24 September 1982.

Equal Opportunity Staff Assistance Visits and Affirmative Action Plan Panel Meetings were conducted to determine compliance with the Installation's Affirmative Actions Plan.

There were seven formal complaints submitted. One complaint was founded and six were unfounded.

**FORT RUCKER INSTALLATION CLUB SYSTEM**

MISSION:

Advises the command group on matters pertaining to Club activities. Coordinates and implements Club procedures and policies for social and entertainment programs of members of the Club System. Provides daily operational management for the Officers', NCO, and Package Beverage Branch activities.

ORGANIZATION:

The Fort Rucker Installation Club System is composed of the following branches:

- Administrative Support Branch (Non-revenue producing)
- Package Beverage Branch (Revenue producing - non-membership)
- Officers' Club Branch (Revenue producing - membership)
- Noncommissioned Officers' Club Branch (Revenue producing - membership)

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Joseph C. Wissel	Installation Club Mgr	Entire Year
Mr. Joseph S. Jones, Jr.	Chief, Admin Sup Branch	Entire Year
Mr. Stanley Filipiak	Mgr, Pkg Beverage Br	Entire Year
Mr. Evan E. Smith, Jr.	Mgt, Officers' Club Br	Entire Year
Mr. James C. Harrelson	Mgr, Noncommissioned Off Club Branch	Entire Year

ACCOMPLISHMENTS:

The Fort Rucker Club System maintained the \$5.3 million in food and beverage sales for the FY 82. The net income generated by the Officers' and NCO Clubs for FY 82 totaled \$305,385.

The Installation Club System has been recognized by TRADOC as an overall service/customer oriented organization. It continued to rank in the top of TRADOC Installations and remains impressive in its accomplishment.

**US ARMY AVIATION MUSEUM**

MISSION:

To collect, restore, preserve, and display significant items in operational condition in the field of aviation relating to the history of the US Army.

ORGANIZATION:

The museum consists of the following positions: Curator, Assistant Curator, Museum Technician, and Historian.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Thomas J. Sabiston	Curator	Entire Year
James G. Craig	Assistant Curator	Entire Year
Sandra P. Casey	Museum Technician	Entire Year
Harford Edwards	Historian	Entire Year

ACCOMPLISHMENTS:

The museum hosted 85,829 visitors during CY 82. A total of 291 groups consisting of public school children, college students, high school and college ROTC, military and civilian VIPs, civic clubs, officer/warrant officer candidates, and maintenance training classes visited the museum on conducted tours.

Historical items donated or transferred to the museum during 1982 totaled 54, ranging from small personal items to complete aircraft. The museum had five aircraft repainted with polyurethane paint for preservation against the elements.

An Auster IX aircraft from the Army Air Corps Museum, Middlewallop, England, was placed on exhibit at the museum. A quarterly exhibit was placed at Cairns Operations similar to ones at the Officers' Club and Center Library. The L-4 "Grasshopper" was displayed at Pittsburg, KS, to celebrate the 40th Birthday of contract training of liaison pilots. A closed circuit TV system was installed for security of museum collection and to prevent vandalism of museum exhibits.

The museum collection valued at approximately \$62 million consists of 60 rotary wing aircraft, 59 fixed wing aircraft, and two lighter-than-air vehicles along with hundreds of Army Aviation memorabilia items.

# DIRECTORATE OF INDUSTRIAL OPERATIONS

## MISSION:

Plans and directs the installation logistics support, including procurement, supply, transportation, equipment maintenance, aircraft maintenance quality assurance, laundry and dry cleaning, food services, and mortuary services, in support of Army aviation training and tenant activities. Plans and provides installation logistics support for mobilization and other contingency planning.

## ORGANIZATION:

The Directorate of Industrial Operations (DIO) is organized into the following divisions and branches:

- Administrative and Management Branch
- Aircraft Logistics Management Division (ALMD)
- Maintenance Division
- Plans Branch
- Procurement Division
- Supply and Services Division
- Transportation Division

<u>KEY PERSONNEL:</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Ernie J. Leach	Director of Industrial Operations	1 Sep 81 - Present
Mr. Perry S. Grantham	Deputy Director of Industrial Operations	Entire Year
MSG Michael V. Smith	NCOIC, DIO	26 Oct 81 - 1 Feb 82
SFC Francis Burns	NCOIC, DIO	1 Feb 82 - 7 Jul 82
MSG Woodrow A. Seymour	NCOIC, DIO	7 Jul 81 - Present

## ACCOMPLISHMENTS:

The Commercial Activities Proposed Action Summary (CPAS) for Directorate of Industrial Operations was submitted to TRADOC. Those activities which were noncontractable were identified. The installation requested a 2-year delay due to the foreseen impact on the Matthews-Huntington Consent Decree. Department of the Army delayed the DIO until the FY 85 review schedule.

Management emphasis has continued throughout CY 82 to organize the directorate for efficiency and economy in preparation for CPAS. Deletion of civilian and military positions, reductions in overtime, improved productivity through reduction in sick leave usage, and consolidation of like functions have been major areas for emphasis and increased productivity. Through management emphasis and employee awareness, average sick leave usage per employee was reduced from 76.3 hours per employee in FY 81 to 63.6 hours in FY 82. Overtime was reduced by 67 percent.

Annual Command Logistics Review Team visit by TRADOC was canceled for CY 82 due to reduction in travel monies available at TRADOC.

DIO sponsored the highly successful first and second annual VOLKSMARCH for the Army Aviation Center on 8 May and 20 Nov 82. Net proceeds of \$3,881.92 and \$7,309.81 were turned in to the Army Aviation Center Museum Foundation.

Extensive training in Commercial Activities, Contract Cost Pricing, and Contracting Officer's Representative Functions was provided in preparation for the DIO Commercial Activities review.

Planned and directed an effective installation supply program under the Standard Army Installation Logistics Supply Subsystem, processing more than 1,100,000 supply and issue transactions, more than 27,000,000 gallons of mobility fuels, and recognized as the best zero balance position for Self Service Supply Centers within TRADOC.

Planned for and directed through a commercial contract costing more than \$51 million the aircraft maintenance for a fleet of over 560 fixed and rotary wing aircraft, producing 98.9 percent available aircraft against the requirements requested by the Directorate of Training and Doctrine (TRADOC) and 101.3 percent of the requirements stated in the contract document.

Planned for and directed the maintenance of equipment maintaining an overall days' backlog within the TRADOC objective of less than 20 days' backlog.

Planned for and directed more than 22,000 commercial movements for personnel, more than 10,000 shipments of household goods, more than 117,000 tons of supplies and equipment by freight shipments, and 4,500,000 miles on the nontactical vehicle fleet.

Planned for and directed the acquisition of more than \$124,790,000 in supplies, equipment, and services through the local Procurement Office.

### **ADMINISTRATION AND MANAGEMENT BRANCH**

#### MISSION:

Performs duties of Program Director/Major Activity Director for the Industrial Operations Program. Manages all resources allocated to DIO by Directorate of Resource Management (DRM) in the accomplishment of the assigned mission. Develops the Fort Rucker flying hour cost per hour by type aircraft based on the flying hour program. Develops and monitors the Stock Fund Program. Negotiates and maintains Inter- and Intra-Service Support Agreements.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Archie Fondren	C, Admin/Mgt	Entire Year
Mrs. Laura Reynolds	Supv Prog Analyst	Entire Year
Mr. John Parham	Inter-Intra-Services Support Agreements Coordinator	Entire Year Entire Year Entire Year
Mr. Willard H. Ammons	Stock Fund Manager	Entire Year
Mr. George B. Savey	Admin Officer	Entire Year

#### ACCOMPLISHMENTS:

DIO was allocated a total of \$115,714,800 in operation maintenance dollars to perform the assigned mission. Actual expenditures totaled \$115,724,200 for a plus .08% deviation.

The Stock Fund Program was \$63,333,000; and actual expenditures were \$63,028,000 for a 99.5% accomplishment.

A major reorganization within DIO was started in FY 82. The following actions were accomplished:

Consolidation of Program/Budget personnel in Administration/Management.

Consolidation of Data Reduction personnel into Supply/Services Division.

Relocation of the Imprest Fund Cashier from Transportation to Procurement.

Elimination of the Maintenance Training Support Activity.

Integration of Reserve Components Branch in with Plans Branch and Supply/Services Division.

The Commercial Activities Proposed Action Summary (CPAS) was submitted to TRADOC on 18 Nov 81. A 2-year delay was requested due to the impact on the Consent Decree. Notification was received that DIO activities would be placed on the FY 85 review schedule.

## **PLANS AND OPERATIONS BRANCH**

### MISSION:

Develops, maintains, and coordinates logistical support plans. Prepares DIO portion of plans to include mobilization, emergency, disaster, contingency, and other special plans. Prepares and reviews administrative actions pertaining to Reports of Survey. Provides logistical support for conferences hosted by Fort Rucker and tenant activities. Provides logistical and technical support for an assigned group of USAR units and ROTC schools located in Alabama, Mississippi, and Florida. Monitors analysis and reports the use of mobility fuels consumption data to TRADOC.

### ORGANIZATION:

The Plans and Operations Branch is organized into the following sections:

- Office of the Chief
- Logistics Officer
- Installation Survey Board
- Unit Movement Coordinator
- Command Supply Inspection
- Reserve Components Inspection
- Reserve Officer Training Corps Inspection

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Johnny J. Grice	C, Plans and Ops Br	Apr 81 - Jun 82
CPT John R. Morrisette	C, Plans and Ops Br	Jul 82 - Nov 82
CPT William D. Phelps	C, Plans and Ops Br	Dec 82 - Present
CPT William D. Phelps	Logistics Officer	Jan 82 - Nov 82
Mr. Charles M. White	Installation Survey Board	Jan 78 - Present
Mrs. Patricia Thompson	Unit Movement Coordinator	Oct 78 - Present
SFC Jerry M. Glenn	Command Supply Inspection	Apr 82 - Present
Mrs. Pauline Sterzenback	Reserve Components Inspection (AL)	Feb 82 - Present
Mr. Billy Joe Alberson	Reserve Components Inspection (MS)	Jan 79 - Present
Mr. Hoyt Wood	Reserve Officer Training Corps	Apr 81 - Present

### ACCOMPLISHMENTS:

In October and November, provided logistical assistance in MOBEX-83 exercise. Developed unit deployment movement plans and executed the planning requirements.

In April, the Reserve Components Section was involved in a project to edit and process an enormous influx of requisitions for selected Command Table of Allowance items for utilization during emergency and contingency condition.

Accountability has been established by units/activities who purchase parts from COPARS store. An audit trail for purchases and utilization has been established.

The Reserve Officer Training Corps (ROTC) has gone into a major conversion from a modified stock record account to a manual property book.

In FY 82, our fuel conservation initiatives resulted in a savings of more than 293,207 Million British Thermal Units (MBTU). This equates to over 2.3 million gallons of fuel saved with an estimated cost of \$2.9 million.

## **SUPPLY AND SERVICES DIVISION**

### MISSION:

Exercises staff supervision for the DIO over all the Supply and Services functions of the USAAVNC. Interprets Supply and Services directives and regulations, develops guidance, and issues implementing instructions. Plans, develops, and coordinates Automatic Data Processing (ADP) applications within the supply system. Advises the DIO on and manages the Army Food Program, Mortuary Services, Laundry and Dry Cleaning Services, Refueling/Defueling Operations, Army Oil Analysis Program, and Consolidated Property Book System. Serves as Installation POL Manager.

### ORGANIZATION:

The Supply and Services Division is organized into the following branches:

- Property Control Branch
- Services Branch
- Petroleum, Oil, and Lubricants (POL) Management Branch
- Central Issue Facility (CIF) Branch

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. James L. Brackin	C, Sup and Svcs Div	Jan 82 - Aug 82
LTC Charles H. Pritchett	C, Sup and Svcs Div	Aug 82 - Present
Mr. James L. Brackin	Deputy C, Sup and Svcs Div	Entire Year
Mr. Leonard M. Emmick	C, Property Control Br	Mar 80 - Apr 82
Mr. Carl E. Quebedeaux	C, Property Control Br	Apr 82 - Present
CPT Elmo G. Burton	C, Svcs Br	Jan 82 - Jun 82
Mr. Billy R. Grantham	C, Svcs Br	Jun 82 - Present
Mr. Melville Allen	C, POL Management Br	Entire Year
Mrs. Lois Eldredge	C, CIF Br	Entire Year
SFC Curtis D. Robinson	NCOIC, Sup and Svcs Br	Entire Year

### ACCOMPLISHMENTS:

Internal goals of 5 percent zero balance rates were established in the Self Service Supply Center (SSSC). This goal was reached in Mar 82. Fort Rucker's SSSC has the highest item availability rate in TRADOC.

SAILS-ABX, the latest Army Standard Supply System, was implemented in Feb 82. The system was implemented with minimal interruption in customer support. Fort Rucker has maintained the highest supply cycle output for all TRADOC in CY 82.

The Central Issue Facility was physically relocated to building 6014 in Mar 82. The new facility provides more adequate and better utilized storage space, an improved customer service layout, dressing rooms, and needed office space. The end result is more effective use of manpower, improved customer service, and improved relationships with customers.

A new laundry contract was awarded in Oct 82 which terminated the Government Owned-Contractor Operated laundry and implemented Contractor Owned-Contractor Operated service.

The Reserve Components Branch was dissolved in Mar 82 and personnel reassigned to Plans Branch, DIO, or Property Control Branch.

All DIO data transcribing functions were transferred to Supply and Services Division in Mar 82. This will result in a savings of 2 man years.

The Petroleum Management Branch performed 33,237 individual analyses on ground and aviation fuels in CY 82. These analyses were performed on 14,506 samples of fuel drawn from aircraft, refueling vehicles, storage tanks, filter separators, and 3,150 bulk shipments. This POL

surveillance program insured that the total quantity of 26,213,597 gallons of fuel received at Fort Rucker in 1982 was clean, free from contaminants, and within established specification parameters.

The Contractor Operated Parts Store (COPARS) provided an immediate source for commercial repair parts needed for maintenance of administrative and commercial design vehicles and equipment. Total dollar value of parts provided during 1982 from COPARS was \$700,312. This service was a prime factor in the administrative vehicle availability rate which was the best in TRADOC.

## **MAINTENANCE DIVISION**

### MISSION:

Serves as installation support maintenance manager. Advises the Director, Industrial Operations, on matters pertaining to the Maintenance Division. Performs long and short range planning of assigned work loads. Acts as Contracting Office Representative (COR) for the purpose of inspecting and accepting services. Exercises direct supervision of direct/general support maintenance of all materiel in satellited activities to include USAR, ROTC, and Active Army units in southern Mississippi, south Alabama, and northwest Florida. Determines the effectiveness and adequacy of organizational maintenance performed on Army equipment utilized by supported units.

### ORGANIZATION:

The Maintenance Division is organized into the following branches:

- Production Planning and Control Branch
- Shop Operations Branch
- Quality Assurance Branch

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ(P) John R. Robinson	C, Maint Div	30 Nov 81 - Present
CPT Phillip R. Wilson	Asst C, Maint Div	10 Apr 82 - Present
Mr. Larry R. Thrash	C, PP and C Br	28 Sep 81 - Present
Mr. David W. Benton	C, Shop Ops Br	23 Nov 81 - Present
Mr. Glennon R. Weiss	C, QA Br	7 Jun 81 - Present
SSG Clayton House	NCOIC, Maint Div	20 Oct 82 - Present

### ACCOMPLISHMENTS:

During FY 82, a Rustproofing Program was established to rustproof Reserve Components vehicles. A 47,076 contract was awarded to rustproof approximately 425 vehicles assigned to Area Maintenance Support Activities (AMSA) located in Dothan, AL; Jackson, MS; Laurel, MS; and Mobile, AL.

During FY 82, the mission of the Maintenance Training Support Section, Maintenance Division, DIO was transferred to Northrop Worldwide Aircraft Services, Inc., (NWASI). This resulted in a savings of seven military spaces.

During FY 82, restructuring and realignment of civilian positions and reduction in grade levels resulted in a savings of approximately \$46,400. This was accomplished without any adverse personnel actions.

A mutual support agreement was initiated between the Maintenance Division, DIO, and Detachment 1, 191st Maintenance Company (Reserve Component) in Dothan, AL. This provided Reserve Components personnel the opportunity for hands-on training in the repair of Communications/Electronics equipment.

A shortage of intensifier tubes for NVG model AN/PVS-5 occurred during a depot modification/update to NVG model AN/PVS-5A. To reduce transportation and rebuild times, which could critically affect flight training, permission was coordinated between Maintenance Division, CECOM, and the CECOM FMT to have the Communications/Electronics Section perform the necessary

depot modification. This modification included the replacement of a new intensifier and eyepiece lens assembly. This action reduced average maintenance turn-around time for this item from approximately 30 days to 10 days.

Modification of flight helmets for use with Night Vision Goggles requires the installing of snap studs on side of helmet and velcro material on visor. This preparation for issue had required numerous overtime hours in past years (FY 81 - \$4,642.00). To overcome this, the Communications and Electronics Section has implemented an assembly line procedure which has reduced the time spent on each modification from 20 minutes to 5 minutes per helmet. This action totally eliminated the need for overtime for this item during FY 82.

## **PROCUREMENT DIVISION**

### MISSION:

Responsible for planning, directing, and executing the procurement and contracting mission. Provides procurement support to USAAVNC, tenant organizations, and USAR installations.

### ORGANIZATION:

The Procurement Division is organized into the following branches:

Administrative Support Branch  
 Contracts Branch  
 Purchase Branch

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Peter C. Polivka	C, Procurement Div	Entire Year
Mr. Perry Doyal	C, Contracts Branch	Entire Year
Mrs. Betty Stinson	C, Purchase Br	Dep - 28 Mar 82
Mrs. Charlotte Corkran	C, Administrative Support Br	18 Jul 82 - Present
Mr. Ellis Nichols	Contracting Officer	Entire Year
Mrs. Peggy Brown	Contracting Officer	Entire Year
Mr. Alan Bullock	Contracting Officer	Entire Year
Mrs. Diana Davis	Contracting Officer	Entire Year
Mrs. Gloria Wheeler	Contracting Officer	Entire Year
Mrs. Martha Brown	Contracting Officer	Entire Year
Mr. Hosie Owens, Jr.	Contracting Officer	Entire Year
Mrs. Betty Stinson	Procurement Analyst/Small Business Specialist	29 Mar 82 - Present

### ACCOMPLISHMENTS:

A 3-day course entitled "Contracting for Technical Representatives," was sponsored by Procurement Division and conducted at Ft Rucker. Thirty-five senior functional managers attended including the chief of staff and most of the directors. The attendees learned vital technical representative skills in order to better support the installation procurement mission.

Through better utilization of resources, overtime usage declined 67% from \$79,163 to \$25,945.

Despite the usual heavy fourth quarter influx of purchase requests, the Procurement Division was successful in servicing the installation procurement needs.

Procurement Division sponsored a Contracting Officer Representative (COR) course at Ft Rucker in Oct 82. The 2-week class was conducted by instructors from the US Army Logistics Management Center from Ft Lee, Virginia. Most of the CORs at Ft Rucker attended. The class was designed to improve COR job performance in the functions of contract surveillance, government quality assurance, contract administration, and statement of work preparation.

### Significant Contractual Actions.

The Flight Training Services Contract for FY 83 was awarded to Aviation Contractor Employees, Inc. (ACE, Inc.). The company was formed by former employees of Doss Aviation, the prior incumbent. The 8 Sep 82 award for an amount of \$16,089,034 was a small business set-aside.

Procurement Division exercised the option on the Aircraft Maintenance Contract for FY 83 service with Northrop for an estimated amount of \$56,000.00.

Epps Aircraft, Inc., of Montgomery was awarded on 6 Oct 82 an indefinite quantity contract for refuel/defuel service. Service commences 1 Apr 83 for an estimated \$1,274,000 to \$2,832,000.

The KP Contract for service commencing 1 Jan 83 was awarded to Kee Services, Owatonna, Minnesota, for an estimated annual amount of \$530,170. For the first time, this procurement was accomplished on a competitive basis. For the prior year, the KP Service Contract amounted to \$1,280,540.

The Laundry Alteration and Repair Contract was awarded 24 Aug 82 to Crown Laundry and Dry Cleaning for an estimated value of \$595,006. The Solicitation permitted bidders to submit proposals either utilizing the government facility or his own commercial facility (Government Owned-Contractor Operated-GOCO or Contractor Owned Contractor Operated-COCO). After adding in appropriate evaluation factors, the successful bid was COCO.

## **TRANSPORTATION DIVISION**

### MISSION:

To provide transportation support for the movement of personnel, personal property, and freight to include operation of the Central Receiving Point and to provide and maintain a fleet of administrative-use vehicles for the support of the installation, 25 Army Reserve Units, 12 Senior ROTC Units, and 3 Junior ROTC Units in the tri-state area.

### ORGANIZATION:

The Transportation Division is organized into the following branches:

Office of the Chief  
Transport Branch  
Movements Branch

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Robert J. Cannom	C, Trans Div	Jul 82 - Present
MAJ Jan E. Payne	C, Trans Div	Jan 82 - Jul 82
SFC Bobby R. Aplin	Act C, Transport Br	Jan 82 - Present
CPT Gordon H. Bennett	C, Transport Br	Dec 81 - Jan 82
Mr. Ronald V. Claussen	C, Movements Br	Sep 82 - Present
Mr. Billy Rhodes	C, Movements Br	Jan 82 - May 82

### ACCOMPLISHMENTS:

The Transportation Division expenditures during FY 82 were \$10,349,799.61. This equates to less than 2 percent of the total expenditures for Fort Rucker. Within this sum, the Personal Property and the Passenger Sections expended a total of \$9,099,005.00. This is 60 percent of FY 81 expenditures. When all Bills of Lading have been compiled, FY 82 expenditures for the Personal Property Section will increase slightly.

Our contract dollars \$1,281,468.00 are less than 1 percent of the total procurement dollars expended during FY 82.

Non-Temporary Storage	\$813,380.00
Packing and Crating	\$251,250.00
Passenger (Charter Bus/Air)	\$208,827.00
Motor Pool School Bus	\$ 74,800.00*

\*The expenditures for the Motor Pool were totally reimbursed by the Fort Rucker School System.

Transport Branch: The Transportation Motor Pool fleet consisted of 140 overage vehicles. Twenty-two vehicles were transferred to the Property Disposal Office. The vehicles turned in were sixteen pickups, two sedans, one bus, one utility truck, one 1-ton truck, and one 5-ton truck. Replacement vehicles included fifteen trucks, seven sedans, three carryalls, and one ambulance. Four hundred and eleven vehicles were assigned and driven 4,493,207 miles. This equated to 10,800 miles per vehicle.

A receptionist in the waiting area, an appointment system in the Unaccompanied Port Call Section, and streamlining of the appointment system in the Dependent Travel Section provided a better flow of traffic and more efficient service to the customers.

The Materiel Movements Section has reduced transportation costs by approximately one-third for shipments consigned to Red River Army Depot, Texas. Through coordination with Military Traffic Management Command (MTMC), we were able to get an amendment to a volume movement routing of aircraft parts to Corpus Christi Army Depot. This amendment includes Red River Army Depot as a stop-off point for an average cost of only \$294.00 more than the current truckload rate to Corpus Christi Army Depot. Not only is it cheaper to ship via truckload, but valuable time is also saved in delivery to destination.

The Materiel Movements Section arranged for the transportation and coordinated the loading and movement of 12 truckloads of military impedimenta on 13 and 14 Aug 82 for the 46th Engineer Battalion to the Port of Savannah, Georgia, for onward movement overseas. The loading was completed in 1 1/4 days with only 2 hours of compensatory time being utilized.

Materiel Movements Section now has the services of the Purolator Courier Corporation. This gives this section the flexibility to provide overnight delivery of small packages at small cost. For a cost of \$13.00, Purolator can deliver 2 pounds and under, door-to-door, at designation the next day. Purolator serves most places within CONUS.

The Materiel Movements Section participated in MOBEX 83 Exercise. Evaluations pertaining to transportation portion of exercise were completed. The Logistics Center was manned on a 24-hour basis. Only 14 hours of overtime were utilized by the Materiel Movements Section during this exercise. The Materiel Movements Section assisted the Unit Movement Coordinator in briefing inbound units arriving on weekends.

Since deregulation, transportation carriers in all modes have submitted numerous discount rates, tenders, and tariffs. The Materiel Movements Section has saved the government thousands of dollars by using the lowest cost carriers available. Exact dollar amount of savings is unknown since we do not have a feedback on actual cost of shipments. Shipments are made both on Government Bills of Lading and Commercial Bills of Lading.

Transportation and travel entitlements for DACs were changed 1 Oct 82. Some of the changes are increased storage in transit (SIT) period, expanded definition of household goods (HHG) to include shipments of two or three-wheeled vehicles, and increased allowance for employees without dependents.

The work load of the Movements Branch was as follows:

Approximately 22,000 persons were outprocessed by the Personnel Movements Section with an additional 2,000 passports processed.

The Personal Property Section processed approximately 7,000 applications for outbound shipments and 4,000 inbound shipments were received. The Quality Control Section inspected 6,000 shipments to insure quality service. Included in these shipments were 759 tons of personal property moved by the member under the Do-It-Yourself-Move.

The Materiel Movements Section shipped 1,284 tons of freight and received 11,561 tons of freight. The Central Receiving Point processed 5,252 tons of inbound freight.

### ***AIRCRAFT LOGISTICS MANAGEMENT DIVISION***

MISSION:

Monitor the aircraft maintenance contractor's operations to insure quality maintenance and supply accountability. Through the DIO, advise commanding general on aviation supply and maintenance activities.

ORGANIZATION:

The Aircraft Logistics Management Division is organized into the following branches:

- Production Surveillance Branch (PSB)
- Maintenance Surveillance Branch (MSB)
- Supply Surveillance Branch (SSB)

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC Edward L. Goff	C, ALMD	Entire Year
SFC Stafford Goldsmith	NCOIC, ALMD	Entire Year
CPT Louis A. Bonham	C, PSB	Jan 82 - Apr 82
CW4 Robert J. Mamino	C, PSB	Apr 82 - Present
MAJ Terry J. Coker	C, MSB	Jan 82 - Apr 82
CPT Louis A. Bonham	C, MSB	May 83 - Present
DAC Richard W. Welch	C, SSB	Jan 82 - Feb 82
DAC Terrence M. Peacock	Act C, SSB	Mar 82 - Jul 82
DAC Kayron P. Fincher	C, SSB	Aug 82 - Present
DAC Louis E. Boothe	Computer Specialist	Entire Year

ACCOMPLISHMENTS:

Logistical support for the UH-60 helicopter was transferred from the contractor (Sikorsky) to the government in Mar 82. This conversion involved more than 800 line items managed by Northrop Worldwide Aircraft Services, Inc., and encompassed assigning Federal Stock Numbers to Manufacturer Control Numbers.

In Apr 82, modification was begun on four AH-1 aircraft to equip them with an avionics package and high intensity searchlight for utilization by US Customs. This project was authorized by a Vice Presidential Task Force for drug interdiction in southern Florida.

The ARN 58 modification was begun in Jun 82 which will provide full instrument landing system capability for the entire UH-1 instrument fleet at Cairns Army Airfield.

In Jun 82, all UH-1 and CH-47 series helicopters were placed under an expanded flight hour program for phase inspection. Time between phase inspection of the UH-1 was increased from 100 hours to 150 hours. The interval on CH-47 helicopters was increased from 100 hours to 200 hours. These maintenance practices have significantly reduced maintenance man hours while increasing aircraft availability.

USAAVNC AH-1 aircraft experienced numerous problems with the structural integrity of skid shoes over the years. Aircraft Logistics Management Division conducted extensive research on the problem and a new heavy duty skid shoe has been developed. A substantial increase to the life span of the AH-1 skid shoe has been achieved.

In Sep 82, with the aid of government support personnel, the aircraft maintenance contractor successfully implemented an upgrade of automated data processing (ADP) equipment and systems that culminated a 3-year project to replace aged, obsolete government furnished ADP and telecommunication services. This action represents a major step in the case of computer systems and information processing by the aircraft maintenance activity and facilitates the evolution of automation management at the United States Army Aviation Center.

In Oct 82, the installation of auxiliary fuel tanks was begun on the UH-1 instrument fleet. Fifty tanks will be installed. This project has already enhanced instrument student training by means of increased range capability.

The OH-58A and C model aircraft experienced numerous power loss problems in the summer of 1981. United States Army Troop Support and Aviation Materiel Readiness Command (TSARCOM) has provided a long-term solution with a governor and fuel control modification. The modification of USAAVNC aircraft began in Nov 82 with all OH-58A being completed by the end of December. The OH-58C modification is scheduled to begin in early 1983.

In December, the first CH-47D arrived at the USAAVNC for initial training of instructor pilots.

During the year of 1982, the following modification work orders (MWO) were performed to the respective type aircraft by a contract field team. MWOs were funded by TSARCOM.

MWO 55-1520-210-50-6 - APR 39 Radar Warning - 11 aircraft - UH-1 series  
 MWO 55-1520-210-50-7 - Night Vision Goggle - 269 aircraft - UH-1 series  
 MWO 55-1520-228-30-15 - Auto Relight System - 22 aircraft - OH-58A series  
 MWO 55-1520-228-30-34 - Wirestrike Device - 26 aircraft - OH-58A series  
 MWO 55-1520-228-50-4 - APR Radar Warning - 26 aircraft - OH-58A series  
 MWO 55-1520-228-50-22 - Night Vision Goggle - 24 aircraft - OH-58A series  
 MWO 55-1520-227-50-22 - General Purpose Dispenser XM 130 - 2 aircraft - CH-47C series

The Aircraft Logistics Management Division coordinated the transfer of 139 aircraft onto and away from Fort Rucker during the calendar year. These transfers included aircraft reassignments to depots and other installations. They also included aircraft gains from depots and other installations. Primarily, as a result of these transfers, the following changes in the US Army Aviation Center inventory occurred during 1982.

<u>Aircraft</u>	<u>On Hand 31 Dec 81</u>	<u>On Hand 31 Dec 82</u>	<u>Change</u>
U-21	4	4	0
OV-1	6	7	+1
T-42	10	10	0
CH-47	11	12	+1
UH-1M	5	5	0
UH-1H	284	280	-4
OH-58	38	41	+3
TH-55	144	164	+20
UH-60	10	10	0
AH-1	7	5	-2
TAH-1S	<u>23</u>	<u>25</u>	<u>+2</u>
	542	563	+21

# DIRECTORATE OF ENGINEERING AND HOUSING



## MISSION:

Directs installation engineering projects and services; master planning and construction; execution, inspection, supervision and acceptance of engineering contracts, real estate acquisition, management and disposal; construction contract proposals and specifications; operations; operation and maintenance of utilities, maintenance and/or repair of real property and facilities; minor construction, fire prevention and protection; supply and storage of items peculiar to Directorate of Engineering and Housing (DEH) maintenance and construction functions; maintenance of installed property; centralized management and administration of installation housing program. Monitors all aspects of the National Environmental Policy Act and other federal environmental laws, executive orders, and regulations concerning environmental quality as pertains to Fort Rucker.

## ORGANIZATION:

The Directorate of Engineering and Housing (DEH) is composed of nine functional elements.

- Administrative Office
- Environmental Protection Office
- Engineering Plans and Services Division
- Engineering Resources Management Division
- Supply-Storage Division
- Buildings and Grounds Division
- Fire Prevention and Protection Division
- Utilities Division
- Housing Division

### KEY PERSONNEL

### POSITION

### ARRIVAL/DEPARTURE DATES

LTC Daniel G. Barney	Director	Entire Year
Mr. Frank O. White	Deputy Director	Entire Year
MAJ Charles D. Gray	Operations Officer	Departed - 5 Jun 82
CPT James T. Scott	Operations Officer	6 Jun 82 - Present
MAJ Charles D. Gray	Special Assistant to Director	6 Jun 82 - Present

## **ADMINISTRATIVE OFFICE**

### MISSION:

Exercises staff supervision in matters pertaining to manpower control, organizational structure, civilian personnel actions, and administrative functions. Provides technical assistance in accumulation of man-hours, work load, and work measurement data and preparation of related reports. Maintains liaison with Force Development Division, Directorate of Resource Management (DRM), and Civilian Personnel in matters pertaining to manpower control, organization structure functions, and civilian personnel actions. Serves as focal point of control for personnel actions. Performs administrative control of overtime. Reviews and interprets correspondence and directives; develops, formulates, and issues implementing policies and procedures. Provides administrative support, monitors reports control, records management, and security functions. Maintains central publication library for DEH.

### KEY PERSONNEL

### POSITION

### ARRIVAL/DEPARTURE DATES

Mrs. Hazel J. Jackson	Admin Officer	2 Aug 81 - 9 Oct 82
Mrs. Kathryn W. Hall	Admin Officer	10 Oct 82 - Present

## **ENVIRONMENTAL PROTECTION OFFICE**

### MISSION:

To promote the enhancement and protection of the quality of the human environment without impairment to the Army's mission. Specific guidelines are outlined by Headquarters, Department of the Army (HQDA), through AR 200-1 and AR 200-2.

### ORGANIZATION:

The Environmental Protection Office is part of the DEH organization and answers directly to the director and his deputy. The Environmental Protection Office serves as the focal point for environmental affairs at the installation. This office coordinates all environmental affairs between Headquarters, US Army Training and Doctrine Command (HQ, TRADOC), and the installation. The office also coordinates environmental affairs between state or federal agencies and Fort Rucker. The office personnel consists of an engineer, an environmentalist, a biologist, and a student aid.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Henry L. Dowling	Chief, Environmental Office	Entire Year
Mr. Joe V. Wilkins	Environmental Protection Specialist	Entire Year
Mr. Eugene P. Malkoff	Environmental Protection Assistant	Entire Year

### ACCOMPLISHMENTS:

Modifications to oil/grease interceptors were completed. Modifications corrected design deficiencies that have rendered the interceptors inefficient since construction. A training program to train personnel to operate the interceptors will be conducted next year. Efficient operation should ensue. Inspections will be conducted on a monthly basis.

The National Pollution Discharge Elimination System (NPDES) permit for all waste water discharges at Fort Rucker was renewed. A new inclusion in the permit was the Hanchey Army Airfield sewage lagoon. New compliance goals recognized by the permit were the Lowe Army Airfield paint strip facility, the fire fighter training pit, Cairns fire station wash rack, auxiliary electric generator at the Cairns sewage treatment facility, and other minor improvements upgrading the overall Fort Rucker sewage system.

A new requirement of the NPDES permit is the cessation of disposal of hazardous and toxic chemical wastes into underground field lines or other injection wells. A search is under way to discover Fort Rucker's requirements. A gas path cleaner and a chemical being used to wash aircraft in the aircraft maintenance area of endeavor are being analyzed by the Environmental Health Agency, Aberdeen, Maryland, to determine toxicity and hazardousness.

Construction has begun on a solid waste incinerator at the intersection of 18th Street and 3d Avenue.

Requests for proposals for an archeological survey of approximately 4,500 acres of Fort Rucker were received by the National Park Service, Atlanta, Georgia, in December 1982. Work should proceed on the survey in 1983 with completion at mid-year.

Disposal on Fort Rucker property of accumulated sewage sludge was approved by the state of Alabama. This action was taken to make the sewage drying beds at the main sewage treatment facility available for rebuilding. Construction work on the drying beds is in progress.

Construction of a new centralized pesticide storage shed and mixing area is still under review by HQ, TRADOC.

Construction of oil/grease traps and field lines was accomplished at four United States Army Reserve (USAR) Centers at Waynesboro, MS; Vicksburg #1, MS; Natchez, MS; and Abbeville, AL. The TRADOC Environmental Program Guidebook was distributed at Fort Rucker by this office. This is a handy reference for use by non-environmentalists.

A memorandum of agreement was established with the Preventive Medicine Activity to submit environmental documentation to the activity for review.

A memorandum of agreement was established with the Cairns Oil Analysis Laboratory for support in the analysis of environmental samples for heavy metals as required by NPDES permit.

## **ENGINEERING PLANS AND SERVICES DIVISION**

### MISSION:

Provides professional engineer services to the installation including design, writing contract specifications, and preparation of cost estimates. The division is also responsible for master planning and programming of military construction as well as inspection of construction contracts.

### ORGANIZATION:

The Engineering Plans and Services Division is organized into three separate functions.

Engineering Services  
Master Planning  
Construction Services

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Julian F. Botts	Division Chief	Entire Year
Mr. Mike McLaney	Engineer Services Branch Chief	Entire Year
Mr. Larry Herbst	Master Planner	Entire Year
Mr. Roy Powell	Construction Services Branch Chief	Entire Year
Mrs. Elizabeth Wilkinson	Activities for the Division	Entire Year

### ACCOMPLISHMENTS:

The following major construction projects were completed or started in 1982:

<u>PROJECT DESCRIPTION</u>	<u>CONSTRUCTION COSTS</u>	<u>ESTIMATED OR COMPLETION DATE</u>
Stagefield Upgrade	\$ 2,999,000	January 1982
Renovation of Barracks	665,000	February 1982
Radio Control System	293,000	July 1982
ECIP Family Housing	149,000	July 1982
Replace 3 Water Wells	993,000	June 1982
Replace A/C Heating Systems	257,000	May 1982
Install Insulation - Storm Windows and Weatherstripping	389,000	October 1982
Addition to Lyster Army Hospital	17,117,000	December 1985
Waste Incinerator	2,673,000	September 1983
Miscellaneous Pollution Abatement	744,000	March 1984
Electrical Distribution, Pole Replacement	129,000	March 1983
Energy Improvements - FH ECIP	1,286,000	September 1983
Commissary Repairs	119,000	February 1983
Sewage Plant Repairs	1,099,000	September 1983
Repair Heating and Ventilation, Building 5102	535,000	September 1983
Repair Heating and Ventilation, Buildings 5801/5909	576,000	October 1983
Reroof and Ventilation Repairs	423,000	January 1984
Construct Water Tank, Cairns AAF	321,000	February 1983
	\$30,767,000	

Construction was a major activity at Fort Rucker and USAR support area in 1982. There was a total of \$30,767,000 in major construction under way or completed in 1982 and 1984 Operation and Maintenance Army (OMA) and minor construction projects completed at a cost of \$34,740,717 for a grand total of \$34,507,717.

During 1982-84, Minor Construction and Maintenance/Repair Contracts, costing \$3,605,902 were completed. There were also eight work orders costing \$134,818 issued to Commercial Architect/Engineer firms for the design of high priority engineering projects. These are enumerated as follows:

<u>TYPE</u>	<u>NUMBER</u>	<u>COST</u>
OMA	55	\$ 2,820,364
USAR	12	122,578
Class II	12	232,395
Family Housing	5	430,562
SUBTOTALS	84	\$ 3,605,899
A/E Work Orders	8	134,818
TOTALS	92	\$ 3,740,717

### **ENGINEERING RESOURCES MANAGEMENT DIVISION**

#### MISSION:

Plans, programs, coordinates, estimates, schedules, and evaluates resources for accomplishment of work by installation forces and certain contracts. Integrates the work management program with other engineering and installation programs and ensures overall compliance with basic policies; coordinates all real estate actions for the installation. Manages the facilities assignment and space utilization program. Maintains and operates the Integrated Facilities System. Supervises the engineering data processing support.

#### ORGANIZATION:

The Engineering Resources Management Division is composed of four branches.

Budget Accounting and Statistics Branch  
 Work Reception and Scheduling Branch  
 Estimating and Facility Inspection Branch  
 Management Engineering and Systems Branch

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Bobby H. Skipper	Division Chief	Entire Year
Ms. Freddie W. Ethridge	Chief, Budget Accounting and Statistics Branch	Entire Year
Ms. Bettye Pechtel	Chief, Work Reception and Scheduling Branch	Entire Year
Mr. James B. Starling	Chief, Estimating and Facility Inspection	Entire Year
Mr. James C. Rhoades	Chief, Management Engineering and Systems Branch	Entire Year

#### ACCOMPLISHMENTS:

By effective prior planning and preparatory work, Directorate of Engineering and Housing was able to take advantage of migratory year-end funds to accomplish work by contract which could not be done within the DEH funding program. The assigned maintenance of Real Property Floor was \$8,069,300. Actual accomplishment was \$12,648,458 of which \$4,230,864 was used to reduce an existing backlog of maintenance and repair work.

The review and analysis program of DEH operations was continued in 1982. This program included

conducting work sampling studies in all the craft areas and methods analysis on many administrative functions within the directorate. The craft area projectivity increased an average of three percent as a result of the implementation of specific recommendations made in the studies. The methods analysis produced a more efficient administrative function throughout the directorate.

### **SUPPLY AND STORAGE DIVISION**

MISSION:

Plans, programs, and accomplishes the Facilities Engineering Supply and Storage functions including the facilities engineering portion of the stock fund. Coordinates the execution of these functions with the Engineer Resources Management Division and other divisions. Applies stock control policy and accounting procedures. Establishes facilities engineering supply plans, policies, and standing operating procedures. Maintains documentary control of facilities engineering supply items and equipment. Processes documents covering incoming and outgoing items. Prepares, reviews, and edits requisitions and tally-out forms. Initiates action for local purchase and accomplishes them when approved by the Purchasing and Contracting Officer. Initiates action to maintain authorized stockage levels. Performs other services incident to requisition, receipt, storage, issue, and disposal of supplies and equipment. Maintains list of supplies authorized for issue to participants in the Self-Help Program. Verifies the engineer equipment portion of the installation Tables of Distribution and Allowances (TDA) and maintains the property book for the accounting of this equipment. Coordinates TDA additions and deletions with the equipment TDA coordinator and the operating divisions. Conducts the facilities engineering storage and warehousing operations. Receives, checks, stores, and issues supplies and equipment (commercial and military). Inspects and classifies items. Selects, tallies, and loads supplies and equipment for shipment. Assists with inventories. Issues supplies to participants in the Self-Help Program.

ORGANIZATION:

The supply and Storage Division is composed of the Property Control Activity and the Storage Activity.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. William P. Treadway	Division Chief	Entire Year
Mr. Luther E. Reynolds	Property Book Officer	Entire Year

ACCOMPLISHMENTS:

As a result of effective utilization of the Facilities Engineering Supply System, 800 line items were added to the Authorized Stockage List.

### **BUILDINGS AND GROUNDS DIVISION**

MISSION:

Plans and accomplishes maintenance and repair of buildings, structures, roads, railroads, air-fields, storm drainage systems, and maintenance and service (M&S) equipment. Manages the forestry, fish and wildlife, and land management program, including grounds maintenance. Provides entomology services.

ORGANIZATION:

Buildings and Grounds Division is composed of three branches.

- Land Management Branch
- Roads and Railroads Branch
- Buildings and Structures Branch

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. T. K. Brantley	Division Chief	Entire Year
Mr. Delarie Parmer	Chief, Land Management	27 Apr 82 - Present
Mr. Millard A. Powell	Chief, Roads and Railroads Branch	Entire Year
Mr. William B. Wells, Jr.	Chief, Buildings and Structures Branch	Entire Year
Mr. Charles E. Mayo	Wildlife Management	Entire Year

#### ACCOMPLISHMENTS:

Some reorganization of the Organizational Maintenance Section was accomplished. Maintenance of fire fighting equipment previously accomplished in building 5206 was moved to building 1436 to centralize the efforts of the section. Realigning three positions to become more responsive and productive was also accomplished.

Approximately 3,357 linear feet of railroad spur to Knox Army Air Field (AAF) was removed. Resurfacing of 267,625 square yards of pavement at Cairns AAF, Shell AAF, and on post was accomplished by contract at a cost of \$788,027.

Buildings at Shell AAF were restored in order to be used by the Reserves while Knox AAF is being renovated by contract.

Contracts for custodial services and grounds maintenance were prepared in the performance oriented statement of work format.

The renovation of buildings 3904 and 3905 to be used as the Self-Help Center was completed. The opening of the Self-Help Center improved the overall Preventive Maintenance and Self-Help Program by providing self-help training and supplies to troops and family quarters occupants.

Preventive maintenance on all family quarters and buildings on the main post and outlying air-fields was scheduled and accomplished on a regular cycle. A system was established to notify occupants in advance of the next scheduled visit by the Preventive Maintenance Team.

The Forestry Section completed tests of the herbicide VELPAR for the control of hardwoods in pine stands. Successful results were achieved from the tests. The continuous forest inventory system, which was started in 1980, was completed in 1982. Data provided by the inventory system will be used to control the amount of timber to be harvested annually.

A two phase land clearing operation was conducted on approximately 60 acres around the Hanchey Terminal Visual Omni Range (TVOR) site. Trees in this area had grown to the point in which they interfered with the directional signal produced by the TVOR. The Forestry Section conducted a sale of all merchantable timber in order to remove these trees. This was followed by bush hogging and hard cutting all other standing trees and brush by the Grounds Section.

Repairs to the emergency floodgate for Lake Tholocco were necessary. In the repair effort, a new gearbox with a portable electrical operator was installed.

#### SHORTCOMINGS:

Contract application of VELPAR planned for 1982 did not materialize due to the lack of funding.

## ***FIRE PREVENTION AND PROTECTION DIVISION***

#### MISSION:

Advises the DEH on matters pertaining to fire prevention and protection activities. Plans, directs, and coordinates an active fire prevention and protection program. Provides around-the-clock technical, administrative, and operational supervision for the division. Investigates fires to determine the cause and corrective action necessary to prevent similar occurrences. Maintains comprehensive records of fire prevention and protection activities; prepares and submits fire reports and makes appropriate recommendations.

ORGANIZATION:

The Fire Prevention and Protection Division is composed of three activities as follows:

Fire Prevention  
Basefield Support  
Stagefield Support

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Jerry B. Grammont	Fire Chief	Entire Year
Mr. James R. Bush	Asst Chief	Entire Year
Mr. Gerald E. Bottoms	Asst Chief	Entire Year
Mr. Miller Coleman	Asst Chief	Entire Year
Mr. Marion M. Spivey	Asst Chief	Entire Year
Mr. Andrew C. Ammons	Chief, Fire Prevention	Entire Year

ACCOMPLISHMENTS:

The Fort Rucker Fire Prevention conducted 6,240 on-post fire inspections (inspected 657 sprinklers and alarm systems and serviced 8,374 fire extinguishers) during 1982. This activity responded to 24 mutual aid responses at the request of Ozark, Daleville, Enterprise, Clio, and Dothan. This was an increase of 12 from 1981. During 1982, there were 7,832 personnel who attended 116 classes and demonstrations emphasizing the action to take in the event of fire, including prevention measures and use of fire extinguishers. Major emphasis was placed on fire prevention during Spring and Fall Clean-Up Weeks, National Fire Prevention Week, and holiday seasons.

Seventy-two fires occurred during 1982. Five were classified as reportable. Army dollar loss amounted to \$21,012 (a \$15,503 increase from last year). Five fires (all structural) were reported to higher headquarters.

One fire station was converted from a 40-hour workweek to a 54-hour workweek, resulting in overtime savings and additional flight time.

During 1982, the Fire Department received a new commercial 1000 GPM pumper.

SHORTCOMINGS:

Six stagefields, viz Longstreet, Wolfpit, Louisville, Tabernacle, Highfalls, and Troy do not have fix-truck shelters. Problems are being experienced with waterlines freezing, rendering the trucks nonoperational. However, alternative solutions were partially implemented within this area, and efforts will continue to provide adequate shelters at these sites.

**UTILITIES DIVISION**

MISSION:

Directs the operation, maintenance, and repair of real property electrical and mechanical systems; production, treatment, and distribution of water; collection and treatment of sewage; refuse collection; operation of sanitary landfill; and management of utilities energy conservation program.

ORGANIZATION:

The Utilities Division is composed of four branches.

Mechanical Branch  
Electrical Branch  
Sanitation Branch  
Energy Management and Control Branch

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Joseph B. Hayes	Division Chief	Entire Year
Mr. Ronald E. Leatherwood	Chief, Energy Management and Control Branch	Entire Year
Mr. Guy P. Dunnavant	Mechanical Branch Supervisor	Entire Year
Mr. Willie G. McKnight	Electrical Branch Supervisor	Entire Year
Mr. John P. Ard	Sanitation Branch Supervisor	Entire Year
Ms. Imogene S. Driggers	Utilities Sales Officer	Entire Year
MAJ John Murphy	Energy Conservation Officer	Departed - 31 Jul 82
Mr. Hershel Beecher	Energy Conservation Officer	13 Sep 82 - Present

#### ACCOMPLISHMENTS:

Installation of the computerized Energy Monitoring and Control System (EMCS) continued during 1982. Phase I, the basic system, moved closer to final acceptance. Phase II, which included FM Radio Control of air conditioning, heat, and hot water heaters in various post buildings, was made operational to include the interface with the central computer installed under Phase I. Phase III EMCS design was started and is expected to be complete and under contract by mid 1983. The operational portions of Phases I and II have already proven to be valuable aids in reducing energy consumption.

The final increment of the Basewide Energy Study being performed by Black and Veatch Consulting Engineers was completed with final presentation of study to be made in early 1983. This study will be the source of valuable information in planning future energy management action and ECIP projects. Three Energy Conservation Investment Program (ECIP) projects, which resulted from the initial increments of the study, were completed in FY 82. These were the insulation, weather-stripping, and storm windows in temporary buildings, steam plant modifications, and the FM control system mentioned above. Construction was started on another ECIP project resulting from the study, the Solid Waste Burning Incinerator Facility, with construction to be completed in mid 1983. All these projects are aimed at making the most efficient use of energy as possible.

The Energy Conservation Program, administered by the Utilities Division with director and command emphasis, was again exceptionally successful in FY 82. After being number one in TRADOC in FY 81 with savings 8.2% below the goal, Fort Rucker was awarded third place in the Secretary of the Army Energy Awards Program. During FY 82, the post exceeded the FY 81 performance with 11.1% below the goal. As a result of this savings, the installation will receive \$1.2 million in cost avoidance funding to be used at the command's discretion and should again be in the running for the Secretary of the Army Energy Award.

## **HOUSING DIVISION**

#### MISSION:

Provides centralized management of all housing functions of the installation to include determination of family and bachelor housing requirements; programming and budgeting; utilization of on-post housing to include both family and bachelor; and maintenance of furniture and furnishings property books for family housing; bachelor housing, and troop barracks.

#### ORGANIZATION:

The Housing Division is composed of three branches.

Family Housing Branch  
 Billeting Branch  
 Furnishings Management Branch

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mrs. Myree P. Puccio	Division Chief	Entire Year
Miss Patricia A. Sales	Chief, Family Housing Branch	Departed - 30 Mar 82
Miss Annette S. Mosley	Chief, Family Housing Branch	1 Apr 82 - Present
Miss Patricia A. Sales	Chief, Billeting Branch	1 Apr 82 - Present
Miss Annette S. Mosley	Chief, Billeting Branch	Departed - 30 Mar 82
SFC Lowell D. Tharpe	Chief, Furnishings Management	Departed - 26 Apr 82
Mr. Paul C. Wheeler	Chief, Furnishings Management	26 Apr 82 - Present

## ACCOMPLISHMENTS:

During 1982, the Family Housing Branch terminated 877 sets and assigned 876 sets of on-post quarters; one set was in maintenance. This represented a turnover rate of 57.89% during 1982.

The average occupancy rate for all on-post family housing units for the year was 99.75%.

At the end of 1982, the Housing Referral Office (HRO) listing consisted of 6,540 units, 6,293 rentals, and 247 sales. During 1982, HRO processed 3,279 service members, 2,792 requested assistance, and 2,518 were housed as a result of HRO assistance.

HRO issued 269 DD 1747s to personnel applying for loans for home purchases during the year.

A permanent off-post housing inspector position was established in HRO 3 October 1982. Continued improvements in the quality of housing listed have resulted from this inspection program.

During 1982, contracts were awarded for--

- Mowing grass, Housing Areas 1-12 April 1982.
- Fertilizing of lawns, Housing Areas 1-13 April 1982.
- Installing new playground equipment, Housing Areas 1-12 July 1982.
- Repairing by replacement - old playground equipment, Housing Areas 1-12 July 1982.
- Building maintenance and repair, Housing Areas 1-13 August 1982.
- Interior painting, floor refinishing, and replacement of folding doors, Housing Areas 1-13 February 1982.
- Restoration of fire-damaged unit, 29 Foster Circle, April 1982.
- Restoration of fire-damaged unit, 21 Mann Street, September 1982.
- Replacing deteriorated power poles, crossarms, etc., Housing Areas 1-12 June 1982.
- Replacing missing, dead, or dying shubbery, Housing Areas 1-12 October 1982.
- Grading yards and replacing sod, Housing Areas 1-12 September 1982.
- Energy Conservation Projects awarded for installation of storm windows, Housing Areas 1-12 September 1982.

All furnishings requirements in support of modernization Project 229 were received during 1982.

A total of 345 desks were repaired through the maintenance and repair program in support of BOQ spaces during 1982.

In continuing effort to upgrade the facilities of Unaccompanied Personnel Housing (UPH), a total of \$387,100 was expended during 1982 to replace 350 sets of furniture (beds, desks, wardrobes--etc.).

The DA established utilization rate of 65% for Visiting Officer Quarters was exceeded by 3%. A drop of 1% utilization of these quarters since last year was experienced because rooms were held down to meet housing requirements for the AASPR, the US Army Aviation Policy Committee Meeting and Training Symposium, and the 40th Army Aviation Celebration. Also, 80 rooms were down 1 October - 31 December 1982 for maintenance and repair. The overall utilization of total facilities was 77%. Utilization by category was as follows:

Visiting Officers Quarters	68%
Senior Enlisted Bachelor Quarters (SEBQ)	91%
Bachelor Officer Quarters (BOQ)	94%
Distinguished Visiting Quarters (DVQ)	36%
Geographical Bachelor Officer Quarters	96%
Geographical Bachelor Enlisted Quarters	77%

During 1982, the Billeting Branch supported 15 conferences/symposiums and 390 aviation-related training courses. Certificates of nonavailability issued (4,437 - up 1,743 from last year) reflect the installation's inability to house transient personnel.

During 1982, the furnishings in the Visiting Officer Quarters (240 rooms) were upgraded with hotel/motel modular style furnishings which included beds, chests, desks, chairs, tables, and mirrors (\$172,800). Also, the beds in 348 bachelor and geographical bachelor officer quarters and 40 bachelor enlisted quarters were replaced.

# DIRECTORATE OF RESOURCE MANAGEMENT

## MISSION:

Serves as the Commanding General's principal staff officer for overall financial management, manpower management, United States Army Aviation Center (USAAVNC) organization and approved management programs. Plans, directs, and controls the programming and budgeting, force development and manpower, management analysis and improvements, review and analysis, accounting and disbursing, and internal review responsibilities of USAAVNC. Provides a variety of financial and management services to assist in obtaining, managing, and controlling USAAVNC resources. Develops and provides to higher headquarters cost analysis data on student training and support systems as required. Manages the Commercial Activities (CA) Program for the installation. Provides analyses of mission and program accomplishment and of resource availability and utilization as basis for management decisions. Manages the USAAVNC manpower program, to include preparation and maintenance of Tables of Distribution and Allowances (TDAs)/Modification Tables of Organization and Equipment (MTOEs), in the review and assessment of current and future manpower and equipment utilization. Controls the civilian hire program. Directs and accomplishes the Army Authorization Document System (TAADS) for the installation. Prepares and maintains the USAAVNC Organization and Functions Manual. Manages the US Army Training and Doctrine Command (TRADOC) Management Information System (TRAMIS). Serves as the Career Program Manager for the Comptroller and Manpower Management Career Programs. Exercises direct supervision over budgeting and funding activities, cost analyses, financial services, accounting and disbursing, internal review, automated data systems, audit procedures, manpower and equipment activities, force structure management, statistical reporting and management analyses. Exercises staff supervision over Nonappropriated Fund Central Accounting Branch (NAFCAB). Provides input to higher headquarters regarding the Foreign Military Sales (FMS) Program.

## ORGANIZATION:

The Directorate of Resource Management (DRM) is organized into the following subdivisions:

- Administrative Office
- Cost Analysis Division
- Force Development Division
- Management Analysis Division
- Internal Review Division
- Program and Budget Division
- Finance and Accounting Division

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Frank S. Reece	Director	Entire Year
Mr. Danny L. Wright	Deputy Director	Entire Year
Mr. Roy Locklar	Installation Accountant	Entire Year
Mr. Kenneth E. Jackson	Systems Accountant	Entire Year
Mrs. Elizabeth A. Potts	Administrative Officer	Entire Year

Colonel Frank S. Reece attended the US Army Forces Command (FORSCOM) Financial Management Conference 30 Mar 82, in Atlanta, GA. FORSCOM financial management policies and plans for the future was the forum presented for discussion.

Colonel Frank S. Reece attended the Reserve Management Conference 4-7 May 82, at Norfolk, VA. The TRADOC Deputy Chief of Staff, Resource Management (DCSRM) issued guidance to attendees concerning future operational TRADOC policies for budget and manpower resources.

Mr. Danny L. Wright attended the American Society of Military Comptrollers, 18-20 May 82, at New Orleans, LA. The conference agenda included an update of financial management philosophies and operational concepts for use throughout the Department of Defense.

Colonel Frank S. Reece served as a case moderator for the Financial Management Case Studies presented at the Brigadier General Orientation, 23 Aug 82, in Washington, DC. Attendees were provided current concepts and understanding of installation financial management responsibilities.

Mr. Danny L. Wright represented Fort Rucker at the Association of Military Banks of America conference 7-13 Sep 82, at Jackson, WY, where proposed changes to banking services provided military installations were presented to attendees.

Colonel Frank S. Reece served as escort officer for Brigadier General Donald R. Morelli, Deputy Chief of Staff, Doctrine, TRADOC, Fort Monroe, VA. The purpose of the visit was to seek comments/considerations for a proposed change in operational concepts to the TRADOC School Model 76.

### ***COST ANALYSIS DIVISION***

#### MISSION:

Plans and develops methods, systems, and actions to produce cost estimates for student training courses taught at the USAAVNC and the support systems utilized in USAAVNC training. Provides cost estimates to the USAAVNC Command Group and TRADOC. Manages the Commercial Activities (CA) Program for TRADOC activities at the installation.

#### ORGANIZATION:

The authorized strength is six civilians and one military augmentation space; the assigned strength is six civilians including one DA Intern Accountant.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Walter E. Akridge	Chief	Entire Year
Mr. Eugene R. Walton	Commercial Activities Program Manager	Entire Year
CPT Marc Snyder	Cost Analyst Staff Officer	Dep - 30 Jun 82

#### ACCOMPLISHMENTS:

##### Reports

The following reports were completed by the Cost Analysis Division during 1982 and forwarded to the appropriate headquarters as follows:

TRADOC - FY 81 Cost and Analysis Program (RCS ATRM-54) was provided TRADOC on 19 Jan 82.

TRADOC - FY 81 Cost and Analysis Program (RCS ATRM-159) was provided TRADOC on 10 Feb 82.

TRADOC - FY 82 Cost and Analysis Program (RSC ATRM-54) was provided TRADOC on 16 Nov 82.

The FY 82 US Army Forces Command (FORSCOM) - Analysis of Operational Costs (RCS AFCO-54) was provided FORSCOM 19 Nov 82.

Above reports were used in developing course costs and cost and manpower estimating relationships at the USAAVNC.

Feeder data for the FY 84 DOD Base Structure Annex (BSA) was provided TRADOC on 16 Nov 82.

Resource requirements to support Force Modernization at USAAVNC during FY 85-89 were provided FORSCOM and TRADOC in the Modernization Resource Information Submission (MRIS) on 19 Nov 82 and 9 Dec 82, respectively.

## Commercial Activities (CA)

Preparation and submission of the FY 82 Inventory of Commercial Activities (RCS-DD-M(A)-1540) was required earlier than in prior years. Instructions were received in Aug 82 and the HQ, TRADOC, suspense date was 17 Sep 82. The report had to reflect actual costs for three fiscal quarters plus an estimate of fourth quarter costs. The inventory showed a total of 39 separate functions managed under the CA Program. Eleven of these functions were totally done in-house, 19 were done in-house with some contract support, and nine were done totally by contract. Operating cost of the in-house contract support functions was \$36,813,000, and the cost of the full contract functions was \$59,036,000, plus \$12,143,000 for supplies furnished to contractor and \$1,488,000 in contract admin cost.

In Nov 81, USAAVNC submitted a Commercial Activities Proposed Action Summary (CPAS) for a scheduled CA review of DIO in FY 84. This CPAS recommended a delay of the review for 2 years because of the forecast separation of 82 blacks in DIO which would impair our compliance with the Consent Decree. In Oct 82, USAAVNC was tasked to prepare a new CPAS for DIO as an FY 85 review with a due date of 17 Dec 82. Thus, USAAVNC was granted a 1-year delay in the review as opposed to the 2-year deferral requested. A TRADOC letter dated 19 Nov 82, confirmed the 1-year delay. Our most recent assessment of the impact on Consent Decree compliance forecast the separation of 84 blacks in DIO if the CA review results in a conversion to contract performance. However, the Consent Decree period will end in Mar 85 and no valid impact can be assumed at this time. The CPAS was submitted 18 Dec 82.

Also in Nov 82, USAAVNC was tasked to prepare a CPAS for the installation Automated Management Office for an FY 85 CA review. The CA Mgt Ofc at HQ, TRADOC, advised that the actual fiscal year for review completion will be directed later by US Army Computer Systems Command because of ADP system changes associated with Project VIABLE. The CPAS was to be used for planning purposes at HQ, TRADOC. USAAVNC action was completed on 18 Dec 82.

On 22 Dec 82, USAAVNC received a letter from HQ, TRADOC, granting authority to reschedule the CA review of DEH from FY 85 to FY 86.

## STUDIES

On 6 Aug 82, US Army Forces Command (FORSCOM) tasked TRADOC to provide Case Study and Justification Folder (CS&JF) documentation for the planned relocation of the 108th Quartermaster and 416th Transportation Companies. The Cost Analysis Division developed subject cost data for the CS&JF documentation during Aug-Nov 82. Data was provided TRADOC 12 Nov 82.

On 2 Feb 82, DOTD requested DRM to conduct an economic analysis on OV-1 Pilot Training Consolidation. This requirement was initiated by TRADOC in Aug 81. Analysis was conducted via coordinated effort between the USAAVNC and US Army Intelligence Center, Ft Haachuca, AZ. It was completed in Jul 82. The study was terminated Sep 82.

During the period 13-17 Dec 82, the Interservice Training Review Organization (ITRO) 222/2G Air Traffic Control ATC Task Group requested DRM to participate in the ITRO Phase III study of the Army/Air Force Air Traffic Control Training Consolidation Study at Keesler AFB, MS. Cost Analysis Division provided necessary cost data for the Army training to the ITRO Cost Subcommittee. Work was accomplished at Keesler Air Force Base, MS.

## **FORCE DEVELOPMENT DIVISION**

### MISSION:

Exercises functional responsibility for manpower, organization, force structure, and equipment. Develops policy, plans, procedures, and directives affecting the allocation, control, and utilization of manpower and equipment resources. Develops and manages the USAAVNC manpower program, directs, and accomplishes installation of TAADS for the USAAVNC and controls civilian hire program.

### ORGANIZATION:

The authorized strength is 12 civilians; the assigned strength is 14 civilians including two Management Analyst Interns.

KEY PERSONNELPOSITIONARRIVAL/DEPARTURE DATES

Mr. Howell L. Flowers

Chief

Entire Year

ACCOMPLISHMENTS:

Mobilization Table of Distribution and Allowances (TDA): USAAVNC manpower requirements were formulated and TDAs developed to support mobilization missions, as assigned by HQ, TRADOC, and HQ, FORSCOM. Manpower staffing criteria for the requirement was provided by DA and TRADOC for use in justifying appropriate personnel needs. The USAAVNC submission received HQ, TRADOC, approval during 4th Qtr, FY 82, and was added to the ITAADS data base for use in evaluating mobilization actions.

Study to Relocate the 108th Quartermaster (QM) and 416th Transportation (Trans) Companies: At FORSCOM direction, a Case Study and Justification Folder (CS&JF) was developed to identify and evaluate the impact of a planned relocation of the 108th QM and 416th Trans Companies. Tentative results of this action identified a need to relocate the 416th Trans Co to Fort Stewart, GA, and to transfer a reduced platoon of the 108th QM Co would continue to be assigned to Fort Rucker. Final decision is pending DA approval.

Command Grade Ceilings: In support of the Defense Officer Personnel Management Act (DOPMA), TRADOC imposed tentative Command Military Grade Ceilings for implementation and TDA documentation. In summary, imposed ceilings will result in the possible downgrading of three O6 positions to O5, five O5 positions to O4, five O4 positions to O3, and thirty-five O3 positions to O2. Guidance concerning implementation is expected 2d Qtr, FY 83.

OV-1 Pilot Training Consolidation Study: At TRADOC direction, USAAVNC and USAICS representatives complete action to identify benefits and/or impacts concerning the consolidation of OV-1 training either at Fort Rucker, AL, or Fort Huachuca, AZ. The study was discontinued at DA direction since no significant benefit or manpower saving could be realized if consolidation occurred.

Interservice Training Review Organization (ITRO): Manpower requirements were formulated to complete Phase III or an ITRO Study which evaluates the impacts and benefits to be derived if Army Air Traffic Control (ATC) Training is consolidated with the Air Force. Option 22 studies the consolidation of all Army ATC training including service unique training at Keesler Air Force Base, Mississippi. Option 22A evaluates the consolidation of all common training at Keesler AFB, but retains all Army service unique training at Fort Rucker. Final decision on the study is expected during 3d Qtr, FY 83.

Manpower Staffing Standards: As part of the Army's effort to develop statistical standards to determine manpower requirements, HQ, TRADOC, personnel completed the work measurement phase of the Training Elements Study during the period 7-24 Sep 82. This part of the study obtained and formulated data to develop new staffing standards for service school instructors. Data gathered is scheduled for trial application during 2d Qtr, FY 83. The new standards will provide the Army with meaningful data to better defend its manpower needs before high level Department of Defense officials and Congressional committees.

General Support Forces (GSF) Civilian Substitution: During FY 82, higher headquarters announced plans to implement a two-phased Civilian Substitution Program. In compliance with Phase I objectives, the USAAVNC identified 25 field grade officer positions for conversion to civilian during FY 83. Phase II of the action, which was not restricted and included positions of all categories and grades (officer, warrant officer, and enlisted), identified 81 additional positions for conversion. Phase II is scheduled to be completed in FY 84. A significant reduction in the gap between authorized and assigned military personnel will be realized after both phases of the study have been implemented.

Civilian Replacement for Borrowed Military Manpower (BMM) and Troop Diversions: To improve near term readiness, the Army received a significant increase in civilian allocations to replace the use of BMM and Troop Diversion manpower. Initially the USAAVNC received 206 civilian spaces as its part of the program. This number was later reduced to 108 positions. To insure compliance with rules of the action, an on-site review to evaluate the distribution and utilization of these spaces was conducted by TRADOC. Continuous monitorship during FY 83 is required.

Manpower for New Systems: As a result of the Army Force Modernization Program, the USAAVNC received manpower resources to accomplish work loads associated with the fielding of five new

systems. Each system and associated manpower received is listed below. The resources were distributed locally and included on TDAs submitted during the Jul-Sep update cycle.

<u>SYSTEM</u>	<u>OFF</u>	<u>WO</u>	<u>ENL</u>	<u>CIV</u>	<u>TOTAL</u>
UH-60	4	19	3	6	32
AH-64	11			2	13
HELLFIRE	5			3	8
CH-47D	2			3	5
OH-58C	1		2	8	11
	23	19	5	22	69

### **INTERNAL REVIEW DIVISION**

#### MISSION:

Exercises staff supervision over the installation internal review program. Performs internal reviews of appropriated fund activities and audits of nonappropriated fund instrumentalities. Exercises staff supervision over and coordinates visits by external audit agencies. Investigates calls received on the local LOSS hotline. Prepares semiannual reports regarding implementation of audit recommendations and major audit/review activities.

#### ORGANIZATION:

The authorized strength is ten civilians; the assigned strength is nine civilians including one male minority journeyman auditor, one female minority United States Army Aviation Center (USAAVNC) Intern, and one female minority in the Cooperative Education (Co-op) Program.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Kenneth D. Barrett	Chief	Arr - 8 Feb 82
Mr. Don W. Phillips	Chief	Dep - 8 Feb 82
Mr. Woodrow J. Farrington	Senior Auditor	Dep - 28 Mar 82
Mr. Don W. Phillips	Senior Auditor	Arr - 11 Apr 82

#### ACCOMPLISHMENTS:

The Internal Review Division initiated 17 internal reviews of appropriated fund and six audits of nonappropriated fund activities; performed six follow-up reviews/audits and took appropriate action on five calls received on the local LOSS hotline; monitored 18 external audit agency visits/contacts; and performed 25 administrative projects including a project to assess the internal control vulnerability of areas most susceptible to fraud, waste, and mismanagement as directed by the Office of Management and Budget, Department of Defense, Department of the Army, and the United States Army Training and Doctrine Command. Special emphasis was placed on complying with United States General Accounting Office and the American Institute of Certified Public Accountants audit standards and analyzing internal controls in those areas reviewed/audited.

Reviews, Surveys, and Visits by the United States General Accounting Office (USGAO):

Survey of Use of Simulators to Sustain Training Effectiveness. The survey was initiated on 30 Mar 82 and completed on 15 Apr 82. A report was not issued to Fort Rucker.

Review of AH-64 and HELLFIRE Missile Program. The review was initiated on 5 Apr 82 and completed on 27 Apr 82. A report was not issued to Fort Rucker.

Survey of the Capability of Fire Support Systems to Perform Required Tasks on the Integrated Battlefield. The survey was initiated on 23 Apr 82 and completed on 24 May 82. A report was not issued to Fort Rucker.

Review of DOD's Plans to Improve and Acquire Theater Tactical Command and Control Systems - Surveillance, Warning, Target Acquisition, and Related Systems. The review was initiated on 30 Jun 82 and completed on 13 Aug 82. A report was not issued to Fort Rucker.

Response to Congressman Biaggi - OH-58A and OH-58C Programs. The review was initiated on 2 Jul 82 and completed on 13 Aug 82. A report was not issued to Fort Rucker.

Review of DOD's Capability to Conduct Operations on Urbanized Terrain. The review was initiated on 14 Jul 82 and completed on 13 Aug 82. A report was not issued to Fort Rucker.

Review of the Attack Helicopter Improvement Program. The review was initiated on 22 Jul 82 and completed on 18 Aug 82. A report was not issued to Fort Rucker.

Review of Year-End Spending. The review was initiated on 4 Oct 82 and completed on 8 Oct 82. A report was not issued to Fort Rucker.

Audits, Reviews, and Visits by the Defense Audit Service (DAS):

Review of Contractor Operated Parts Store (COPARS). The review was initiated on 2 Mar 82 and completed on 15 Mar 82. A report was not issued to Fort Rucker.

Review of the Use of Operational Support and Special Air Mission Airlift. The review was initiated on 3 Mar 82 and completed on 23 Apr 82. A report was not issued to Fort Rucker.

Review, Surveys, and Visits by the United States Army Audit Agency (USAAA):

Audit of the Army's Air Traffic Control Program. The audit was initiated on 13 Oct 81. Audit work was performed at Fort Rucker in Oct 81, Mar 82, and May 82. USAAA developed three tentative findings and recommendations as a result of the audit. Fort Rucker comments were provided to USAAA in Aug 82 and as of 31 Dec 82 no final report had been issued by USAAA.

Audit of Individual Training in Reserve Components. The audit was initiated on 19 Nov 81 and field work was performed at Fort Rucker in Nov 81 and May 82. USAAA identified one tentative finding as a result of the audit and Fort Rucker comments were provided in Jul 82 and Nov 82. USAAA's final report was issued to the United States Army Forces Command on 23 Dec 82.

Audit of Year-End Buying - FY 81. The audit was initiated on 14 Sep 81 and field work at Fort Rucker was completed on 20 May 82. USAAA issued a letter report to Fort Rucker on 29 Jul 82 which contained no findings.

Audit of Retail Stock Fund Management. The audit was initiated on 20 Apr 82 and was still in progress 31 Dec 82.

Audit of the Army's Energy Monitoring and Control Systems. The audit was initiated on 5 May 82 and completed on 1 Jun 82. A report was not issued to Fort Rucker.

Audit of Military Pay. The audit was initiated on 30 Jun 82 and completed on 13 Aug 82. A report was not issued to Fort Rucker.

Assist Audit of Base Line Cost Estimates. The audit was initiated on 20 Aug 82 and completed on 25 Aug 82. A report was not issued to Fort Rucker.

Audit of the Fort Rucker Club System. The audit was initiated on 14 Sep 82 and was completed on 14 Dec 82. A letter report which contained four minor findings was received and corrective action was initiated.

#### SHORTCOMINGS:

Nine internal reviews scheduled for accomplishment during 1982 were not accomplished because of higher priority unscheduled projects such as external audit agency liaison, Internal Control Vulnerability Assessments, and administrative taskings from higher headquarters. Loss of manpower and more stringent requirements regarding compliance with US General Accounting Office and the American Institute of Certified Public Accounts audit standards further reduced significantly the amount of audit/review time available. The reviews not accomplished in 1982 were rescheduled in the 1982 Internal Review Program.

## MANAGEMENT ANALYSIS DIVISION

### MISSION:

Conducts management analysis surveys/studies of US Army Aviation Center (USAAVNC) organizations and systems. Performs methods and standards (work measurement) studies. Administers the implementation of Department of Defense (DOD), Department of Army (DA), and Training and Doctrine Command (TRADOC) productivity improvement programs, including TRADOC Project SPIRIT (Systematic Productivity Improvement Review in TRADOC); DA Economies, Efficiencies, and Management Improvements (EEMI) Program; and the DOD/DA Productivity Capital Investment Programs: Quick Return on Investment Program (QRIP), Productivity Enhancing Capital Investment Funding (PECIP), and Office of Secretary of Defense Productivity Investment Funding (PIF). Coordinates the command review and analysis presentations and publishes the monthly and quarterly Command Performance Summaries. Administers the Management Information Control System for TRADOC units. Serves as the central coordinating activity at USAAVNC and the TRADOC Management Information System (TRAMIS). Complies actual and projected installation economic impact data.

### ORGANIZATION:

The authorized strength is nine civilians. The assigned strength is nine civilians including one DA Management Analyst Intern.

#### KEY PERSONNEL

#### POSITION

#### ARRIVAL/DEPARTURE DATES

Mr. Harry G. Howell

Chief

Entire Year

### ACCOMPLISHMENTS:

Management Analysis Studies/Surveys. Nine major management analysis studies/surveys were conducted in 1982: (1) Resource Management Operations of Directorate of Training and Doctrine; (2) Nonappropriated Fund Position Grades, Grading Procedures, and Classification Standards; (3) Facility Space Utilization and Physical Layout of Directorate of Training Developments; (4) Office Space and Physical Layout of Academic Records Units; (5) Personnel Administration Center of 4th Battalion; (6) Reorganization of Installation Security, Plans and Operations Office; (7) Army Community Services Branch; (8) Procedures and Staffing of Travel Section; and (9) Installation of Facility Level Communications Network in Non-Army and Air Force Exchange Service (AAFES) Facilities.

Productivity Capital Investment Programs. The pneumatic tube system for Finance and Accounting Division, a QRIP project for \$6,987, became operational on 7 Oct 82. Two additional QRIP projects for purchasing \$28,192 of word processing equipment for the 1st Aviation Brigade and Staff Judge Advocate were developed and submitted to TRADOC. On 31 Dec 82, these two projects had been administratively approved and were awaiting funding in FY 83. A PIF proposal for procuring four AH-1S armament systems procedures trainers at a total cost of \$1,711,719 was forwarded to TRADOC on 1 Jul 82. On 31 Dec 82, this proposal had been administratively approved at TRADOC, DA, and DOD and was awaiting funding for FY 84.

Project SPIRIT. This new TRADOC productivity improvement effort became effective 1 Oct 82. TRADOC's Action Plan was received in Sep 82. The Program Resource Advisory Committee for USAAVNC was briefed on the program's requirements and planned local implementation actions on 3 Nov 82. A detailed USAAVNC Support Plan was prepared and published on 1 Dec 82. Additional briefings were conducted in Nov and Dec 82 to inform USAAVNC operating personnel. These actions established the necessary framework for effecting Project SPIRIT in remainder of FY 83.

Review and Analysis. Twelve monthly and four quarterly Command Performance Summaries were published in 1982. Quarterly review and analysis briefings were presented to the Commanding General on 29 Jan, 26 Apr, 10 Aug, and 28 Oct 82. In Sep 82, the Commanding General directed that the installation work force be briefed on how well the USAAVNC did in meeting its major programs and goals in FY 82. "State of the USAAVNC, FY 82" was selected as the theme for the briefing. Four repetitions of the briefing were presented on 26 and 27 Oct 82 in the Post Theater. Personnel participating in the briefing included the Commanding General; Chief of Staff; Special Assistant to the Commanding General; Directors of Resource Management, Training and Doctrine, Training Developments, Industrial Operations, Engineering and Housing, and Personnel and Community Activities; Civilian Personnel Officer; Federal Women's Program Manager; Equal Employment Opportunity Officer; and Commander, US Army Aeromedical Center.

SHORTCOMINGS:

Productivity Capital Investment Programs. While three productivity capital investment projects for \$1,739,911 were submitted in 1982, Fort Rucker's participation in these programs was deemed less than optimal, especially when compared to the funding received by other TRADOC installations. Less than optimal participation resulted in lost opportunities to obtain funds for capital investments in equipment and facilities. The relatively low participation was attributed primarily to a reluctance by USAAVNC activities to make a commitment to achieve savings and to prepare the necessary project documentation.

Management Analysis Studies/Surveys. Accomplishment of this function was adversely affected by the need to divert substantial time to promotion of the Productivity Capital Investment Programs, implementation of Project SPIRIT, and training of career interns.

**PROGRAM AND BUDGET DIVISION**

MISSION:

Exercises staff supervision over the formulation, presentation, execution, and policy phases of the portion of the Army budget for which USAAVNC receives Funding Authorization Documents (FAD) from TRADOC/FURSCUM. Serves as focal point for the consolidation of fund requirements/justification for base operations/mission accounts.

ORGANIZATION:

The authorized strength is nine civilians; the assigned strength is 11 civilians, including one DA Intern, Budget Analyst; one USAAVNC Intern, Budget Analyst.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Geroge H. Broxson, Jr.	Chief	Entire Year
Mr. Jerry M. Lindsey	Senior Budget Analyst	Entire Year

ACCOMPLISHMENTS:

Installation Initial FY 82 Budget Contract. The Installation Initial FY 82 Budget Contract, a mutual agreement between the Commander of TRADOC and the Installation Commanding General, was signed and transmitted to HQ, TRADOC, 2 Feb 82 and considered a total Operation and Maintenance, Army (OMA) obligation authority of \$189,802.6. The Installation Contract summarized both funding and manpower resources with which the Commanding General agreed to accomplish his stated work load for FY 82.

Budget Execution Review (BER). In Mar 82, the Program and Budget Division developed and transmitted to HQ, TRADOC, the FY 82 BER. The BER was a major budget report that considered the USAAVNC execution experience for the first 4 months of FY 82 plus a program for the remaining 8 months. The BER reflected an OMA hard-core fund requirement of \$211,461,900.

Installation Mid-Year FY 82 Budget Contract. The Installation Mid-Year 82 Budget Contract was signed and transmitted to HQ, TRADOC, 27 May 82 and considered a total OMA obligation authority of \$205,143,200.

Command Operating Budget (COB). In April and May 1982, the Program and Budget Division developed and transmitted to major commands the installation FY 83 COB. The COB, a comprehensive budget report, contained the installation's detailed operating program, provided data to support the Army's apportionment request, and established the basis for developing annual funding programs.

Draft Installation FY 83 Budget Contract. The Draft Installation FY 83 Budget Contract was transmitted to HQ, TRADOC, 5 Nov 82 and considered a TRADOC OMA obligation authority of \$218,383,900 which was \$7,853,100 less than the USAAVNC stated requirement of \$266,237,000.

FY 82 Budget Actions:

Funding in effect during FY 82 was adequate for mission accomplishment. FY 82 actual obligations were as follows:

<u>APPROPRIATION</u>	<u>AMOUNT</u>
OMA (TRADOC)	\$201,996,127
FHMA	3,942,246
RDTE	2,925,031
RPA	254,571
OMA (FORSCOM)	2,430,652
OMAR	1,445,135
OMARNG	1,560
TOTAL	\$212,995,322

FY 83 Budget Actions:

The FY 83 COB furnished TRADOC AND FORSCOM in May 82 considered fund requirements for FY 83 as follows:

	<u>OMA</u>	<u>RPA</u>	<u>FHMA</u>	<u>RDTE</u>	<u>WILDLIFE</u>	<u>OMAR</u>	<u>TOTALS</u>
TRADOC	\$237,546,000	\$398,900	\$4,785,900	\$2,510,000	\$67,100	-0-	\$245,307,900
FORSCOM	3,472,400	-0-	-0-	-0-	-0-	\$1,539,400	5,011,800
							TOTAL \$250,319,700

As of 31 Dec 82, the TRADOC Installation FY 83 Budget Contract, which outlines objectives to be accomplished within available resources, had not been signed. FY 83 resources made available by the Budget Contract were--

<u>APPROPRIATION</u>	<u>TRADOC</u>	<u>FORSCOM*</u>
OMA	\$220,576,700	\$3,564,300
FHMA	4,753,000	-0-
UMAR	-0-	-0-
RPA	300,000	1,473,200
RDTE	2,115,600	-0-
ASF	71,179,000	-0-
TOTALS	\$298,924,300	\$5,037,500

\*Contract was not required by FORSCOM. Above figures were derived from Finance and Accounting Division (FAD).

The financed FY 83 training loads furnished in the TRADOC Installation Budget Contract were as follows:

	<u>US</u>	<u>NATO</u>	<u>FMS</u>	<u>IMET</u>	<u>TOTAL</u>
FLIGHT (TOTAL)	(1607)	(41)	(9)	(9)	(1666)
Undergraduate	1329	38	6	6	1379
Graduate	278	3	3	3	287
NON-FLIGHT (TOTAL)	(910)	(1)	(2)	(3)	(916)

### **FINANCE AND ACCOUNTING DIVISION**

#### MISSION:

Exercises direct supervision and administrative control over public fund disbursements and appropriated and nonappropriated fund accounting functions. Exercises staff supervision over the Post Savings Bond Program. Operates a Class B Agent Office at Camp Shelby, MS, in support of Army Reserve Components Annual Field Training.

ORGANIZATION:

The authorized strength is two officers, 41 enlisted military, and 113 civilians; assigned strength is six officers, 54 enlisted military, 119 civilians, including ten Nonappropriated Fund personnel, one student trainee, and five student aides. The Finance and Accounting Division consists of the following branches:

- Quality Assurance Branch
- Quality Edit Branch
- Data Conversion Branch
- Pay/Exam Branch
- Accounting Branch
- Disbursing Branch
- Nonappropriated Fund Central Accounting Branch (NAFCAB)

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Oscar A. Faulkenberry	Finance Officer	Arr - 6 Jan 82
MAJ Walter M. Oberst	Finance Officer	Dep - 1 May 82
Mr. Donald B. Wilson	Deputy Finance Officer	Entire Year
SGM Paul E. Schilling	Chief, Finance Operations	Arr - 14 Jun 82
SGM William F. McRae	Chief, Finance Operations	Dep - 24 Aug 82
CPT Abraham Scott	Chief, Quality Assurance Branch	Dep - 13 Aug 82
CPT Dewey E. Wallace	Chief, Quality Assurance Branch	Assigned 21 Aug 82
	Chief, Pay & Exam Branch	1 Jan - 13 Jun 82
	Class B Agent, Camp Shelby, MS	14 Jun - 20 Aug 82
CPT Ruffin Mitchell, Jr.	Chief, Pay & Exam Branch	Assigned 14 Jun 82
Ms. Helen B. Kelley	Chief, Quality Edit Branch	Entire Year
Mr. Eugene Calhoun	Chief, Data Conversion Branch	Entire Year
Mr. Frank L. Schlager	Chief, Accounting Branch	Entire Year
Mr. Joseph T. Pouncey	Chief, Disbursing Branch	Entire Year
Mr. Floyd E. Rodgers	Chief, NAFCAB	Dep - 21 Jun 82
Mr. Woodrow J. Farrington	Chief, NAFCAB	Assigned 1 Jun 82

ACCOMPLISHMENTS:

A Class B Agent Office was operated at Camp Shelby, MS, during the period May - Aug 82. Disbursement made to Army Reserve and National Guard personnel at Camp Shelby amounted to \$10,386,000.00.

The FY 82 year-end closeout was accomplished in September/October 1982 with no difficulties encountered.

During Dec 82, Christmas partial payments were made to 206 military personnel in the amount of \$46,865.00.

Total CY 82 disbursements were \$348,572,269.95 and total collections were \$99,441,883.91, resulting in an average daily business of \$1,723,131.36.

Average monthly work loads accomplished included 4,878 travel vouchers processed; 8,176 personal financial records maintained; 23,338 cash payments, collections, checks, and bonds; 6,931 commercial invoices; 23,120 military pay changes; and 2,930 civilian personnel paid.

The NAFCAB average monthly operating expense was \$15,649.00. Of this amount, \$11,573.00 was charged to participating funds.

# AUTOMATION MANAGEMENT OFFICE



## MISSION:

The Automation Management Office (AMO) is responsible for the provision of overall installation Management Information Systems (MIS), automatic data processing resources, and operation of the Data Processing Center (DPC).

## ORGANIZATION:

The AMO has an authorized staffing of 54 civilian and 11 military personnel. Organization structure consists of the Office of the Chief comprised of the AMO, Automated Data Processing (ADP) Systems Security Officer, Office of Plans, Development, and Technical Support, and Data Processing Center. The DPC consists of Systems Analysis and Programming Branch, Aviation Systems Development Branch, and Machine Operation Branch.

### KEY PERSONNEL

### POSITION

### ARRIVAL/DEPARTURE DATES

MAJ Steve A. Baber	Chief, AMO	Entire year 1982
Mr. Rex Thompson	Chief, DPC	Entire year 1982
MAJ Kirk M. Knight	ADP Sys Security Officer	Feb 1982 to present
Mr. Thomas R. Long	Chief, Sys Anal & Prg Branch	Entire year 1982
Mr. Terry N. Bowden	Chief, Plans Dev & Tech Spt	Entire year 1982
Mr. Billy D. Strickland	Chief, Avn Sys Dev Branch	Entire year 1982
Mr. Joseph R. Danford	Chief, Mach Ops Branch	Entire year 1982

## ACCOMPLISHMENTS:

Projects initiated in 1981 to improve ADP support capability through acquisition of "state of the art" Direct Access Storage Devices (DASD), a communications controller for teleprocessing applications, autoloading magnetic tape units, and improved more reliable terminal devices for Northrop Worldwide Aircraft Services, Inc. (NWASI), the aircraft maintenance contractor, were completed in mid 1982. Result has been more responsive and dependable ADP support for mission related functions. All equipment replaced was reported under the government excess program for potential re-utilization by all Federal agencies.

The Standard Army Intermediate Level Supply System - Extended (SAILS-ABX) was implemented in the January - February 1982 time frame. Advance planning and dedicated efforts by all personnel involved in the implementation resulted in one of the smoothest conversions possible. The project was completed well ahead of schedule with a minimum disruption to the overall automation effort.

An additional building in the Donnell Shopping Center, Daleville, AL, was leased in July 1982 to house AMO personnel involved in programming. The new facility permitted consolidation of all software functions in the same building and relieving overcrowded conditions in the DPC. Further, the action allowed release of office space in the headquarters building.

Approval was obtained to acquire video terminal for programmer personnel to permit on-line access to the IBM 4341 computer system. Installation is scheduled to be completed in early 1983 and will increase productivity, improve efficiency, and enhance computer room security.

Major efforts were directed toward achievement of a readiness posture for implementation of Vertical Installation Automation Baseline (VIABLE) schedule for Fort Rucker in late 1983. Major Kirk M. Knight has been appointed as the VIABLE project officer for Fort Rucker. The initial on-site survey was conducted 14-16 December 1982 by representatives from US Army Computer Systems Command, TRADOC, and Electronic Data Systems (EDS), the contractor for the VIABLE project.

Higher headquarters approval was obtained for the exclusion of two large Fort Rucker unique automated systems from the initial extension of Project VIABLE. Aviation Information Management

System (AVMIS) and Northrop Worldwide Aircraft Services, Inc. (NWASI) require support on a three-shift, seven-day per week basis. Support available under VIABLE is limited to two shifts per day, five days per week.

### **PLANS, DEVELOPMENT, AND TECHNICAL SUPPORT OFFICE (PD&TSO)**

Three additional computer programmers were recruited under the Career Intern Program during early 1982. Since PD&TSO has responsibility for training functions within AMO, intern personnel were placed in that branch for completion of training agreements.

Disk Operating Systems (DOS), release 26, an antiquated operating system, was replaced by a current and more versatile operating system, Disk Operating System/Virtual Storage Extended (DOS/VSE). In addition, Virtual Machine (VM) 370 and DOS/VSE were installed on separate block multiplex channels to increase through-put and increase operating efficiency of the IBM 4341 computer.

The rental plan for the IBM 4341 and video console was converted to a Federal Lease to Ownership Plan (FLTOP) whereby ownership will pass to the government at the end of 5 years. The conversion to FLTOP will save approximately \$100,000 per year in rental costs.

Training was initiated for programmer personnel on Customer Information Control System (CICS) to facilitate conversion of Aviation Management Information System (AVMIS) to an interactive system.

### **SYSTEMS ANALYSIS AND PROGRAMMING BRANCH (SA&P)**

The implementation of SAILS-ABX generated a significant amount of additional work for SA&P personnel during early 1982. Work associated with extension of new ADP systems must be absorbed with existing resources while at the same time on-going ADP applications are maintained. Although three additional manpower requirements were recognized for this function in 1981, no manpower authorizations have been received.

Branch personnel were actively involved in providing training support for employees in various training programs such as Career Intern, Cooperative Education, and Federal Junior Fellowship.

Software support was provided during Proud Saber MOBEX 83. Results of the exercise substantiated the fact that automation support could be provided for Base Operations under wartime conditions, but could not support other mission requirements.

Major efforts were expended in the conversion of Standard Army Systems operating under Operating System (OS) from an IBM 360/50 computer to an IBM 4341. Actions permitted utilization of "state of the art" computer and Direct Access Storage Devices (DASD) resources.

### **AVIATION SYSTEMS DEVELOPMENT BRANCH**

With the approval of higher headquarters to exempt AVMIS from initial VIABLE conversion, action was initiated to study aviation training requirements with a view toward development of an interactive system to support these functions. It is anticipated that development will begin during 1983.

Training in the latest ADP technology including Data Base Management Systems (DBMS) was initiated for project personnel who will be involved in the AVMIS redesign/development effort.

### **MACHINE OPERATIONS BRANCH**

Changes/reconfiguration of major ADPE components during 1982 necessitated special considerations to minimize disruption to automation support. Additionally, training of operations personnel on the new hardware as well as a new operating system, DOS/VSE, was required to insure continuity of responsive automation support.

Operations personnel were heavily involved in planning and readiness actions associated with Project VIABLE. Site and facility requirements were major issues during the initial site survey conducted by VIABLE representatives in December 1982.

# DIRECTORATE OF RESERVE COMPONENTS



## MISSION:

Provides a single point of contact at Fort Rucker for coordination of training, administrative, and logistics support to authorized reserve claimants. Geographical area of responsibility for United States Army Reserve and Army National Guard units includes 20 counties in Alabama and 41 in Mississippi. Provides support to five Senior and 36 Junior Reserve Officer Training Corps units.

## ORGANIZATION:

The Directorate of Reserve Components functions under the Chief of Staff. The directorate is organized into the following functional areas: Plans and Training, Operations, and Program Management.

### KEY PERSONNEL

LTC Joseph W. Squire  
Mr. Milton Doggett  
Miss Martha Wilkes

### POSITION

USAR Advisor/Director  
Special Asst RC Liaison  
Program Analyst

### ARRIVAL/DEPARTURE DATES

Entire Year  
Entire Year  
Entire Year

## ACCOMPLISHMENTS:

The installation hosted a total of 16 units for annual training, with an aggregate strength of 1,130 personnel. Units included aviation, engineer, medical, a United States Army Reserve school conducting instruction for 120 warrant officers, and smaller units. A total of 33,479 man-days of weekend training was supported. Mobilization Designation Program was assigned a total of 60 mobilization designees. Forty-seven Individual Ready Reservists (IRR) were hosted for Mobilization Designee Program and 102 IRR were hosted for Counterpart training.

# PROVOST MARSHAL



## MISSION:

The Provost Marshal is the central point of contact for all Fort Rucker law enforcement activities. As such, the Provost Marshal is responsible for matters pertaining to the maintenance of order, physical security, non-felonious investigations, prevention of crime, and for the apprehension of violators of military law throughout Fort Rucker's area of responsibility. This area includes 79 counties in Alabama, Florida, and Mississippi.

## ORGANIZATION:

The Office of the Provost Marshal consists of the Provost Marshal Section and the Operations Section. The Operations Section is subdivided into--

- Administration
- AWOL Apprehension and Traffic Accident Investigation
- Physical Security
- Military Police Investigation
- Military Police Desk/Patrols
- K-9

The 141st MP Company supports the Provost Marshal's Office with personnel and logistics. The Modified Table of Organization and Equipment presently authorizes four officers and 80 enlisted personnel.

Carolina Security Patrol, Incorporated, is the contract security guard agency which provides all interior security for all airfields, ammunition supply points, money escorts, wildlife activities, and other sensitive facilities.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Thomas J. Regel	Provost Marshal	Entire Year
MAJ Gregory K. Gandy	Deputy Provost Marshal	Entire Year
CPT(P) Robert H. Wood	Admin Br/Co Cdr	Entire Year
CPT Bryan Gorczyk	OIC, Military Police Investigations	Entire Year
CPT William A. Brent	PM Operations Officer	Arr - Nov 82
1LT Barry S. Karet	PM Operations Officer	Dep - Nov 82
1LT Barry S. Karet	Asst Operations Officer	Arr - Nov 82
2LT Michael R. Nyberg	Asst Operations Officer	Dep - Sep 82
1LT Betty M. Gieseke	Asst Operations Officer	Arr - Aug 82
SGM Ed Smith	PM Sergeant Major	Arr - Sep 82
SFC Ralph E. Reed	PM NCOIC	Dep - Sep 82
SFC Ralph E. Reed	PM Operations NCO	Arr - Sep 82
SFC John McClain	PM Operations NCO	Dep - Sep 82
SFC John McClain	1st Sergeant, MPA	Arr - Sep 82
SFC Robert Blessing, Jr.	K-9 NCOIC	Entire Year
SSG Dennis M. Harlan	NCOIC, MP Investigations	Entire Year
SFC John Buchanan	NCOIC, Physical Security	Entire Year

ACCOMPLISHMENTS:

Fort Rucker military police responded to over 5,200 incidents in 1982. Of these 5,200 incidents, 912 are listed into four major categories:

Crimes of violence	15
Crimes against property	406
Drug suppression/apprehension	117
Traffic accident investigations	374

The response by military police in the performance of duties resulted in the initiation and administrative processing of the following:

DA Form 3975 (MP reports)	2,033
DD Form 1408 (Armed Forces Traffic Ticket)	5,029
DD Form 1805 (Federal Magistrate Ticket)	2,582
DD Form 3946 (Traffic Accident Report)	374
Post driving privilege suspensions	59

The AWOL Apprehension Section traveled more than 15,000 miles throughout 79 counties in the three state area. This resulted in the processing and return to military control of 169 absentees.

The Physical Security Section prepared, conducted, or responded to--

Unsecured building reports	193
Physical security inspections	165
Physical security surveys	20
Alarm activations	131

To complete these actions, the Physical Security Section traveled approximately 5,000 miles throughout Fort Rucker's three state area of responsibility. The Military Police Investigation Section investigated all non-felonious and certain felony crimes occurring on the installation. A breakdown of the major types of these cases follows:

<u>OFFENSE</u>	<u>SUBJECTS IDENTIFIED</u>	<u>CASES</u>
Assault	36	31
Larceny	147	349
Possession of Marijuana/Found Marijuana	92	96
Harassing/Obscene Phone Calls	2	33
Civil Cases	163	160
Housebreaking	7	22

Value of private property stolen and recovered--

<u>STOLEN:</u>	<u>RECOVERED:</u>
\$21,355.17	\$7,370.09

The Military Police Investigation Section established a team to visit military organizations and groups to provide current drug abuse information. The team, which consisted of MPI, K-9, and Operations personnel, covered such topics as identification of drugs and drug abusers, conducting inspections for drugs, use of the narcotic detector dog, and coordination with the appropriate post agencies.

The Military Working Dog Section "K-9" was approved early in CY 1982. Three additional dogs were authorized at Fort Rucker and were received in February, bringing the total to four. Two military police were sent to Lackland Air Force Base, Texas, for the basic patrol dog handlers course. One of these soldiers was an honor graduate. Canine teams have been providing MP support on the road with as many as 325 patrol hours and 50 hours of drug search per month. The K-9 Section has rendered assistance to civilian communities in searching for lost persons and has performed demonstrations for various groups including the Officer Friendly Program. The dogs have served as a psychological deterrent for service members and civilians who use and traffic in contraband and drugs on this installation.

The Juvenile Safety Program, better known as the Officer Friendly Program initiated in 1981, has developed an additional program, the Jr. Military Police Cadet Program. This program directly involves young people between the ages of 13 and 18 and is directed at learning about and enforcing laws and safety habits by performing as school crossing guards and assisting military police in routine administrative duties. At a time when most cities and posts are experiencing a rise in juvenile crime, this installation had a significant drop in juvenile crime from 58 in 1981 to 44 in 1982. This decrease is directly related to the Officer Friendly Program. The Officer Friendly Program has sponsored many functions for youth during CY 1982. Among those were the Wiregrass Christmas Party with about 3,000 youth from the Ozark, Daleville, Enterprise, and Dothan area attending. They also sponsored a "Drug Awareness Day," a "Haunted House" at Halloween, youth dances, skate parties, swimming parties, and field trips. Fund raising events were held to help pay for the parties - among these - car washes, bake sales, and watermelon sales. An official state resolution passed by the Alabama legislature and signed by the governor was presented to Sergeant Carl K. Cannon, Officer Friendly, for the outstanding services rendered to the youth of the Wiregrass community.

# OFFICE OF ACCIDENT PREVENTION



## MISSION:

Reduce and keep to a minimum manpower and material losses due to accidents, thus providing a more efficient utilization of personnel and equipment.

## ORGANIZATION:

The Office of Accident Prevention, with its subordinate element, the Aircraft Accident Investigation Board, remains under staff supervision of the Chief of Staff.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. John S. Hickey, Jr. CPT Richard L. Gill	Chief President, Aircraft Accident Investigation Board	Entire Year 13 Apr 81 - 22 Oct 82
CPT Karen L. Habitzreuther	President, Aircraft Accident Investigation Board	26 Oct 82 - Present

## ACCOMPLISHMENTS:

Accident statistical rates reflected minor increases at Fort Rucker during FY 82 with the exception of the Class A aircraft mishap rate which was considerably lower than FY 81. Fort Rucker FY 82 accident rates remained lower than Department of the Army rates in all categories.

	<u>DA</u> <u>FY 82</u>	<u>Ft Rucker</u> <u>FY 82</u>
Class A aircraft mishap rates per 100,000 hours flown	3.67	.73
Military disabling injuries per 200,000 man-hours of exposure	0.26	0.21
Army civilian disabling injuries per 200,000 manhours of exposure	0.93	0.91
Army motor vehicle accidents per 1,000,000 miles driven	4.53	2.64

Standard Army Safety and Occupational Health Inspections (SASOHI) were conducted of US Army Aviation Center (USAAVNC) units, activities, and facilities; tenant organizations, and USAR units within the Fort Rucker area of geographical responsibility. These inspections identified 15 Occupational Safety and Health Act (OSHA) Category 2 and 3 hazards which warranted correction on a priority basis. Projects totaling \$55,750 have been forwarded to TRADOC for centralized funding to correct these hazards.

Implementation of a new US Army Training and Doctrine Command (TRADOC) survey program on Indoor Small Arms Ranges resulted in inspections of three USAR, five Senior ROTC and four Junior ROTC indoor ranges to insure compliance with required standards.

An improved awards program recognizing accident free flying hours was implemented. Over 500 Fort Rucker aviators received Certificates of Appreciation for their safety records.

The 2-year training program for two Safety Specialists (DA Interns) was completed.

## SHORTCOMINGS:

Even though the statistical rates presented under accomplishments compared well with DA, they were disappointing in that they reflect slight increases over the Fort Rucker FY 81 rates in all categories except Army Class A aircraft mishaps. The reason for these slight increases has not been identified; however, efforts have been taken to identify contributing factors and correct identified deficiencies.

# INSTALLATION SECURITY, PLANS AND OPERATIONS (IPSO)



## MISSION:

Responsible for monitoring, coordinating, and directing all installation level activity in--

- Operational security, military intelligence, and counterintelligence.
- Emergency and contingency planning and execution.
- Nuclear, biological, and chemical (NBC) defense activities.
- Operational activities involving two or more installation organizations.

## ORGANIZATION:

The ISPO is organized under a supervising chief with four subordinate action officers to include Security, Plans, Operations, and NBC.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Willard C. Goodwin	Chief, ISPO	1 Aug 82 - Present
LTC James R. Mellish	Chief, ISPO	Dep - 31 Jul 82
LTC Robert R. Parks	Deputy Chief, ISPO	15 Nov 82 - Present
MAJ Robert A. Eggleston	Chief, Operations	Dep - 31 Jul 82
MAJ John R. Wehr	Chief, Operations	1 Aug 82- Present
CPT George A. Heneveld	Operations Officer	Entire Year
MAJ John E. Ables	NBC Officer	26 Jul 82 - Present
Mr. Marion E. Hill	Chief, Security	Entire Year
Mr. William G. Parsons	Security Specialist	Entire Year
Mr. Donald L. Cline	Chief, Plans	Entire Year
MAJ Joseph L. Zeller	Mobilization Planner	Entire Year
Mrs. Joyce S. Johnson	Deployment Planner	Entire Year

## ACCOMPLISHMENT:

During this calendar year, the Intelligence Office processed 225 Personnel Security Investigations; issued and/or validated 3,869 security clearances; revoked or suspended 12 security clearances, and denied 5 requests for access to classified information; conducted 5,394 local files check; conducted 44 security inspections; prepared 68 classified reports UP AR 381-155 (U); and received, handled, and stored 3,291 classified documents.

The Plans Office prepared and published four regulations and nine standing operating procedures (SOP), as well as prepared and executed a number of contingency, emergency, and mobilization plans during calendar year 1982. The Emergency Operations Center (EOC) was officially activated on four separate occasions for a total 32 days (21 days of continuous operations). Numerous severe weather training bulletins were disseminated, one of which required preparatory EOC activation. Periodic tests of the radio communication and emergency TV notification system were conducted in conjunction with "full scale" tests of the air defense warning sirens. Specifically, the Plans Office accomplished or participated in the following significant events/activities:

From 19 Apr - 1 May 82, Plans Office conducted a Mobilization Exercise (MOBEX) with HHC, 3d TC Bde, from Anniston, AL, during their annual training at Fort Rucker. The exercise stressed personnel processing and transportation requirements involved with mobilization and deployment.

On 14 Jun 82, Plans Office personnel conducted a Mobilization and Deployment briefing for Major General Skinner, Cdr, 121st Army Reserve Command (ARCOM), Brigadier General Bugg, Deputy Commander, and 121st ARCOM key staff members. This briefing was conducted at 121st ARCOM, Birmingham, AL.

In Jul 82, the high frequency radio was installed in the EOC communications room to be used for the Training and Doctrine Command (TRADOC) Emergency NET.

On 10 Jul 82, US Army Aviation Center (USAAVNC) conducted outprocessing of the 282d Avn Co, an Army Reserve unit located on Fort Rucker, in preparation for their participation in REFORGER 82. Outprocessing the 282d Avn Co proved to be a worthwhile training exercise since it afforded USAAVNC the opportunity to evaluate our operational capability to outprocess and POR qualify personnel in the event of an actual deployment.

Emergency Operations Center was operational as required during Sep 82 in support of 46th Engr Bn participating in REFORGER 82. USAAVNC provided liaison to Fort Benning, GA, for deployment and redeployment operations. Plans Office submitted Deployment, Employment, and Mobilization Status (DEMSTAT) reports and message traffic via the Worldwide Military Command and Control Entry System (WES) Terminal to US Army Forces Command (FORSCOM) and other installations.

In Oct 82, the Continental United States Army Automated Management Information System (CAMIS) was installed in the EOC. CAMIS is designed to assist installations in personnel and equipment cross leveling and provides electronic mail service with commands assigned mobilization missions within First US Army area.

From 15 Oct - 5 Nov 82, participated in JCS Exercise PROUD SABER/MOBEX 83. As a result of the exercise, several mobilization and deployment plans and procedures were revised, exercised, and tested.

In Dec 82, the Air Defense Warning Siren System was upgraded with the installation of five new sirens and relocation of seven current sirens. Energy conservation funds in the amount of \$23,925 were used in this endeavor. The new system provides total coverage for the Fort Rucker main post, Cairns, Lowe, and Hanchey Army Airfields.

The Plans Office coordinated seven USAAVNC Emergency Deployment Readiness Exercises (EDRE) for the following United States Army Forces Command (FORSCOM) units: 46th Engr Bn, 427th Med Co, 108th QM Co, 416th Trans Co, 91st Engr Det, and conducted personnel outprocessing for Co D, 299th Avn Bn. The purposes of the Emergency Deployment Readiness Exercises were to evaluate the unit's capability to deploy within specified time frame and the installation's support capability.

Formal mobilization briefings were presented to the following distinguished persons:

Lieutenant General Donald E. Rosenblum, Commander, First United States Army, 15 Sep 82.

Major General Carl H. McNair, Jr., Commander, USAAVNC, 23 Aug, 1 Sep, and 10 Sep 82.

Major General Arthur E. Bown, Jr., Commander, Army Readiness and Mobilization Region IV, 4 Jan 82 and 16 Oct 82.

Major General Joseph R. Fant III, Commander, Army Readiness and Mobilization Region II, 30 Sep 82.

Brigadier General Charles E. Teeter, Deputy Commander, USAAVNC, 28 Jun 82.

Brigadier General Robert O. Bugg, Deputy Commander, 121st United States Army Reserve Command, 30 Oct 82.

Colonel Samuel c. Gambrell, Jr., DCS for Operations, Readiness, and Intelligence, 121st United States Army Reserve Command, 9 Apr 82.

Colonel Glenn W. Pohly, Special Assistant to TRADOC Chief of Staff for Mobilization HQs TRADOC, 26 Apr 82.

The Installation Nuclear, Biological, and Chemical (NBC) office was established by TDA #TCWOU9AA on 1 Jan 82 and collocated with the 1st Aviation Brigade. In Jul 82, this office was relocated to join the Installation Security, Plans and Operations organization located in the USAAVNC headquarters building. On 2 Dec 82, the mission and functions statement was approved by the Commanding General.

The Operations Office coordinated external requirements pertaining to Security Assistance programs, New Equipment Training, Annual Reserve Component and National Guard training, Army Training Evaluation Support and Command Post Exercises. United States Army Aviation Center provided equipment and personnel assets totaling 7,825 man-days to external organizations and provided technical support to 12 foreign countries and accomplished sensitive missions vital to national strategic interest.

The Operations Office conducted a comprehensive study of training ranges, and infrastructures in order to develop and modernize current ranges to meet active and Reserve Component pre-mobilization and post-mobilization requirements. The resultant 5-Year Range Plan will allow the modernization and construction of ranges that are threat oriented composed of modern remoted target systems and hardware that provides real time feedback on target engagement effectiveness. Range modernization will allow soldiers to train more realistically; therefore, increase readiness for accomplishing wartime and contingency missions as envisioned in FM 100-5, Operations.

An intensive USAAVNC Operational Security (OPSEC) program was finalized in Jun 82 with the approval of USAAVNC Supplement 1 to AR 530-1. This publication combines the pertinent requirement from five basic OPSEC publications.

The OPSEC Officer participated in two major staff studies concerning the expansion of the Fort Rucker training base; the Saudi Arabian Land Forces Army Aviation Program (SALF AAP), and Aviation training required as a result of the Foreign Military Sales (FMS) Program.

SHORTCOMING:

The goal of establishing an expanded ISPO on DPT/SEC organization was not achieved.

# DETACHMENT 9, 5TH WEATHER SQUADRON

## MISSION:

Detachment 9 provides operations weather services to the United States Army Aviation Center (USAAVNC) flying training mission 24 hours per day, every day of the year. This support includes 24-hour forecasting, complete meteorological watch of the local flying area, radar meteorological watch of the area within a 200 nautical mile radius of Fort Rucker, remote briefing service for specified limited hour weather stations, and severe weather forecasting and alerting for the Fort Rucker complex. Staff weather services are also provided to any USAAVNC agency as requested. These include climatological data reporting and specific weather forecasting for use in long and short range decision making.

Detachment 9 also supports a wartime commitment with weather officers, forecasters, and observers. They are tasked to deploy and provide weather support to Army field units. This requires Detachment 9 personnel to stay proficient in areas ranging from chemical defense to escape, evasion, and survival. Plus, they must be familiar with various worldwide meteorological patterns that may affect contingency areas. Finally, each Detachment 9 member must participate in at least one Command Post Exercise (CPX) or Field Training Exercise (FTX) annually.

A number of telecommunications systems are available at Detachment 9 for assistance in accomplishing the mission. The CONUS Meteorological Data System (COMEDS) is linked to a computer at Carswell AFB, Texas, where worldwide weather data is continually stored and updated. Such data is available to Detachment 9 forecasters within seconds. The Air Force Digital Graphics System (AFDIGS) enables Detachment 9 to receive graphic weather analyses and prognosis from the National Meteorological Center in Washington, DC, and from the Air Force Global Weather Center at Offutt AFB, Nebraska. A Unifac II Goes Receiver prints a photographic satellite picture every 30 minutes showing cloud and weather patterns in the Continental United States and in the western hemisphere. The closed circuit "Weathervision" network (one of the largest in the military) allows Detachment 9 forecasters to disseminate forecasts, weather warnings, MET-WATCH advisories, and briefings to all subscribing USAAVNC agencies. The pilot-to-metro radio service (UHF and VHF) permits a valuable exchange of information between the forecaster and the pilot in flight.

Operating Location Alpha of Detachment 9, located at Troy Municipal Airport, Alabama, provides weather observing support to the USAAVNC training mission 10 hours per day, 5 days per week.

## ORGANIZATION:

Detachment 9 is attached to the USAAVNC Directorate of Training and Doctrine for administrative, logistical, and staff support. USAF operational control channels are through 5th Weather Squadron, Fort McPherson, Georgia, to the 5th Weather Wing, Langley AFB, Virginia, to Headquarters Air Weather Service, Scott AFB, Illinois.

### KEY PERSONNEL

Maj Donald R. Hood  
Maj Kenneth F. Persin  
1Lt Kathy M. Long  
2Lt William D. Hall  
SMSgt Jerry D. Blunt  
MSgt Billy D. Longgear  
SSgt James B. Bennett

### POSITION

Commander  
Commander  
Staff Weather Officer  
Staff Weather Officer  
Station Chief  
Station Chief  
Chief, Administration

### ARRIVAL/DEPARTURE DATES

5 Aug 82 - Present  
Dep - 14 Aug 82  
Dep - 5 Nov 82  
22 Nov 82 - Present  
10 Sep 82 - Present  
Dep - 15 May 82  
Entire Year

ACCOMPLISHMENTS:

In January 1982, a time-sharing device was installed on the weathervision. This device divides time of transmission between 1-6 channel inputs. As a result, viewers can view products such as winds aloft, the local weather observation, the radar picture, and the satellite photo in 15 second bursts. This precludes calling the duty forecaster for continuous updates.

Major Persin, former detachment commander, contributed input on the weather affects to night vision in development of FM 1-204, "Night Flight Procedures and Techniques."

Developed a new Severe Weather Display (USAAVNC Poster 5) providing better threat analysis of severe weather in the Fort Rucker area.

In July 1982, Detachment 9 received two Radio Telepage beepers. This increased both operational and maintenance response to severe weather threats at Fort Rucker.

Seven forecasters and observers participated in WETRAIN 82, a field training exercise (FTX) conducted at Fort Benning, Georgia. This increased their knowledge of Army weather support and conditions expected in a field environment.

Sgt Willie Worsham and AIC Anthony DiBenedetto participated in REFORGER 82.

TSgt Mark Wheeler and AIC Raymond Sarrazin participated in QUICK THRUST 82.

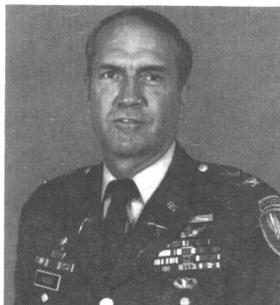
19,426 outbound pilot briefings (DD Form 175-1) were given in 1982.

3,911 closed circuit television weather briefings were prepared and presented in 1982.

502 terminal and area MET-WATCH advisories were issued for the local flying area.

44 point weather warnings were issued for areas within a 15-mile radius of Fort Rucker, or within a 5-mile radius of Troy Municipal Airport.

# 1ST AVIATION BRIGADE



## MISSION:

Exercises command over assigned and attached battalions. Provides administrative and logistical support to assigned units of the 1st Aviation Brigade. Directs operation, training, intelligence, and security activities within the brigade.

## ORGANIZATION:

The 1st Aviation Brigade consists of the 1st Battalion (administrative), the 4th Battalion (instructional), and the 6th Battalion (instructional). Attached to the 1st Aviation Brigade are the 46th Engineer Battalion (Combat) (Heavy) (augmented), and D Company, 229th Attack Helicopter Battalion.

### KEY PERSONNEL

### POSITION

### ARRIVAL/DEPARTURE DATES

COL David J. Allen	Brigade Commander	Entire Year
LTC Paul L. Joplin	Deputy Brigade Commander	Dep - 13 Apr 82
LTC Patrick W. Merten	Deputy Brigade Commander	14 Apr 82 - Present
MAJ John D. Cutting	Brigade S1	1 Jan - 20 Jul 82
MAJ Mark D. Fuller	Brigade S1	21 Jul 82 - Present
MAJ Donovan R. Cumbie	Brigade S2/3	Entire Year
MAJ Richard C. Cashon	Brigade S4	Entire Year
CSM James K. Brock	Command Sergeant Major	Feb 82 - May 82
CSM Donald H. Devine	Command Sergeant Major	31 Jul 82 - Present

## ACCOMPLISHMENTS:

The 1982 District Special Olympics was conducted on 17 April 1982 at the Physical Fitness Center with participants from Henry, Geneva, Dale, Pike, and Coffee counties.

Units of the 1st Aviation Brigade, to include the 98th Army Band, 46th Engineer Battalion, and 260th Field Artillery Detachment, participated in the annual Memorial Day ceremonies at Fort Rucker.

In recognition of the 40th Birthday of Army Aviation and Fort Rucker, the 1st Aviation Brigade was responsible for planning and conducting a celebration which was held on post from Thursday, 3 June thru Sunday, 6 June 1982. Events that were held on a daily basis included a combined carnival and bazaar, an Information Center, and an Aviation Museum Open House. Athletic events included a golf tournament on Thursday and the Golden Hawk 10K run on Friday. On Friday and Saturday, open houses were held at the Synthetic Flight Trainer Facility, US Army Safety Center, and the US Army Aeromedical Research Laboratory, along with a JROTC Drill Team Demonstration on the post parade field on Friday. The final event on Friday was a retreat and review by the 1st Aviation Brigade on the post parade field. On Saturday, events included a band concert, static displays, and an Army Aviation Air Display at Cairns Army Airfield. The new Army Aviation Museum site was dedicated, and a building in the Warrant Officer Career College was memorialized during the celebration. The Army Aviation Ball was held on Saturday evening at the Officers' Club. During Sunday, a brunch was held at the Officers' Club and a memorial service was conducted on the post parade field. This celebration was attended by more than 10,000 people from across the entire nation. Major support to all events was provided by all elements of the brigade.

Fort Rucker's 4th of July Independence Day Ceremony was held on the post parade field. Included in the celebration was the 1st Aviation Brigade. The 46th Engineer Battalion provided medical support, and the 98th Army Band played for the ceremony. The 260th Field Artillery Detachment fired a cannon salute as each state flag was presented by members of the 6th Battalion.

Units of the 1st Aviation Brigade including C Company, 509th Pathfinders; 6th Battalion; 46th Engineer Battalion; D Company, 229th Attack Helicopter Battalion; and the 260th Field Artillery Detachment provided a Tactical Training Exercise at Matteson Range on 18 August 1982. Open to the public, this provided a demonstration of the use of both ground and aircraft elements and their firepower in a combat situation.

HHC, A, B, C, and D Companies of the 46th Engineer Battalion participated in REFORGER '82 from 31 August - 6 October 1982.

The 1st Aviation Brigade personnel participated in Command Post Exercise Proud Saber/MOBEX '83 from 15 October - 5 November 1982.

On 23 October 1982, the 1st Aviation Brigade, with all battalions participating, marched in the 39th Annual National Peanut Festival Parade in Dothan, Alabama. Along with the 750 members who marched in the parade, a static display consisting of an OH-58 (Kiowa) and UH-1H (Huey) helicopter was also provided. The 260th Field Artillery provided two 2 1/2-ton trucks with towed howitzers.

The 1st Aviation Brigade conducted two Sportsfests, one in May and the second in November, which provided the opportunity for brigade personnel to compete in athletic events.

The 36th Annual National Veterans Day Parade on 11 November 1982 was supported by the 1st Aviation Brigade with a five member Color Guard; the 98th Army Band; and C Company, 509th Pathfinders, marching in Birmingham, Alabama.

The 1st Aviation Brigade's monthly blood drives collected in excess of 5,000 pints for the citizens for the tri-state region during the year.

# 1ST BATTALION



## MISSION:

Exercise command and control over all assigned/attached units and elements. Provides command and staff supervision of administrative functions, training, operations and security, and logistical support including rations and quarters for all assigned and attached personnel.

## ORGANIZATION:

The 1st Battalion, 1st Aviation Brigade, consists of the following units:

11th Company	98th Army Band (AB)
12th Company	141st Military Police Company (MP Co)
13th Company	260th Field Artillery Detachment (FA Det)
14th Company	Co C (PFDR/ABN) 509th Infantry

## KEY PERSONNEL

## POSITION

## ARRIVAL/DEPARTURE DATES

LTC John Bradley	Cdr, 1st Bn	Arr - 20 Aug 82
LTC Kenneth D. Loveless	Cdr, 1st Bn	Dep - 20 Aug 82
MAJ John E. Hall	XO, 1st Bn	Entire Year
CPT Froilan A. Saluta	Ch, 1st Bn	Arr - 16 Sep 82
CPT Jonathan Grant	Ch, 1st Bn	Dep - 16 Sep 82
1LT Matt V. Currier	S3, 1st Bn	16 Feb 82 - 8 Nov 82
1LT Mary L. Dobbins	Adj, 1st Bn	Entire Year
CSM Gean Hendrix	CSM, 1st Bn	Arr - 8 Nov 82
CSM Cecil M. Barbour	CSM, 1st Bn	5 Jul 82 - 8 Nov 82
1SG Colvin L. Dixon	CSM, 1st Bn	26 Apr 82 - 2 Jul 82
CSM Hulon Jackson	CSM, 1st Bn	Dep - 26 Apr 82
SFC(P) Ralph K. Jeffers	Opn NCO	Arr - 14 Jun 82
MSG Emil P. Adkins	Opn NCO	Dep - 18 Jun 82
SFC John Harrell	PAC Supv	Entire Year
SFC Clarence Stoudemire	DF Mgr	Entire Year
SSG Stephen E. Heindl	SAC Supv	Entire Year
SSG Thomas Eads	Reenlistment NCO	Entire Year
CPT David S. Prewitt	Cdr, 11th Co	Arr - 24 Sep 82
CPT Bruce R. Hill	Cdr, 11th Co	Dep - 24 Sep 82
2LT Tyrone Turner	XO, 11th Co	Arr - 1 Jul 82
1LT Calvin V. Olds	XO, 11th Co	Dep - 1 Jul 82
SFC Donald York	NCOIC Trans Det	Arr - 4 Jul 82
CPT Terry R. Council	Cdr, 12th Co	Arr - 17 Sep 82
CPT Russell A. Gallagher	Cdr, 12th Co	Dep - 17 Sep 82
1LT Suzzette B. Moulton	XO, 12th Co	Arr - 4 Oct 82
2LT Bonnie S. Covert	XO, 12th Co	Dep - 1 Oct 82
1SG Emory C. Wickline	1SG, 12th Co	Entire Year
CPT William F. Tanner	Cdr, 13th Co	Arr - 10 Dec 82
CPT William G. Ackerly	Cdr, 13th Co	Dep - 10 Dec 82
1LT D'Estaing Dobbins	XO, 13th Co	Arr - 20 Aug 82
2LT Shirley Whitfield	XO, 13th Co	Dep - 25 Jun 82
1SG James E. Roberson	1SG, 13th Co	Arr - 26 Apr 82
1SG Colvin L. Dixon	1SG, 13th Co	Dep - 26 Apr 82
CPT David L. Brice	Cdr, 14th Co	Arr - 16 Apr 82
CPT Alvin R. Sneckenberger	Cdr, 14th Co	Dep - 16 Apr 82
2LT Freddie Williams	XO, 14th Co	Arr - 10 Nov 82
1SG Billy R. Smith	1SG, 14th Co	Entire Year

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CW4 James G. Choate	Bandmaster, 98th AB	Arr - 25 Aug 82
CW4 Victor F. Owens	Bandmaster, 98th AB	Dep - 25 Aug 82
MSG Lawrence Suino	1SG, 98th AB	Entire Year
CPT Robert H. Wood	Cd, 141st MP Co	Entire Year
1LT Betty Gieseke	XO, 141st MP Co	Dep - 5 Jul 82
SFC John C. McLain	1SG, 141st MP Co	Arr - 1 Sep 82
SGM Ed Smith	1SG, 141st MP Co	Dep - 1 Sep 82
CPT Donald L. Mooney	Cdr, 260th FA Det	Arr - 2 Dec 82
CPT Philip Riddle	Cdr, 260th FA Det	Dep - 2 Dec 82
2LT Paul R. Disney	XO, 260th FA Det	Arr - 20 Aug 82
1LT D'Estaing Dobbins	XO, 260th FA Det	Dep - 20 Aug 82
1LT Sean P. McCaffrey	XO, 260th FA Det	Dep - 3 Feb 82
2LT Jose D. Hernandez	Asst XO, 260th FA Det	Arr - 24 Nov 82
SSG Bruce H. Johnson	1SG, 260th FA Det	Arr - 13 Aug 82
MSG Max E. McLeod	1SG, 260th FA Det	Dep - 13 Aug 82
CPT John LeBrun	Cdr, Co C, 509th Inf	Arr - 19 Aug 82
CPT William L. Driver	Cdr, Co C, 509th Inf	Dep - 19 Aug 82
1LT Thomas J. Bobowski	XO, Co C, 509th Inf	Arr - 5 Dec 82
1LT Joseph Dumas	XO, Co C, 509th Inf	Dep - 5 Nov 82
1LT Thomas J. Bobowski	Plt Ldr, Co C, 509th Inf	Dep - 5 Dec 82
2LT Mike Dillion	Plt Ldr, Co C, 509th Inf	Dep - 4 Oct 82

ACCOMPLISHMENTS: 1st Quarter

11th Co - SP5 William A. Ward and SP4 Kevin W. Lampshire were selected as unit NCO and Soldier of the Month for January. The 11th Company Basketball Team placed second in their division and second in the post level tournament.

12th Co - The unit sponsored a company party on 12 February 1982. The unit received the Battalion Commander's Award for the 1st Battalion Best Barracks for the Quarter.

13th Co - SGT Danny L. Adkins and SSG Stewart N. Hartman were selected as unit NCOs of the Month for January and February. SP4 James M. Hehnke and SP4 Ivan C. Kimbrough were selected as unit Soldiers of the Month for February and March. The unit color guard performed in the Valentine Ball on 20 February 1982, and the Association of the United States Army (AUSA) General Membership Meeting was held 24 March 1982. The 13th Company unit color guard is the first unit in 1st Battalion to have female soldiers selected for performance on the color guard. The Supply Administration Center (SAC) supported the 49'er Party throughout the quarter.

14th Co - SGT James D. Griner was selected as unit and Battalion NCO of the Month for January, while SGT Llevellyn L. Lang was selected as the unit NCO of the Month for February. SP4 Harold R. Jordan was selected as the unit Soldier of the Month for March. SP4 Winston Warr was selected as Battalion, Brigade, and Post Soldier of the Month for January.

98th Army Band - The 98th Army Band participated in five flybys, five swear ins, five graduations, and five graduation balls. In addition, the Band performed at the following events:

- 15 Jan 82 - Martin Luther King Memorial Service, Chapel of Flags, Fort Rucker, AL
- 19 Jan 82 - Senior & Advanced Course Command Reception, Fort Rucker Officers' Club
- 26 Jan 82 - Neal High School Recruiting Clinic, Brewton, AL
- 29 Jan 82 - Post Retirement Review, HQ Parade Field
- 2 Feb 82 - Daleville High School Recruiting Clinic, Daleville, AL
- 4 Feb 82 - National Prayer Breakfast, Officers' Club
- 6 Feb 82 - Annual ROTC Ball, Fort Walton Beach, FL
- 16 Feb 82 - Crestview High School ROTC Parade, Crestview, FL
- 17 Feb 82 - Cottondale High School Recruiting Performance, Cottondale, FL
- Sneads High School Recruiting Performance, Sneads, FL
- 20 Feb 82 - St Valentine Ball, NCO Club
- 22 Feb 82 - Fort Rucker Appreciation Day, Coppinville Junior High School, Enterprise, AL
- 26 Feb 82 - Post Retirement Review, HQ Parade Field
- 6 Mar 82 - Rattlesnake Rodeo Parade, Opp, AL
- Niceville High School ROTC, Fort Walton Beach, FL
- 8 Mar 82 - Crestview High School Recruiting Performance, Crestview, FL

- 12 Mar 82 - TRADOC Basketball Opening, Fort Rucker Physical Fitness Center  
- Founders' Day, Lake Lodge, Fort Rucker, AL
- 13 Mar 82 - CG's Reception, Lake Lodge, Fort Rucker, AL
- 16 Mar 82 - Command Performance, Officers' Club, Fort Rucker, AL
- 20 Mar 82 - ROTC Ball, Lyman Ward Military Academy, Camp Hill, AL
- 23 Mar 82 - ROTC Parade, Ozark High School, Ozark, AL
- 25 Mar 82 - Hernando County Fair, Brooksville, FL
- 26 Mar 82 - Lakewood High School Recruiting Performance, St. Petersburg, FL  
- Northeast High School Recruiting Performance, St. Petersburg, FL  
- Sun & Fun Festival Parade, Clearwater, FL
- 27 Mar 82 - Ranger Day Activities, Clearwater, FL
- 29 Mar 82 - Gibbs High School, St. Petersburg, FL
- 30 Mar 82 - Concert in Williams Park, St. Petersburg, FL  
- Illuminated Festival of States Parade, St. Petersburg, FL
- 31 Mar 82 - Hudson High School Recruiting Performance, Tarpin, FL

141st MP Co - SGT Waylon D. Cannon was selected as Battalion, Brigade, and Post NCO of the Month for March, while SP4 Allen Billups was selected as Battalion and Brigade Soldier of the Month for March. The Women's Post Basketball Team won the TRADOC Tournament with SP4 Annette Pittman on the team. The company sponsored an MP Breakfast at the 1st Battalion Dining Facility in March and a skate party at the DYA Gym to promote the Officer Friendly Program. The 141st MP Company provided security support for the Army Aviation Mission Area Analysis Briefing, 12 January 1982 and 27 January 1982; Air Force Classified Briefings, 9 February 1982; Bright Star 82 Briefing, 23 February 1982; and Annual Aviation Systems Program Review (AASPR) 22-26 March 1982. SSG Harlan and SP4 Durgin graduated from Hostage Situation Anti-Terrorist School at Fort Gordon while SSG Spickler graduated from Nuclear Security School at Fort McClellan. SP4 Fells was selected for the Commandant's List at Primary Leadership Course, while SGT Cook, SGT Olinger, and SP4 Hernandez graduated. Graduates of the Alabama Police Academy were LT Gieseke, LT Nyberg, SGT Nelson, and SGT Prieto.

260th FA Det - The unit fired 1,304 HE and 1,788 rounds of illumination in support of aviation training and 200 rounds of HE for unit training.

CO C (PFDR/ABN) 509th Inf - During the month of January, four airborne operations were conducted with a C-130 aircraft used in the 17 January 1982 operation. This is the first time in the local area that a C-130 has been used by Co C, 509th Inf. SP4 Guy Darden II was selected as unit and Battalion Soldier of the Month for February with SSG Dean O. Gambrel selected as unit and Battalion NCO of the Month for February. In February 1982, three airborne operations were conducted with a C-141 aircraft utilized in the 14 February 1982 operation. This is the first time a C-141 has been used by Co C, 509th Inf, in the local area. On 23 February 1982, SGT John S. McCauley received the Army Commendation Medal. In March, four airborne operations were conducted. During the period 19 February 1982 to 9 March 1982, Co C, 509th Inf, conducted its first Jumpmaster Course at Fort Rucker. CPT William L. Driver, 2LT Thomas Bobowski, 2LT Michael Dillon, and SGT Thomas Hunke were the graduates of the course. The unit conducted joint training operations with the United States Army Ranger School at Camp Rudder, Florida, during the quarter.

ACCOMPLISHMENTS: 2d Quarter

11th Co - SP5 Robert W. Udovich and SP5 Anthony R. Geddis were selected as unit NCOs of the Month for May and April. SP4 Suzanne C. LeBeau was selected as the unit Soldier of the Month for June. SP5 Michael D. Beucler was selected as Battalion NCO of the Month for June 1982. The unit won first place in the Spring Sportsfest for Female Softball and finished third in the 10K run during the Army Aviation Birthday on 4 June 1982. Weapons qualification training was conducted 7 thru 11 June and 24 and 25 June 1982. The unit sponsored a company picnic on 22 April 1982.

12th Co - SP4 William R. Atkinson was selected as unit and Battalion Soldier of the Month for April. The unit conducted weapons qualification training from 3 to 7 May 1982. During the Spring Sportsfest, the 12th Company won the women's doubles competition for racquetball.

13th Co - SSG Jose A. Borges was selected as Battalion, Brigade, and Post NCO of the Month for April. SP4 Ivan C. Kimbrough was selected as unit Soldier of the Month for April and in June was selected as the Battalion, Brigade, and Post Soldier of the Month. SSG Danny L. Adkins was selected as unit NCO of the Month for May, while SP4 Robert C. Mudrich was unit Soldier of the

Month. During the quarter, 13th Company conducted the PT test and range qualification. During the Spring Sportsfest, the 13th Company Flag Football Team won first place. The unit received the best marching unit award in the June Monthly Retirement Review.

14th Co - On 16 April 1982, CPT David L. Brice assumed command of the company from CPT Alvin R. Sneckenberger, the outgoing commander. During the ceremony, CPT Sneckenberger was presented the Meritorious Service Medal. During the Spring Sportsfest, 14th Company Teams placed first in women's basketball, men's racquetball, softball, and golf. The unit color guard performed at the Special Olympics on 17 April 1982, the DOFT Formal on 17 April 1982, the Monthly Reviews for May and June, and the Association of the United States Army (AUSA) General Membership Meeting held 30 June 1982. The unit conducted their PT test 3 thru 7 May 1982. Company personnel fired the .38 caliber pistol 10 thru 14 May 1982 and the M16 7 thru 11 June 1982. SGT Phillip Yusczyk and SGT Roberts were selected as unit NCO of the Month for May and June. PFC Stephen McCullen was the unit Soldier of the Month for May.

98th Army Band - The unit received the Battalion Commander's Award for the 1st Battalion Best Barracks of the Quarter. The 98th Army Band participated in six flybys, six swear ins, eight graduations, and seven graduation balls. In addition, the Band performed at the following events:

- 1 Apr 82 - Public Affairs, Busch Gardens, Tampa, FL
- 2 Apr 82 - St. Petersburg High School Recruiting Performance, St. Petersburg, FL
  - Sun Goddess Festival, St. Petersburg, FL
- 3 Apr 82 - Festival of States Parades, St. Petersburg, FL
- 11 Apr 82 - Easter Sunrise Service, Lake Tholocco West Beach, Fort Rucker, AL
- 17 Apr 82 - Special Olympics Kickoff, Post Physical Fitness Center
  - Groundbreaking Ceremony, Lyster Army Hospital, Fort Rucker, AL
  - Band Day, Daleville High School, Daleville, AL
- 19 Apr 82 - Andalusia High School Concert, Andalusia, AL
  - Opp High School Concert, Opp, AL
- 24 Apr 82 - River Day, Geneva, AL
- 30 Apr 82 - Post Retirement Review, HQ Parade Field
- 1 May 82 - Florida State University ROTC Graduation, Tallahassee, FL
- 8 May 82 - Volksmarch, Post Physical Fitness Center
- 10 May 82 - Enterprise High School ROTC Awards Review, Enterprise, AL
- 11 May 82 - Brundidge High School Review Training, HQ Parade Field
- 12 May 82 - Geneva High School Concert, Geneva, AL
- 13 May 82 - Armed Forces Week, Northside Mall, Dothan, AL
- 18 May 82 - Civilian Awards Ceremony, Recreation Center
- 22 May 82 - Centennial Parade, Chipley, FL
- 28 May 82 - Post Retirement Review, HQ Parade Field
- 31 May 82 - Memorial Day Ceremony, HQ Parade Field
- 2 Jun 82 - Change of Command, 46th Engr Battalion, HQ Parade Field
- 4 Jun 82 - Early Bird Social, Officers' Club
  - 40th Army Aviation Birthday Review, HQ Parade Field
- 5 Jun 82 - US Army Aviation Display Concert, Cairns Airfield
  - Memorialization Kleiv Hall, Fort Rucker, AL
  - Groundbreaking, Aviation Museum
  - "AAAA" Ball, Officers' Club
- 6 Jun 82 - Memorial Service, HQ Parade Field
- 12 Jun 82 - 4th Annual Army Ball, Pensacola, FL
- 19 Jun 82 - Dining-In Ceremony, Maxwell AFB, Montgomery, AL
- 25 Jun 82 - Post Retirement Review, HQ Parade Field
- 26 Jun 82 - American Day, Newton, AL
- 30 Jun 82 - Change of Command, D Co, 229th AHB, Guthrie Field
  - AUSA Dinner, NCO Club

141st MP Co - SP4 Leverette, SP4 McClendon, and SP4 Plummer graduated from Primary Leadership Course at Fort Benning, GA. SSG Franklin graduated from Advanced NCOES. The unit sponsored a swim and skate party to highlight the Officer Friendly Program. SP4 Jackson graduated from MPI School conducted at Ft McClellan while SP4 Hines graduated from traffic school conducted at Fort Gordon, GA. The 141st MP Company provided security support and traffic control throughout the 40th Army Aviation Birthday Celebration, 3 to 6 June 1982.

260th FA Det - The unit conducted adventure training on 1 April 1982 and an organizational day on 9 April 1982. On 16 April 1982, the unit raised money for the Boy Scouts with a car wash. Weapons qualification with the M16A1 was completed with 100 percent of the unit qualifying and the annual SQT testing with 100 percent of the unit verified. The 260th FA Det fired a 21-gun salute for Memorial Day, 31 May 1982, and on 6 June 1982 for the 40th Army Aviation Birthday. The unit fired 1,458 HE and 1,226 rounds of illumination in support of aviation training, 100 rounds of HE for unit training, and 50 1055mm blanks of salutes.

Co C (PFDR/ABN) 509th Inf - SGT Thomas E. Hunke was selected as Battalion, Brigade, and Post NCO of the Month for May while SP4 Guy V. Morfit was selected as unit and Battalion Soldier of the Month for May. The unit received the best marching unit award in the May Monthly Retirement Review. In June, the 509th hosted and conducted a joint helocasting operation with the 27th Pathfinder Platoon from Texas during their 2-week annual training. The unit conducted ten airborne operations during the quarter.

ACCOMPLISHMENTS: 3d Quarter

1st Bn HQ - On 20 August 1982, LTC John Bradley assumed command of the 1st Battalion from LTC Kenneth D. Loveless, the outgoing Battalion Commander.

11th Co - On 24 September 1982, CPT David S. Prewitt assumed command of the company from CPT Bruce R. Hill, the outgoing commander. The unit received the Battalion Best Barracks of the Quarter. SP4 Edward Cain and PFC Timothy Daugherty were selected as unit Soldiers of the Month for July and August. SP5 Kelly Robbins and SP5 Carlos Juan Cardona-Lopez were selected as unit NCOs of the Month for August and September. SP4 Suzanne C. LeBeau was selected as Battalion, Brigade, and Post Soldier of the Month for September. The unit sponsored a July "JAM" on 13 July 1982 and a change of command party on 24 September 1982. The unit color guard performed at the 1st Battalion Change of Command Ceremony on 20 August 1982.

12th Co - On 17 September 1982, CPT Terry R. Council assumed command of the company from CPT Russell A. Gallagher, the outgoing commander. During the ceremony, CPT Gallagher was presented the Meritorious Service Medal. SGT Slade was selected as the unit NCO of the Month for August and SP4 Berger was selected as unit Soldier of the Month for July. SSG Keith R. Francke was selected as Battalion, Brigade, and Post NCO of the Month for September. The unit sponsored a company picnic on 3 September 1982 at Lake Tholocco. During the quarter, the unit conducted the PT test 21 thru 24 September and range qualification for pistol (38s) on 16 August 1982.

13th Co - SP4 David A. Simmons and PV2 Twanta L. Highsmith were selected as unit Soldiers of the Month for August and September. SGT Jeffrey W. Fall and SGT Ruth E. Pusateri were selected as unit NCOs of the Month for August and September.

14th Co - SP4 Thomas E. Chorpensing was selected as Battalion, Brigade, and Post Soldier of the Month for July. SP4 Lewis Copeland was selected as unit and Battalion Soldier of the Month for August while SP4 Beverly Martin was selected as Soldier of the Month for September. SGT Vernon Evans and SGT Godfrey Johnson were selected as unit NCOs of the Month for August and September. The unit won the post championship for men's and women's softball competition while in the men's and women's volleyball competition, the unit won post runner-ups. The unit sponsored a company picnic on 28 August 1982. The unit conducted Equal Opportunity Training 8 and 9 July and Terrorist Threat Training 9 and 10 September 1982.

98th Army Band - On 25 August 1982, CW4 James G. Choate assumed command of the band from CW4 Victor F. Owens, the outgoing bandmaster. The Army Achievement Medal was awarded to 37 unit personnel for outstanding performance of duty during the celebration of the 40th Anniversary of Army Aviation (1-6 June 1982). All personnel were on mass leave 6 to 19 July 1982. The 98th Army Band participated in five flybys, five swear ins, seven graduations, and five graduation balls. In addition, the Band performed at the following events:

- 2 Jul 82 - Change of Command, US Army Aeromedical Research Laboratory
- 3 Jul 82 - Centennial Parade, Enterprise, AL
- 4 Jul 82 - Patriotic Review, Enterprise, AL
- 5 Jul 82 - Independence Day Commemoration Ceremony, HQ Parade Field
- Fireworks Display, Old Division Parade Field
- 12 Jul 82 - Command Reception, Officers' Club
- 30 Jul 82 - Post Retirement Review, Old Division Parade Field

- 3 Aug 82 - Infantry Officer Advanced Course Graduation, Fort Benning, GA
- 6 Aug 82 - Change of Command, 4th Battalion, Old Division Parade Field
- 9-13 Aug 82 - Pike County High School Band Camp, Brundidge, AL
- 9 Aug 82 - American Heritage Week Opening Ceremony, Recreation Center
- 10 Aug 82 - ROTC Mixer, Officers' Club
- 12 Aug 82 - Change of Command, Fort Benning, GA
- 13 Aug 82 - American Heritage Week Closing Ceremony, Recreation Center
- 20 Aug 82 - Change of Command, 1st Battalion, Old Division Parade Field
- 26 Aug 82 - Turner Job Center Graduation, Albany, GA
  - Women's Equality Day Program, Recreation Center
- 27 Aug 82 - Post Retirement Review, Old Division Parade Field
- 28 Aug 82 - Retiree Open House Officers' Club
- 31 Aug 82 - Air Force Executive Writing Course, Morning Session, Post Theater
  - Air Force Executive Writing Course, Afternoon Session, Post Theater
- 2 Sep 82 - REFORGER Troop Movement, bldg 4301
- 3 Sep 82 - Change of Command, 4th Battalion, Physical Fitness Center
- 16 Sep 82 - National Hispanic Heritage Week, Fort Rucker Exchange
- 22 Sep 82 - Dothan Appreciation Day, Officers' Club
- 23 Sep 82 - CFC Kickoff, Recreation Center
  - AUSA General Membership Meeting, Officers' Club
- 24 Sep 82 - Post Retirement Review, HQ Parade Field
  - CG's Reception for Allied Students, Lake Lodge
- 25 Sep 82 - AUSA/Fort Rucker Barbecue, West Beach Recreation Area
- 27 Sep 82 - Safety Conference, Officers' Club
- 28 Sep 82 - Civilian Awards Ceremony, Recreation Center

141st MP Co - SGT Carl K. Cannon was selected as unit and Battalion NCO of the Month for July. SP4 Gill and SP4 Wilson graduated from Primary Leadership Course at Fort Benning, GA, while SP4 Ledford and SP4 Nunez were graduates of the Alabama Police Academy in Selma, AL. SSG Taylor graduated from the Tactics for Emergency Team Training at Lackland AFB, TX, and SSG Richards graduated from CID School at Fort McClellan, AL. SGT Springston and PFC Deimler graduated from Dog Handler's School at Lackland AFB with PFC Deimler receiving an award as honor graduate. The unit provided security and traffic control for the 4th of July activities, the AUSA Barbecue, the Retiree Open House, Women's Day activities, in addition to routine support of recurring activities. The unit provided a marching unit for the Enterprise Centennial Celebration in July 1982. The 141st MP Company conducted the PT test, completed M16 qualification, and administered the Officer Survival Course to unit personnel.

260th FA Det - The unit conducted Adventure Training on 20 September 1982 and Forward Observer Training on 8 September 1982. All personnel passed the PT test on 12 July 1982. Unit personnel provided direct and indirect fire in support of the Tactical Training Exercise on 18 August 1982. CPT Riddle, SSG Johnson, SSG Scott, SP4 Hicks, SP4 Sagginario, and PVT Bingham received letters of appreciation for their outstanding performance in the Tactical Training Exercise. Drownproofing Class was conducted for all personnel on 10 September 1982. The 260th FA Detachment fired a 50-gun salute on 5 July 1982 for Independence Day. The unit fired 1,003 HE and 1,334 rounds of illumination in support of aviation training, 100 rounds of HE for unit training, and 52 105mm blanks for salutes.

Co C (PFDR/ABN) 509th Inf - On 19 August 1982, CPT John LeBrun assumed command of the company from CPT William L. Driver, the outgoing commander. During the ceremony, CPT Driver was presented the Meritorious Service Medal. SGT Emmenth V. Lumpkins was selected as unit and Battalion NCO of the Month for August. The unit color guard presented the colors at the AUSA General Membership Meeting, 23 September 1982, at the Officers' Club. During the quarter, the unit conducted the PT test, Adventure Training, and Range Qualification. On Friday, 13 August 1982, the 509th Inf conducted a jump with 13 jumpers at 1300 hours from a C-130 aircraft with each jumper having 13 cents in his right pocket. The company provided personnel for funeral and crash guard details. The unit conducted 16 airborne operations during the quarter. On 8 September 1982, 25 members of the unit received the Army Achievement Medal for participation in the 40th Anniversary of Army Aviation (1-6 June 1982).

ACCOMPLISHMENTS: 4th Quarter

11th Co - SP5 Geddis was selected as unit NCO of the Month for October while SSG Chipman and SP5 Harpham were unit NCO of the Month for November and December. SP4 Buhler was selected as Battalion, Brigade, and Post Soldier of the Month for November while PFC Pruitt was selected as

unit Soldier of the Month for December. The unit received the Battalion Commander's Award for the 1st Battalion Best Barracks of the Quarter. The 11th Company received a streamer for marching in the National Peanut Festival Parade, 23 October 1982, in Dothan, AL. During the Fall Sportsfest, 11th Company Teams placed first in female softball, second in female basketball, third in male basketball, and team 10K run, and fourth in flag football. The unit sponsored a Christmas party on 15 December 1982. During the month of November, the unit administered the PT test with the makeup tests given in December.

12th Co - SP4 Vaught and SGT Manning were selected as unit Soldier and NCO of the Month for November. The unit sponsored a Christmas Party on 23 December 1982. The unit color guard performed in the National Peanut Festival Parade and the Dale County Hospital Flag Pole dedication 10 November 1982 in Ozark, AL.

13th Co - On 10 December 1982, CPT William F. Tanner, Jr., assumed command of the company from CPT William G. Ackerly, the outgoing commander. During the ceremony, CPT Ackerly was presented the Meritorious Service Medal. SP5 Michael D. Ziegler was selected as Battalion, Brigade, and Post NCO of the Month for October while SP4 Twanta L. Highsmith was selected as October unit Soldier of the Month. SP5 Vasco Perry was selected as the Battalion NCO of the Month for November. SSG Ralph James and SP4 Rickey H. Miller were selected as NCO and Soldier of the Month for December. The unit flag football team was post and division runner-ups. The PT test was conducted during the quarter. During the Fall Sportsfest, the unit placed first in the women's 10K run.

14th Co - SP4 Beverly Martin was selected as Battalion and Brigade Soldier of the Month for October. SGT Jerry Curtis was selected as Battalion, Brigade, and Post NCO of the Month for December. During the Fall Sportsfest, the unit won first place in men's softball, 10K run, racquetball, and women's swimming. The unit also won the Post Flag Football Championship during intramural play. The company sponsored an eight-ball pool tournament and Christmas parties for Lowe, Hanchey, and Cairns Airfields. The unit color guard participated in the DOFT Christmas formal on 4 December 1982. The unit conducted NBC Training and EOT Training in October, and OPSEC and Drug and Alcohol Abuse Training in December.

98th Army Band - The 98th Army Band participated in five flybys, five swear ins, eight graduations, and seven graduation balls. All personnel were on mass leave 22 December 1982 to 4 January 1983. On 26 October 1982, the Band passed with satisfactory results their Fort Rucker General Inspection. SQT testing was conducted in October with passing rate of 96 percent. The PT test was administered on 7 October 1982 with a 100 percent passing rate. In addition, the Band performed at the following events:

- 2 Oct 82 - 1st Annual Daleville International Band Classic, Daleville, AL
- 4 Oct 82 - National Employ the Handicapped Week Luncheon, NCO Club
- 6 Oct 82 - Welcome Ceremony for Return of 46th Engineer Battalion from Germany, 1st Battalion Dining Facility
- 16 Oct 82 - Harvest Festival Parade, Donalsonville, GA
- 18 Oct 82 - "Officer Friendly" Award Ceremony, Fort Rucker Elementary School
- 23 Oct 82 - National Peanut Festival Parade, Dothan, AL
- National Peanut Festival Mayor's Luncheon, Dothan, AL
- 26 Oct 82 - "State of the USAAVNC" Briefing, Morning Session, Post Theater
- "State of the USAAVNC" Briefing, Afternoon Session, Post Theater
- 27 Oct 82 - "State of the USAAVNC" Briefing, Morning Session, Post Theater
- "State of the USAAVNC" Briefing, Afternoon Session, Post Theater
- 29 Oct 82 - Post Retirement Review, HQ Parade Field
- 1-5 Nov 82 - Jackson District Recruiting Tour, Natchez, MS
- 6 Nov 82 - Dining-in, Officers' Club
- 9 Nov 82 - Veterans Day Ceremony, 5th Avenue Chapel
- Veterans Day Activities, Coffee Springs, AL
- 10 Nov 82 - Flag Pole Dedication Ceremony, Dale County Hospital, Ozark, AL
- 11 Nov 82 - 36th Veterans Day Parade, Birmingham, AL
- 12 Nov 82 - Vietnam Memorial Service, Chapel of the Flags
- 19 Nov 82 - Post Retirement Review, HQ Parade Field
- 20 Nov 82 - Second Army Aviation Volksmarch, Physical Fitness Center
- 23 Nov 82 - Enterprise Appreciation Day, Officers' Club
- 24 Nov 82 - Great American Family Award Ceremony, Recreation Center
- 25 Nov 82 - Thanksgiving Day Worship Service, HQ Place Chapel
- 2 Dec 82 - CG's Reception for Allied Students, Lake Lodge

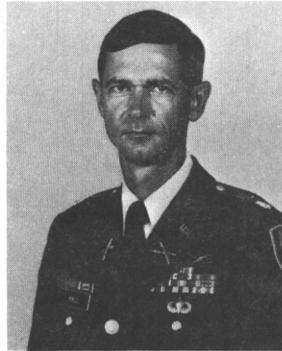
- 4 Dec 82 - DOFT Christmas Formal Ball, Officers' Club
- 9 Dec 82 - Reception for Miami, Florida, Educators, NCO Club
- 10 Dec 82 - Post Retirement Review, HQ Parade Field
  - Christmas Tree Lighting Ceremony, HQ Parade Field
  - 1st Aviation Brigade's Christmas Formal, Officers' Club
- 11 Dec 82 - Children's Christmas Party, Dependent Youth Activities Center
- 12 Dec 82 - Annual Christmas Concert and Cantata, Post Theater
- 15 Dec 82 - 6th Battalion Wives Retreat, Holiday of Ozark, Ozark, AL
- 16 Dec 82 - Family Christmas Dinner/Drama Theater, Officers' Club
- 17 Dec 82 - Christmas Concert, Officers' Club
- 18 Dec 82 - Christmas Concert, Northside Mall, Dothan, AL
- 19 Dec 82 - Vietnam Veterans March from Eufaula to Montgomery, AL  
(Completion Ceremony) Montgomery, AL
- 21 Dec 82 - Operation Santa Claus, Recreation Center

141st MP Co - SP4 Holmes, SP4 Tidmore, and SP4 Tuck graduated from Primary Leadership Course at Fort Benning, GA. SGT Shepherd, SP4 McClendon, and PFC McMeans are now graduates of the Alabama Police Academy. SSG(P) Bazzle graduated from ANCOG at Fort McClellan, AL. SGT Anderson and SGT Jackson graduated from Elevated Urban Operations Anti-terrorist and Hostage Rescue Seminar at Fort Gordon, GA. COL Regel, CPT Brent, SP4 Wilson, SP4 O'Donnell, SP4 Alsup, SP4 Kwiatkowski, PFC Breland, and PFC Stierhoff graduated from the Officer Survival Course at Selma, AL. SP4 Simmons was selected as Battalion, Brigade, and Post Soldier of the Month for November. The unit sponsored a "haunted house" and unit skating party at the DYA Gym in October and the MP Breakfast in November. As part of the Officer Friendly Program, classes were conducted at local schools on Safety and Drug/Alcohol Awareness. An estimated 900 students received the classes during the quarter. The unit assisted in collecting gifts from local area merchants for the Wiregrass Christmas Party in December. In December, the unit conducted a Bicycle Rodeo and sponsored a unit Christmas party on 17 December 1982. The 141st MP Company provided security and traffic control for the Fall Sportsfest, the Volksmarch, Enterprise Appreciation Day, Christmas Tree Lighting Ceremony, Officer Wives' Club Bazaar, the 10K run, Officer Wives' Club Cantata, PTO meeting, Security Conference, Retiree Orientation, in addition to routine support of recurring activities. During the Fall Sportsfest, the unit won first place in flag football. The unit received an overall satisfactory during the AGI. Shotgun familiarization was conducted on 8 and 13 December 1982 for all unit personnel.

260th FA Det - On 2 December 1982, CPT Donald L. Mooney assumed command of the company from CPT Philip D. Riddle, the outgoing commander. During the ceremony, CPT Riddle was presented the Meritorious Service Medal. NBC training was conducted on 20 October 1982, while 100 percent of the unit personnel qualified on 12 October 1982 with the M16A1 and M1911A1 weapons. The 260th FA Det had a 100 percent participation in the Fall "82" Sportsfest. SSG Calvin E. Scott and SP4 Larry J. Jones were awarded the Army Commendation Medal. During the 19 November Blood Drive, each member of the unit donated blood. A 100 percent participation was accomplished in support of the Combined Federal Campaign. The unit provided a mounted unit for the National Peanut Festival Parade on 23 October 1982. The unit fired 693 HE and 1,034 rounds of illumination in support of aviation training and two 105mm blanks for salutes.

Co C (PFDR/ABN) 509th Inf - During the quarter, 20 airborne operations were conducted at Fort Rucker, AL; Fort Campbell, KY; Fort Stewart, GA; and Eglin AFB, FL. The unit conducted squad river operations on 19 and 20 October on the Choctowhatchee River, conducted weapon qualification on 19 October and a rappel demonstration on 25 and 26 October. On 23 October, the unit marched in the National Peanut Festival and a PT test was conducted on 26 October. During the month of October, the company provided personnel for funeral details. Co C, 509th Inf, participated in Operation Quick Thrust at Fort Campbell, KY, 1-16 November, and 23-26 November trained EOD personnel in rappelling techniques. Company rappelling training was conducted 29 November thru 1 December. During the month of November, the company provided personnel for crash guard details. The unit conducted training on sling loading for reserve units on 4 and 5 December, a rappel demonstration for a JROTC unit on 7 December, and a company night attack at Eglin AFB, FL, on 10 and 11 December. The company conducted hand-to-hand combat training with B Co, Ranger Battalion at Fort Benning, GA, on 13-17 December 1982.

# 4TH BATTALION



## MISSION:

Exercises command and control over all assigned/attached units and elements. Provides command and staff supervision of administrative functions, physical security, limited logistical support, quarters, and training of assigned personnel.

## ORGANIZATION:

The 4th Battalion consists of the 41st, 42d, and 43d Advanced Individual Training (AIT) Companies.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC William A. Hall III	Cdr, 4th Battalion	Arr - 3 Sep 82
LTC James L. Higginbotham	Cdr, 4th Battalion	Dep - 6 Aug 82
CPT Brent W. McMahan	Cdr, 41st Company	Arr - 9 Apr 82
CPT Paul B. Hay	Cdr, 41st Company	Dep - 12 Apr 82
CPT Larry Dunavant	Cdr, 42d Company	Arr - 6 Aug 82
CPT Daniel S. Adee	Cdr, 42d Company	Dep - 6 Aug 82
CPT Richard L. Tannich	Cdr, 43d Company	Arr - 5 Feb 82
CPT Michael S. Porterfield	Cdr, 43d Company	Dep - 5 Feb 82
CSM Sonnie S. Bronson	CSM, 4th Battalion	Entire Year
1SG Richard L. Benson	1SG, 41st Company	Entire Year
1SG Steven R. Wilson	1SG, 42d Company	Entire Year
1SG Eugene R. Rossner	1SG, 43d Company	Arr - 1 Mar 82
1SG Lewis T. Rowan	1SG, 43d Company	Dep - Mar 82

## ACCOMPLISHMENTS:

The average monthly student strength for the year was 672. The total number of students graduated was 2,256. Of that total, 1,045 were for Military Occupational Specialty (MOS) 67N--Utility Helicopter Repairer, 422 were for MOS 67V--Observation/Scout Helicopter Repairer, 266 were for MOS 71P--Flight Operations Coordinator, 354 were for MOS 93H--Air Traffic Control (ATC) Tower Operator, and the remaining 169 were for MOS 93J--ATC Radar Controller.

In January, two subordinate units, the 41st and 43d Companies, vacated quarters in the 6900 block and moved to the 3800 block area. As a result of this move, the 4th Battalion Dining Facility was permanently closed on 6 January 1982. In May, 42d Company conducted a move from the 12th Street area to the 3700 block.

# 6TH BATTALION



## MISSION:

Exercises command over and provides administrative and operational support to officer and warrant officer candidate students involved in one or more courses of flight or professional development instruction. Advises the Commanding General/Commandant and the Brigade Commander on matters pertaining to the activities of officer, warrant officer candidate, and allied military students. Provides detailed observation, evaluation, recording of performance, and extensive counseling to warrant officer candidates relating to leadership, academics, and flight potential; recommends qualified warrant officer candidates for appointment as aviation warrant officers. Provides evaluation relating to leadership, academics, and flight potential of initial entry rotary wing officer and warrant officer students (AERs). Maintains a program for full social development in military environment by organizing, coordinating and participating in officer, warrant officer candidates, and allied military flight programs. Organizes, coordinates, and participates in specific programs of physical conditioning and broad program of participative sports, emphasizing maximum student involvement in intramural and intra-brigade competition. Operates a Personnel Administration Center (PAC), Supply Administrative Center (SAC), and Consolidated Dining Facility for students and cadre.

## ORGANIZATION:

The 6th Battalion is organized as follows:

60th Warrant Officer Candidate Company  
 61st Warrant Officer Candidate Company  
 62d Warrant Officer Candidate Company  
 63d Officer/Warrant Officer Student Company  
 64th Officer Student Company  
 Allied Military Training Division

### KEY PERSONNEL

### POSITION

### ARRIVAL/DEPARTURE DATES

LTC Moses Erkins,	Cdr, 6th Battalion	Entire Year
CPT(P) E. Gary Campbell	XO, 6th Battalion	9 Aug 82 - Present
MAJ Wayne H. Stephens	XO,, 6th Battalion	9 Aug 82
1LT Roxana Baylor	Adjutant	1 Sep 82 - Present
MAJ Dwight L. Jobe	C, Allied Military Training Division	Entire Year
CPT Houston A. Yarbrough	Cdr, 60th Company	29 Aug 82 - Present
CPT Paul D. Bates	Cdr, 60th Company	9 Jul 82
CPT Myron E. Pangman	Cdr, 61st Company	9 Jul 82 - Present
CPT Paul W. Everett	Cdr, 61st Company	9 Jul 82
1LT Roberto Rubet	XO, 61st Company	15 Oct 81 - Present
CPT Marshall Hillard	Cdr, 62d Company	14 Oct 82 - Present
CPT James R. McGuffey	Cdr, 62d Company	14 Aug 82
CPT Walton C. Carroll, Jr.	Cdr, 63d Company	2 Aug 82 - Present
CPT John C. Strauss	Cdr, 63d Company	2 Aug 82
CPT Lee A. Thompson	Cdr, 64th Company	9 Feb 82 - Present
CPT Robert E. McCord	Cdr, 64th Company	9 Feb 82
1LT Stephen Gill	XO, 64th Company	5 May 82
1LT Ronald McWilliams	XO, 64th Company	5 May 82
CSM Alonzo C. Miller	CSM, 6th Battalion	1 Mar 82
CSM Timothy Bronson	CSM, 6th Battalion	1 Mar 82 - Present
1SG Jacobus Tenbroek	1SG, 60th Company	Entire Year
1SG Michael Schrupp	1SG, 61st Company	3 Nov 82 - Present
1SG James Chester	1SG, 61st Company	3 Nov 82

KEY PERSONNELPOSITIONARRIVAL/DEPARTURE DATES

1SG Jose L. Sarmiento  
1SG William Joiner

1SG, 62d Company  
1SG, 62d Company

3 Nov 82 - Present  
3 Nov 82

ACCOMPLISHMENTS: 60th Company

During 1982, 60th Company developed several new and innovative training requirements to enhance the quality of training. These included a comprehensive updating of the Program of Instruction, development of a Physical Training program placing increased emphasis on improving scores on the Army Physical Readiness Test, and a system of rating each candidate's performance on a more objective basis. Additionally, 60th Company personnel updated and restored the Fort Rucker Land Navigation Course and began using it in training. These training modifications resulted in an overall 4 percent reduction in the attrition rate. 60th company personnel actively supported numerous on and off post civic functions to include the 40th Birthday of Army Aviation, Easter Sunrise Services, the 49'er Party, and the Miss Bronze Beauty Pageant in Dothan. The Warrant Officer Candidate Lounge and the 60th Company classroom were renovated during this year. On 20 October 1982, 60th Company successfully passed the General Inspection.

ACCOMPLISHMENTS: 61st Company

Class 82-13, Purple Flight, volunteered their services and painted the Aviation Library. This project required two weekends in February. On 20 March 1982, class 82-15, Light Blue, participated in a community project by building a playground for the Lisenby Elementary School in Ozark saving the school approximately \$3,500. Gray Flight, class 82-25, provided 100 percent participation in the Aviation Museum Volksmarch. Jul 82, Gold Flight, class 82-43, conducted a car wash and donated the \$300 earnings to "Buckle Up Babes," an organization that lends children car seats to families unable to afford them. The 6th Battalion Dining Facility received the "Post Best Dining Facility Award" for three consecutive quarterly inspections. SP5 Norman K. Shifferd, 61st Co, 6th Battalion Dining Facility, received the "Outstanding Cook of the Quarter," award for the 3d quarter. 7 Aug 82, Purple Flight, class 82-37, participated in the "Bar War" events held in Dothan, winning 1st and 2d place. The events were part of a Muscular Dystrophy Campaign, the Warrant Officer Advance Course donated a \$200 entry fee so that Purple Flight could enter the events. Sep 25, Light Blue, class 82-39, repaired and painted various rooms and did extensive outside clean-up of the Oaks Manor Nursing Home in Ozark.

ACCOMPLISHMENTS: 62d Company

Graduated 866 warrant officer aviators during FY 82. Amassed a total of \$10,464.00 for contribution to the Combined Federal Campaign. Participated in the National Peanut Festival Parade. Graduated the first black female warrant officer aviator.

ACCOMPLISHMENTS: 63d Company

A total of 3,118 students successfully completed courses of instruction at the 63d Officer Student Company during FY 82 with an average student strength of 472 in class and 44 casual officers awaiting class.

The Company successfully completed its Annual General Inspection with zero Category 1 findings and several laudable areas during November of 1982. Two Warrant Officer Senior Courses and two Aviation Warrant Officer Advanced Courses were completed during the year with a total of 325 students graduating.

ACCOMPLISHMENTS: 64th Company

The 64th Company took second place overall in the Spring 82 Brigade Sportsfest and later took first place overall in the Fall 82 Sportsfest. The unit won first place in the first semiannual Aviation Center Volksmarch with approximately 225 members taking part. Later in the year, the unit won second place in the second semiannual Aviation Center Volksmarch with approximately 340 members taking part. Both of these accomplishments netted a substantial donation for the Aviation Museum. Through the outstanding efforts of in-class project officers, the unit contributed approximately \$9,400.00 to the Combined Federal Campaign (CFC). Through individual class projects, the 64th Company made numerous worthy contributions to the community to include the refurbishing of the Post Parcours.

SHORTCOMINGS: 64th Company

The 64th Company continued to carry a high number of casual officers during the last quarter of FY 82 and the first quarter of FY 83.

ACCOMPLISHMENTS: AMTD

Allied Military Training Division (AMTD) kicked off the year with a tour to New Orleans for the allied students on 5-8 March 1982. Soon afterwards on 15 March, AMTD had a reception for the allied students hosted by the Commanding General. The following events occurred during the year: Commanding General's Reception on 24 September 1982, Bonifay Rodeo, Bonifay, Florida, on 1 October 1982, and the Commanding General's Reception on 2 December 1982. The Patriotic Service Award for Civilian Service was given to Mrs. Kermit R. Franklin, secretary AMTD, for sponsoring allied students. AMTD's annual Christmas party was held on 15 December to close out the year's activities. During the year, 202 foreign students graduated from Fort Rucker with the breakdown by countries as follows:

Australia - 10	Italy - 1	Panama - 6
Canada - 9	Kenya - 12	Saudi Arabia - 12
Colombia - 1	Korea - 11	Spain - 7
Denmark - 6	Kuwait - 2	Taiwan - 1
Germany - 45	Netherlands - 18	Thailand - 10
Greece - 4	Norway - 21	Turkey - 3
Israel - 26	Pakistan - 3	

SHORTCOMINGS: AMTD

The shortcomings encountered during 1982 were two. First, the 11 points of the Informational Program were not accomplished for all students. This is extremely difficult to accomplish because of the time involved and the variety in student schedules. Second, plans for an informational tour before the end of the year failed to materialize due to time constraints, scheduling, and the approaching holidays. The trip was moved to the early 1983 time frame.

# 46TH ENGINEER BATTALION (COMBAT) (HEAVY)



**MISSION:**

**Engineer Units:** Construct and rehabilitate roads, airfields, pipeline systems, structures, and utilities for the Army and Air Force and assist in emergency recovery operations. Increase the combat effectiveness of division, corps, and theater Army forces by means of engineer combat support and general engineer work. Perform infantry combat missions when required.

**Attached Units:** Establish and operate one or more temporary petroleum storage facilities for wholesale transfer operations to division support commands and to direct support, supply, and service companies; provide motor transportation of bulk petroleum and supply products; provide ground evacuation and medical support; provide balanced and flexible ordnance support; provide fire fighting crash rescue assistance.

**Fort Rucker Support:** Maintain combat readiness of Rapid Deployment Force (RDF) and REFORGER units; provide engineer troop construction and maintenance support for Fort Rucker; provide general support for US Army Aviation Center (USAAVNC) training activities; support contingency requirements; conduct parades, ceremonies, and funerals as directed.

**ORGANIZATION:**

The 46th Engineer Battalion (CBT)(HVY) consists of the following units:

- Headquarters and Headquarters Company
  - A Company
  - B Company
  - C Company

**Detached Units:**

- D Company (Fort McClellan, AL)
- A Company Quarry Section (Fort McClellan, AL) - Deactivated 16 September 1982

**Attached Units:**

- 108th Quartermaster Company
- 416th Transportation Company
- 427th Medical Company (Ambulance)
- 123d Ordnance Detachment (EOD)
- 91st Engineer Detachment (Fire Fighting)

**KEY PERSONNEL**

**POSITION**

**ARRIVAL/DEPARTURE DATES**

LTC John I. Klaczkiewicz	Battalion Commander	2 Jun 82 - Present
LTC Cal D. Johnson	Battalion Commander	Dep - 2 Jun 82
SGM Charles E. Rainer	Battalion CSM	22 Nov 82 - Present
CSM Gean E. Hendrix	Battalion CSM	Dep - 22 Nov 82
1SG(P) Charles E. Rainer	Battalion CSM	Dep - 4 Aug 82
CSM John T. McInnis	Battalion CSM	Dep - 2 Jun 82
MAJ Robert J. Wrentmore	Battalion Executive Officer	Entire Year
1LT Dorothy A. Smith	Battalion S1	29 Nov 82 - Present
CPT Harold D. Shambley	Battalion S1	Dep - 28 Nov 82
CPT Jerald A. Jones	Battalion S1	Dep - 2 Jun 82
1LT Samuel W. Burkett	Battalion S2	30 Oct 82 - Present
1LT Kewyn Williams	Battalion S2	Dep - 29 Oct 82

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT Gary R. Burroughs	Battalion S3	2 Jun 82 - Present
CPT Edwin P. Janasky	Battalion S3	Dep - 1 Jun 82
1LT Christopher E. Iskra	Battalion S4	2 Jun 82 - Present
CPT Jonathan E. Holtz	Battalion S4	Dep - 1 Jun 82
CPT Ralph D. Cantrell	HHC Commander	29 Jan 82 - Present
CPT James D. Wisenbaker	HHC Commander	Dep - 29 Jan 82
1SG Bernard E. Storms	HHC First Sergeant	Entire Year
CPT Frank M. Kreis	A Co Commander	8 Nov 82 - Present
CPT Stephen D. Bonneau	A Co Commander	Dep - 8 Nov 82
1SG Napoleon Burnett	A Co First Sergeant	Entire Year
CPT Frederick L. Clapp	B Co Commander	22 Oct 82 - Present
CPT Blake V. Peck	B Co Commander	Dep - 22 Oct 82
1SG Fred E. Scott	B Co First Sergeant	23 Aug 82 - Present
1SG Vernnon D. Haught	B Co First Sergeant	Dep - 23 Aug 82
CPT Robert R. Green	C Co Commander	1 Jun 82 - Present
CPT Gary R. Burroughs	C Co Commander	Dep - 1 Jun 82
1SG William C. Pelfrey	C Co First Sergeant	1 Mar 82 - Present
SFC Ernest Johnson	C Co First Sergeant	Dep - 1 Mar 82
CPT(P) Thomas M. Hill	108th QM Co Commander	Entire Year
1SG Max E. McLeod	108th First Sergeant	15 Oct 82 - Present
SFC Charles E. Brewster	108th First Sergeant	Dep - 15 Oct 82
1SG Floyd E. Fontenot	108th First Sergeant	Dep - 8 Feb 82
CPT Terry D. Oviatt	416th Trans Co Commander	15 Oct 82 - Present
CPT Randy L. Boatman	416th Trans Co Commander	Dep - 15 Oct 82
SFC Benny F. Collins	416th First Sergeant	16 Nov 82 - Present
1SG Harold G. Castle	416th First Sergeant	Dep - 16 Nov 82
SFC Benny F. Collins	416th First Sergeant	Dep - 10 Aug 82
1SG Charles E. Rainer	416th First Sergeant	Dep - 2 Jun 82
CPT John C. Terry	427th Med Co Commander	Entire Year
1SG James L. Black	427th First Sergeant	1 Oct 82 - Present
1SG Clarence M. Bozeman	427th First Sergeant	Dep - 1 Oct 82
CPT Thomas C. Zeugner	123d EOD Commander	Entire Year
MSG Harland F. Mayo	123d EOD NCOIC	Entire Year
SSG William M. Still	91st Engr Det (FF) NCOIC	15 Oct 82 - Present
SSG Jimmy Milliner	91st Engr Det (FF) NCOIC	Dep - 15 Oct 82

ACCOMPLISHMENTS: 1st Quarter

In January, the battalion developed and instituted an NBC MOPP Level-4 endurance program designed to increase the soldier's tolerance while performing in NBC attire.

The 108th Quartermaster Company and 416th Transportation Company were evaluated during a post-level Emergency Deployment Readiness Exercise (EDRE), conducted 8 through 12 February. Both units performed successfully and were judged deployable.

A Battalion Training Management System (BTMS) Seminar was conducted during the period 22 through 26 February. The program is designed to develop the leadership and instructional skills of junior NCOs and officers.

To more efficiently utilize motor pool area and storage space, the 108th Quartermaster Company, 416th Transportation Company, and A Company relocated motor pools during the period 15 through 19 March.

During the first quarter, the battalion was notified that it would participate in REFORGER '82 which would be conducted during September and October 1982. The battalion would deploy with HHC, A, B, and C Companies from Fort Rucker, and D Company from Fort McClellan. A total deployable strength of 575 soldiers was authorized for the exercise. After initial notification, a period of intensive planning and coordination began during which movement and training plans were developed. Preliminary training for deployable personnel was conducted in REFORGER related subject areas, such as USAREUR Driver's Training, Soviet Military Liaison Mission (SMLM), 1 KM Zone, and German Laws and Customs. The Battalion Executive Officer attended the USAREUR Main REFORGER Planning Conference while the Battalion Commander and S3 attended USAREUR REFORGER conferences during the battalion's PIREP visit to Germany during March.

Major construction projects completed during this period included: the renovation of the Florida Recreation Area in which the recreational facilities and trailers were upgraded; the renovation of an old warehouse, building 6014, Fort Rucker, which was transformed into modern offices for the Central Issue Facility and AG Publications; and the Beaver Lake Bike Trail, a 3.2 mile jogging, horseback, and bike trail was graded and graveled around the lake.

#### ACCOMPLISHMENTS: 2d Quarter

The 46th Engineer Battalion began intensive field and readiness training in preparation for REFORGER '82. Platoon and company FTXs were conducted throughout this quarter. In addition, many operators were cross-trained on several pieces of equipment in preparation for the construction projects to be completed during REFORGER. Extensive planning was conducted, and the drafts of movements and operations orders were completed. Direct coordination with the REFORGER Planning Group and USAREUR was conducted.

A battalion alert/ARTEP was conducted during the period 12 through 17 April. The 6-day exercise consisted of a post-level REFORGER load up and an internal ARTEP which concentrated on post construction projects.

The battalion sponsored the AUSA JROTC Rifle and Drill Meet, conducted on 24 April.

The 46th Engineer Battalion evaluated the 43d Engineer Battalion, Fort Benning, GA, during an external ARTEP conducted at Fort Rucker, 2 through 8 May.

The 427th Medical Company successfully participated in an external ARTEP conducted at Fort Rucker during the period 17 through 21 May.

The battalion conducted its quarterly Battalion Training Management System (BTMS) Seminar during the period 28 June through 2 July.

Major construction projects completed during this period included: the installation of playground equipment and construction of picnic shelters at Lake Tholocco; the initial earth-work for four softball fields at the Hartford Recreation Area; the modification of a building for use as storage for the battalion's cold-weather equipment; and the renovation of the 3d Avenue Chapel. Assisted by the Equipment Platoon of A Company, 13th Engineer Battalion, Fort Knox, Kentucky, the battalion completed the Asphalt Project during May. The project consisted of the preparation, grading, and paving of several areas around Fort Rucker for use as parking lots.

#### ACCOMPLISHMENTS: 3d Quarter

During the third quarter, the 46th Engineer Battalion began final preparations for REFORGER '82. Intensified training commenced with a battalion field training exercise conducted by the battalion and engineer company executive officers at Fort McClellan, AL, from 9 through 16 July. The exercise concentrated on ARTEP common tasks, individual soldier tasks, and crew-served weapons qualification and familiarization. While the battalion was training at Fort McClellan, the Battalion Commander and Company Commanders of A, C, and D Companies participated in a coordination visit in Germany with the 7th Engineer Brigade. During the visit, proposed project sites were identified and a REFORGER MTOE was developed by identifying equipment required for the REFORGER missions. The visit also included briefings with the 7th Engineers and a REFORGER Blue Forces terrain walk.

Intensified pre-REFORGER training, such as German Map Reading, Convoy Procedures, USAREUR Licensing, Maneuver Damage Control, and Drivers' Cross Training, was accelerated in late July through early August. During the period 26 through 30 July, a team of officers from Fort Lee,

VA, conducted movements training for the battalion's rail load teams. In early August, a German-American team consisting of USAREUR representatives and officers of the German Territorial Southern Command, presented a briefing for senior NCOs and officers. The briefing concentrated on German customs and laws and maneuver damage.

The REFORGER OPLAN was published and final airframe manifests were developed. An intensive effort was made to insure all dependents of deployable personnel were well briefed on finance, mail, and other personal administrative items. The Battalion Commander conducted dependent briefings in the battalion chapel for both sponsors and dependents.

From 2 through 4 August, the 46th Engineer Battalion and 427th Medical Company participated in a post-level EDRE. During this exercise, the battalion's deployment plans were exercised and non-deployable personnel identified. The 72-hour EDRE was followed up by a field training exercise which concentrated on the battalion's combat readiness, construction proficiency, and convoy procedures.

During the period 1 through 6 September, the battalion deployed to Europe with 574 personnel from HHC, A, B, C, and D Companies. In addition, personnel from the battalion's affiliated unit, the 877th Engineer Battalion, Alabama National Guard from Hamilton, participated by sending five men with the battalion. Total deployable strength was 579 soldiers.

The deployment began with the departure of a sea-lift drivers' party and a four-man liaison group. The first major element was an advanced party of 200 personnel deploying from Lawson AAF, Fort Benning, GA, to Ramstein AFB. The advance party started the Preposition Material Configuration to Unit Sets (POMCUS) draw from Combat Engineer Group Europe (CEGE) site #7, located at Nabollenbach. The main body, consisting of 371 soldiers, deployed on 6 September from Lawson AAF. After landing at Rhein-Main, the main body was bussed to the Marshalling Area at Baumholder. The POMCUS draw went extremely well and throughout the deployment phase all time and operational requirements were met.

The battalion departed the Marshalling Area on 7 September and convoyed to the release point near Heilbronn. From Heilbronn, B Company convoyed north to its bivouac site in the Orange Forces area near Schweinfurt. C Company remained at Heilbronn, establishing its bivouac in the Redleg training area. The remainder of the battalion continued east to its bivouac site on Dolan Barracks, Schwabisch Hall.

The battalion completed numerous construction projects in support of the Dolan Barracks and Heilbronn military communities. Among the projects completed by HHC, A, C, and D Companies during REFORGER include the construction of a 1,500 meter gravel road and repair of 2,300 meters of existing road around the airfield perimeter at Dolan Barracks; construction of a 10,500-foot long, 12-foot wide, crushed limestone road around the perimeter of PSP 26; construction of three masonry wall partitions on Dolan Barracks which provided Directorate of Engineering and Housing (DEH) with a fireproof paint storage room; the installation of mailboxes for the 180th Aviation Company; the construction of three access roads for Chinook helipads for the 180th Aviation Company; the renovation of the attic in building #5 located at Wharton Barracks; the renovation of the attic in the DEH office at Badenerhof Kaserne; the construction of ten bus shelters throughout the Heilbronn community; and the renovation of basement rooms in building 204 for the Thrift Shop at Wharton Barracks. B Company, in support of the Orange Forces, completed the construction of seven POL Berms, a 300-meter antitank ditch, two prefabricated buildings, and several range upgrades, to include the upgrade of a pistol and skeet range.

The Carbine Fortress Field Training Exercise was conducted during the period 13 through 23 September. Carbine Fortress was the tactical field phase of REFORGER. The battalion companies consisting of HHC, A, C, and D, operated with the 7th Engineer Brigade as part of the Blue Forces, while B Company operated in support of the 372d Engineer Group, Orange Force. Highlights of the 46th Engineer Battalion's operations included the completion of 27 reconnaissance missions and target folders, the development of an Engineer Task Force Headquarters, the operation of tactical bivouacs, the operation of three field kitchens, and continuous liaison with Brigade and Group Headquarters. Highlights of B Company's operations included continuous liaison with the 372d Engineer Group and the conduct of 15 reconnaissance missions and target folders. In addition, B Company acted as the demolition party and security guard force for the bridges at Gemunden, Karlstadt, and Zellingen. B Company also operated a field kitchen, established a tactical bivouac, and conducted tactical movements. At the completion of the Carbine Fortress

Exercise, the battalion continued to work on construction projects until all were completed on 26 September 1982. The dollar value of the projects completed by the battalion was estimated to be over \$975,000.

With the Carbine Fortress Exercise completed, three composite platoons of the battalion began interoperability training with NATO Forces. One composite platoon trained with the British 73d Independent Field Squadron at Osnabruck, Germany, from 25 September to 2 October. Two platoons trained with the 3d Company, 10th Pioneer Battalion Bundeswehr, at Ingolstadt, Germany, from 26 to 30 September.

The battalion conducted its equipment cleanup during the period 27 to 29 September. B Company began the equipment cleanup in the Orange Force area near Schweinfurt and the 46th Engineer Battalion Companies HHC, A, C, and D began cleanup maintenance at Dolan Barracks. During this time, battalion soldiers were given the opportunity to go on several sightseeing tours and enjoy the German countrysides. On 28 September, the battalion shipped its shortfall equipment from the railhead at Crailsheim to the port at Bremerhaven for return to Fort Rucker. With the assistance of 13 heavy equipment transporters (HETS), the battalion road marched all its heavy equipment to Bremerhaven without incident. The battalion began deprocessing its POMCUS equipment on 28 September; and within 72 hours, all equipment had been accepted for turn-in. The first of four elements of the battalion redeployed from Germany on 28 September.

Also, during the third quarter, 68 soldiers from the 108th Quartermaster Company participated in a test of the Reverse Osmosis Water Purification Project at Fort Irwin, CA, from 17 August to 1 October 1982. The detachment maintained a tactical posture the majority of this exercise. As part of the test, the detachment laid 20 miles of pipeline, erected a 800,000-gallon storage and distribution system in the desert, and pumped 150,000 gallons per day for a 4-day period. The 108th's participation in the test was an unqualified success.

The 46th Engineer Battalion underwent a major MTO&E change effective 16 September 1982. As a result of the change, detached unit, A Company Quarry Section, located at Fort McClellan, was deactivated; personnel strength authorizations were established at Authorized Level of Organization (ALO) 2, reducing the manpower available by 108 personnel; however, equipment authorizations remained at ALO 1. On a positive note, the communications assets of the battalion were significantly improved. The MTO&E increased the battalion authorization for signed radios, a radio teletypewriter (RATT) rig, radio teletype, and considerable amounts of secure radio equipment.

Major construction projects completed during this period, prior to the REFORGER exercise, included: the renovation of building 6010, Fort Rucker, into modern classrooms; and the renovation of building 6020, Fort Rucker, into a Self-Help facility.

#### ACCOMPLISHMENTS: 4th Quarter

On 6 October 1982, the last element of 400 soldiers departed from Rhein-Main AFB and arrived at Fort Benning, GA, without incident. From Fort Benning, the soldiers were bussed to Fort Rucker where the post held a welcoming ceremony. The keynote address for the welcoming ceremony was made by Major General Carl H. McNair.

Significant accomplishments of the battalion during REFORGER '82 were: all personnel deployed and redeployed without injury; all shortfall equipment shipped was returned to Fort Rucker without loss and with minor sealift damage; the ordnance and engineer equipment was driven over 168,000 miles and over 8,500 equipment hours were expended without a recordable accident; over \$975,000 in construction was completed for the Heilbronn, Schweinfurt, and Dolan Barracks military communities; all POMCUS equipment was drawn and turned in within the time requirements; all convoy and movement requirements were satisfied; and ten personnel from the 877th Engineer Battalion, Alabama National Guard, actively participated in unit operations. The battalion received the following training value from REFORGER '82: increased readiness posture; development of deployment plans; CEGE turn-in procedures; maintenance functions throughout sustained tactical operations; command and control functions; increased proficiency in ARTEP tasks; improved MOS skills; appreciation of NATO Forces; and individual confidence, unit cohesion, and esprit de corps.

The 123d Ordnance Detachment (EOD) supported the Fort Rucker Range Survey Project during December. Over 100 helicopter landing zones were cleared in the Fort Rucker range impact area.

The battalion conducted its quarterly Battalion Training Management System (BTMS) Seminar during the period 15 through 19 November.

Major construction projects completed during this period included: the construction of athletic fields for the city of Dothan, AL; the installation of a soundproof recording booth for the Safety Center to be utilized in the development of educational motion pictures and television programs; the renovation of the District Engineer Resident Office; the upgrading of access roads at the ASP; and the construction of prestock positions.

# D COMPANY, 229TH ATTACK HELICOPTER BATTALION



## MISSION:

To destroy enemy armor, mechanized or other forces, by aerial combat power using fire and maneuver as an integrated part of the combined arms team during offensive, defensive, and retrograde operations under the control of the 101st Airborne Division (Air Assault), Fort Campbell, Kentucky.

To provide support to the United States Army Aviation Center (USAAVNC) as directed.

## ORGANIZATION:

D Company, 229th Attack Helicopter Battalion, is organized under an Attack Helicopter Company concept.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Gerald D. Saltness	Commander	30 Jun 82 - Present
MAJ Charles R. Poulton II	Commander	Dep - 30 Jun 82
CPT(P) Doc A. Anderson III	Executive Officer	Arr - 1 Jul 82
CPT(P) Herman W. Sumner	Executive Officer	Dep - 1 Jul 82
	Operations Officer	Arr - 1 Jul 82
CPT Frank S. Wilmoth	Operations Officer	Dep - 1 Jul 82
1SG Robert F. McCook	First Sergeant	Entire Year

## ACCOMPLISHMENTS:

Developing and maintaining combat readiness is the absolute priority of D Company, 229th Attack Helicopter Battalion. Therefore, primary emphasis during the year was placed on Realistic Training to build upon existing capabilities by utilizing the Aircrew Training Manual (ATM), Soldier's Manual, Skill Qualification Training, and extensive field duty as tools to increase combat effectiveness. Highlights of the year's activities are listed below:

An intensive "Night Hawk" qualification course was established and implemented for UH-1 and OH-58 aviators.

AN AH-1 Aerial Gunnery Qualification/Field Training Exercise was successfully completed at Camp Blanding, Florida.

"Load-Out" exercises were conducted at Napier Field (Dothan, Alabama) and Lawson Army Airfield (Fort Benning, Georgia) in preparation and training for emergency deployment contingencies.

An internal reorganization of Aeroscout assets was implemented to increase the effectiveness and efficiency of the attack team concept.

Increased emphasis was placed on Joint Air Attack Team (JATT) training which resulted in combined operations being conducted with US Air Force units at Eglin Air Force Base, Florida.

Participated in combined arms operations with the 197th Infantry Brigade, Fort Benning, Georgia, which resulted in a standard agreement that unit attack helicopter assets from this unit will be planned for and utilized in future brigade operations.

Successfully completed a 4 day unannounced USAAVNC Inspector General Inspection with laudatory comments noted in the following areas:

Unit Awards Program.

NBC Readiness.

Management and Accountability of Army Materiel.

Arms Room and Weapons Maintenance Program.

Aviation Life Support Equipment.

Participated in Cold Weather Survival/Mountain Rescue Training at Norwich University, Vermont.

Supported and participated in Combined Arms Tactical Training Exercises conducted at Fort Benning, Georgia, to demonstrate the capabilities of the Army's future armored assault vehicle, and at Fort Rucker to celebrate USAAVNC's 40th Anniversary.

SHORTCOMINGS:

Shortage of aircraft and organizational equipment continually degraded unit's mission and training capability.

## **SECTION II**

### **TENANT ACTIVITIES**



# US ARMY AVIATION DEVELOPMENT TEST ACTIVITY



## MISSION:

US Army Test and Evaluation Command (TECOM) Regulation No. 10-12, 17 November 1980, assigns the following mission to US Army Aviation Development Test Activity (USAAVNDTA).

To perform the following test phases of aviation materiel to include aircraft, aircraft components (time-between-overhaul, time-between-inspections), aircraft subsystems, and aviation-related support equipment, as assigned by the Commanding General, TECOM.

Plan, conduct, evaluate, and report on the government test elements (EDT-G, ADVT-G, PQT-G, PVT-G), except those portions pertaining to aircraft performances, stability, and control.

Provide input to, monitor, and evaluate the results of government tests pertaining to aircraft performance, stability and control, and the results of other government

Provide input to, monitor, analyze, and evaluate the results of contractor test elements (EDT-C, ADVT-C, PQT-C, PVT-C).

Conduct other tests and evaluations as directed by the Commanding General, TECOM.

## ORGANIZATION:

The US Army Aircraft Development Test Activity (USAADTA) was established as a field operating activity under the Commanding General, US Army Test and Evaluation Command (TECOM), by General Orders 113, US Army Materiel Development and Readiness Command (DARCOM), 28 June 1976, effective 1 July 1976. USAADTA was redesignated US Army Aviation Development Test Activity (USAAVNDTA) by Permanent Orders 38-1, DARCOM, 15 May 1979, with an effective date of 6 June 1979. The name change to include the word "Aviation" is more descriptive of the overall mission of the activity. Simultaneous with the name change, the activity underwent a major reorganization on a provisional basis. The reorganization was approved by Department of the Army on 5 November 1979.

USAAVNDTA is one of nine subordinate units assigned to TECOM and, as the only solely aviation-oriented unit, has the primary mission of conducting development tests of aviation materiel (specific mission is as stated above). Development testing is described as those tests and evaluations conducted to verify that the engineering design and development process is complete, the design risks have been minimized and the system will meet specifications, and to estimate the system's military utility when it is introduced into the Army inventory.

This mission requires a highly qualified, technically oriented work force. To meet this need, the activity is authorized 219 officers, warrant officers, enlisted personnel, and Department of the Army civilians, and is organized under a commander with a deputy commander for testing operations, four functional divisions, and supporting offices. Contractors provide aircraft maintenance; additional engineering and technical support; on-site human factor engineer support; and additional assistance in the reliability, availability and maintainability (RAM) data collection area. These contractors being approximately 180 additional people under the activity umbrella.

Year-end authorized personnel strength was 219 military and civilian personnel (27 officers, 11 warrant officers, 88 enlisted personnel, and 93 DACs). Total assigned strength 31 December 1982 was 231 (24 officers, 10 warrant officers, 106 enlisted, and 91 DACs).

KEY PERSONNELPOSITIONARRIVAL/DEPARTURE DATES

COL William B. Woodson	Commander	Entire Year
Dr. James S. Kishi	Technical Director	Dep - 2 Oct 82
MAJ Thomas A. Fichter	Executive Officer	7 Sep 82 - Present
MAJ Walter J. Lash II	Executive Officer	Dep - 25 Jun 82
SGM John T. Pate	Sergeant Major	Dep - 20 Sep 82
COL John O. Turnage	Deputy Commander for Test	Entire Year
LTC William H. Schwend	Chief, Mgt & Plans Div	Dep - 28 Jun 82
MAJ(P) Frederick W. Dickens	Chief, Mgt & Plans Div	8 Jan 82 - Present
MAJ David J. Anderson	Chief, Systems Test Div	Entire Year
MAJ(P) Donald L. Stiver	Chief, Aircraft Test Div	Entire Year
MAJ George L. Kitchens	Chief, Test Spt & Log Div	Dep - 6 Jul 82
CPT Dale F. Maddox	Commanding Officer, HQ Co	Entire Year
1SG Garland K. Offutt	First Sergeant, HQ Co	Dep - 1 Nov 82

**DEPUTY COMMANDER FOR TEST  
AIRCRAFT TEST DIVISION**

ACCOMPLISHMENTS:

The Aircraft Test Division published 18 test plans and 25 test reports during CY 82. Significant tests and areas which required major resources during the year included--

CH-17 (Chinook) Helicopter.

RAM Growth/Maturity Testing of YCH-47D  
Product Improvement/Technical Feasibility Testing of CH-47 Components  
Night Water Operations with YCH-47D  
Initial Production Testing of CH-47D

UH-1/AH-1 Helicopters.

Product Improvement/Technical Feasibility Testing of UH-1/AH-1 Components.

UH-60A (Black Hawk) Helicopter.

Reliability, Availability, Maintainability, and Durability (RAM-D) Testing  
Logistical Evaluation  
Prototype Qualification Testing of Mission Flexibility Kits  
Product Improvement/Technical Feasibility Testing of UH-60A Components

Other.

Planning for Army Helicopter Improvement Program (AHIP)  
Rotor Blade Protective Coatings  
Planning for AH-64 RAM Testing  
Planning for Liquid-Methane-Fueled TH-55A

**SYSTEMS TEST DIVISION**

ACCOMPLISHMENTS:

The Systems Test Division had 49 projects in progress during 1982. A total of 17 test plans and 33 test reports were completed during the year. Tests conducted during the past year are as follows:

Aviator's Night Vision Imaging System (ANVIS).

ANVIS OT, TECOM Project Number 4-EE-AVS-006-007  
ANVIS Desert Environment, TECOM Project Number 4-EE-AVS-006-009  
ANVIS Cold Regions, TECOM Project Number 4-EE-AVS-006-005  
ANVIS Tropic Environment, TECOM Project Number 4-EE-AVS-006-008  
ANVIS XM-33, TECOM Project Number 4-EE-AVS-006-010  
ANVIS AN/AVS-6, TECOM Project Number 4-EE-AVS-006-001  
ANVIS DT II DTD, TECOM Project Number 4-EE-AVS-006-011

Aircraft Survivability Equipment (ASE).

AN/ALQ-156, TECOM Project Number 4-EE-ALQ-156-010  
AH-1S/M-130 Installation Survey, TECOM Project Number 4-AI-100-01S-031  
AN/APR-39 Flight Test, TECOM Project Number 4-EE-APR-039-016  
AN/ALQ-147 Inlet Airspeed, TECOM Project Number 4-EE-ALQ-147-011  
Support AN/ALQ-162 at Eglin AFB, TECOM Project Number 4-EE-ALQ-162-005  
UH-1 HMPP Suppressor, TECOM Project Number 4-AI-99B-IRS-056  
AN/AVR-2 Laser Warning Receiver, TECOM Project Number 4-EE-AVR-002-006  
AH-1 HMPP Suppressor/METS, TECOM Project Number 4-AI-99B--IRS-056  
OWLD Phase II ERADCOM Support, TECOM Project Number 4-ES-OWL-000-002  
AN/ALQ-162 "A" Kit Fab/Design, TECOM Project Number 4-EE-ALQ-162-003  
AN/ALQ-162, TECOM Project Number 4-EE-ALQ-162-001  
AN/AVR-2 Laser Warning Receiver, TECOM Project Number 4-EE-AVR-002-002  
AH-1S HMPP, TECOM Project Number 4-AI-99B-IRS-062  
M-130/AH-1S Installation Design, TECOM Project Number 4-AI-100-01S-028  
AN/APR-39 on AH/UH Aircraft, TECOM Project Number 4-EE-APR-039-015  
AH-1S with AN/ALQ-136, TECOM Project Number 4-EE-ALQ-136-004  
LET Test, AN/ALQ-144 IR Jammer, TECOM Project Number 4-EE-ALQ-144-008  
AN/ALQ-144 Logistical Evaluation, TECOM Project Number 4-EE-ALQ-144-009  
UH/AH HMPP Durability, TECOM Project Number 4-AI-99B-IRS-067  
Production ALQ-136 on AH-1S, TECOM Project Number 4-EE-ALQ-136-006  
Tan IR Paint, TECOM Project Number 4-AI-99B-IRS-063

Support Projects.

Green Price II, TECOM Project Number 4-AI-190-000-003  
DIVAD Gun Check Test, TECOM Project Number 3-WE-100-DIV-007  
Support Tri-Services Working Group, TECOM Project Number 4-AI-190-000-004  
NOE-Comm Development Support, TECOM Project Number 4-EE-NOE-COM-001

Other.

LRU-18 Mini-Boat, TECOM Project Number 4-E-820-LRU-001  
RPM Warning Light, TECOM Project Number 4-AI-102-01G-018  
OV-1 Icing Test, TECOM Project Number 4-AI-039-OV1-004  
Night Fix (NVG Lighting) Validation, TECOM Project Number 4-AI-99M-000-002  
UH-1 Night Fix Phase I, TECOM Project Number 4-AI-170-01H-012  
UH-1 Wire Strike Protection, TECOM Project Number 4-AI-170-01H-014  
SPADE (Bearing Diagnostic Test), TECOM Project Number 4-ES-595-000-004  
Smoke Launcher AH-1S, TECOM Project Number 4-AI-100-01S-034  
Blue Green vs Red Cockpit Lights, TECOM Project Number 4-AI-99M-000-003  
XM30 Protective Mask, TECOM Project Number 8-EI-820-029-004  
Oil Life and Filtration Evaluation, TECOM Project Number 4-CO-160-000-036  
Improved Lighting Systems, TECOM Project Number 4-AI-99M-000-001  
AGES/AD System, TECOM Project Number 3-WE-B23-000-005  
Helicopter Oxygen System, TECOM Project Number 4-AI-196-OXY-001  
Transportable Helicopter Enclosure, TECOM Project Number 4-AI-990-140-001  
Airborne Target Handoff System, TECOM Project Number 4-EE-ATH-000-002  
AH-1S Wire Strike Protection System, TECOM Project Number 4-AI-100-01S-030  
AGES/AD Support Performance, TECOM Project Number 3-WE-B23-000-010

**MANAGEMENT AND PLANS DIVISION**  
**MANAGEMENT BRANCH**

ACCOMPLISHMENTS:

Reorganization of the activity was proposed to Headquarters, TECOM, in July 1982. Concept approval was immediately given and necessary personnel actions were taken to implement on an OPCON basis effective 1 August 1982. The salient features of this reorganization are turnaround of in-house TDA spaces for increased direct labor hour productivity and significantly reduced contract costs.

An out-of-cycle TDA requirement for enlisted data collectors to support the Army Helicopter Improvement Program (AHIP) in FY 84 and 85 was submitted to Headquarters, TECOM, in April 1982. Approval from DA was received in November 1982.

Improved management tools for test project management were made available in CY 82 through expanded ADP programs. Project officers/managers now have more than 25 separate program options from which management information may be obtained. Increase in the number of CRT terminals available to the user (from 10 to 25) has also greatly increased data availability.

At USAAVNDDTA's request, Department of Army stabilized 17 enlisted data collector personnel for the period September 1982 - March 1983 in order that RAM Growth Production testing in the CH-47D aircraft could be completed.

### **PLANS BRANCH**

#### ACCOMPLISHMENTS:

During CY 82, the activity averaged 96 projects in the planning, testing, and reporting phases. Sixty-six new projects were initiated and 72 projects were completed. Testing was accomplished at Eglin Air Force Base, Florida; Fort Greely, Alaska; Yuma Proving Ground, Arizona; Nellis Air Force Base, Nevada; Fort Campbell, Kentucky; White Sands Missile Range, New Mexico; St Paul, Minn; Pax River, Maryland; and Fort Rucker, Alabama.

There were 9,550 flight hours flown in accomplishment of our test program during 1982.

### **QUALITY ASSURANCE AND REVIEW BRANCH**

#### ACCOMPLISHMENTS:

The Aircraft Component Test Facility (ACTF) building was not funded in FY 83 as planned. The facility is now planned for FY 84, with the instrumentation package planned for FY 85. Scientific Applications, Inc., has been contracted to study the requirements for ACTF instrumentation hardware and provide detailed specifications for the facility by the end of FY 83.

Essex Corporation was contracted to conduct a Human Factors study, the purpose of which is to develop detailed specifications and procedures for conducting HFE testing. The procedure will be published in "cookbook" fashion.

During the year, two new Test Operations Procedures (TOPs) were added to the library. TOP 6-3-120, Flight Testing Aircraft Heading References System, for completion last December had to be completely reworked in an engineering format. The second TOP 7-3-507, Integrated Logistical Supportability (Aviation Materiel), was completed in September 1982.

# US ARMY SAFETY CENTER



## MISSION:

Within the scope of AR 385-10, the US Army Safety Center (USASC) supports the Army Safety Program in the conservation of manpower and materiel resources to enhance the combat effectiveness of the US Army. The Commander, US Army Safety Center, is the US Army Aviation Safety Officer and the principal US Army representative on the NATO Flight Safety Working Party.

## ORGANIZATION:

The mission and principal functions of the US Army Safety Center (USASC), a field operating agency of the Deputy Chief of Staff for Personnel (DCSPER), HQDA, are contained in AR 10-29. The Director, Human Resources Development, ODCSPER, is responsible for supervision of the Army Safety Program. Program administration is delegated to the Director of Army Safety, Office of Army Safety Program, DCSPER, who is responsible for staff supervision of USASC. The Commander, USASC, is responsible for implementation of Army Safety Program activities.

The USASC is organized under Table of Distribution and Allowances, Number SFWOJ7AA. Authorized strength is 163 military and civilian personnel including 37 officers, eight warrant officers, 17 enlisted personnel, and 101 Civil Service employees. In addition to the above, five Reserve Components (Army National Guard) officers are assigned. The Safety Center underwent an internal reorganization on 1 April 1982 which consolidated the Directorates of Aviation Systems Management and General Safety into the Directorate for Systems Management. The reorganization of the USASC allowed a consolidated and focused effort toward initiating Army-wide system safety program improvements. The Safety Center is organized internally as follows:

- Office of the Commander
- Administrative Division
- Communication Arts Division
- Directorate for Management Information Systems
- Directorate for Systems Management
- Directorate for Investigation, Analysis and Research
- Directorate for Education and Evaluation

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Joseph R. Koehler	Commander	Entire Year
COL Joel J. Mikuta	Deputy Commander	Entire Year
COL Francisco Trevino, Jr.	Director, Investigation, Analysis & Research	Entire Year
COL David Ammons	Director, Education & Evaluation	1 Apr 82 - Present
COL Norman N. Ferguson	Director, Education & Evaluation	1 Jan 82 - 31 Mar 82
COL Norman N. Ferguson	Director, Systems Management	1 Apr 82 - Present
COL Samuel Griffith	Flight Surgeon	Entire Year
LTC Marco Torres, Jr.	Director, Aviation Systems Management	1 Jan 82 - 31 May 82
LTC Thomas F. Johnson	Chief, Administration Div, Executive Officer	Entire Year
MAJ Joe A. Cole	Legal Officer	1 Jan 82 - 13 Jul 82
MAJ Karl Ivey	Legal Officer	13 Sep 82 - Present
SGM Fred Brown III	Sergeant Major	Entire Year

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Harold M. Myers, Jr.	Director, Management Information Systems	Entire Year
Mr. William D. Brooks	Acting Director, General Safety	1 Jan 82 - 31 Mar 82
Mr. William E. Carter	Chief, Communication Arts Division	Entire Year

ACCOMPLISHMENTS:

SAFETY TRAINING:

Program of Instruction: During CY 82, the following courses were conducted:

Aviation Safety Officer Course (ASOC) - An 8-week resident aviation mishap prevention course for Active Army and Reserve Components commissioned officers, warrant officers, and DA civilians. On successful completion, officers and warrant officers are awarded the Additional Skill Identifier (ASI) of 1S for aviation safety. The ASOC was presented three times producing 91 graduates.

Aviation Accident Prevention Course (AAPC) for Officers - A 2-week resident course on the fundamentals and techniques of the aviation safety officer's job. Active Army and Reserve Components commissioned and warrant officers, DA civilians, and contract maintenance civilians may attend. The AAPC for officers was presented three times in residence and one time at Fort Bragg, NC, producing 119 graduates.

Aviation Accident Prevention Course (AAPC) for NCO - A 2-week resident and mobile training course on mishap prevention concepts and programs. Active Army and Reserve Components enlisted, personnel in grades E6 through E9 in aviation-related MOS, DA civilians, GS7 through GS 10 and Army contract maintenance supervisors may attend the course. Graduates are awarded the ASI A2. The AAPC for NCO was presented three times in residence and five times at various locations worldwide (Ft Campbell, KY/Hawaii/Germany/Davison AAF, VA/Alaska), producing 249 graduates.

Army Safety Program Management Course (ASPMC) - A 2-week resident course designed for advanced safety management and staff techniques. The ASPMC was presented two times in residence producing 57 graduates.

Fundamentals of Army Accident Prevention Course (FAAPC) - A 2-week resident course designed to provide introductory safety training to Army civilian and military personnel. The FAAPC was presented three times in residence producing 96 graduates.

Range Safety Course (RSC) - An 8-day resident course designed to provide training which emphasizes the safety aspects of ranges and range operations. The RSC was presented four times in residence and one time in Germany producing 137 graduates.

Risk Management Course for Commanders (RMC) - A 1-week course designed to enable commanders to integrate the safety function into all aspects of unit management. The RMC was presented one time in residence producing 12 graduates.

Special Educational Presentations - Safety instruction was conducted for Active/Reserve Components units/personnel at various installations and geographical locations (1,356 graduates). Instruction was also conducted in support of the following courses conducted by other Training and Doctrine Command (TRADOC) schools/activities: Aviation Pre-Commander's Course (60 graduates), Warrant Officer Senior Course (240 graduates), Aviation Warrant Officer Advanced Course (190 graduates), Initial Entry Rotary Wing Course (789 graduates), and the Flight Surgeon's Course (91 graduates). Attendees at these courses totaled 2,726.

Aviation Mishap Prevention Surveys - During 1982, students in the ASO Course conducted mishap prevention surveys at three installations. Visits were made to Ft Polk, LA; Hunter AAF, GA; and Ft Campbell, KY.

## SUMMARY OF ATTENDEES:

Total Students: 3,487

International Students: Australia (1), Kenya (2), Korea (5), Pakistan (1), Thailand (1), Canada (2), Spain (1), Holland (2)

Safety Assistance and Field Evaluations (SAFE) - The SAFE program remained as a "by request only" service. During 1982, a SAFE team evaluated the FORSCOM Flight Detachment, Atlanta, GA, and the Marshall Islands MICOM contracted facility.

## GENERAL SAFETY:

Centralized Accident Investigation (CAI): On 1 Oct 1982, USASC with the concurrence of the US Army Forces Command (FORSCOM), began a 6-month pilot CAI program for Class A (accidents which involve a fatality or \$200,000 in injury and damage costs) nonaviation accidents which occurred on FORSCOM installations. This program was initiated as a Department of the Army (DA) initiative to improve the quality of nonaviation accident causal data and to determine the validity of the concept for expansion of an Army-wide program upon completion of the 6-month program. As of 31 December 1982, USASC had investigated nine nonaviation accidents.

Analysis of Sports in Which Army Personnel Were Injured During FY 81: A special area of interest, Army sports activities, was analyzed and a technical report (USASC TR 83-1) was published in December 1982. Thirty-nine sports in which injuries occurred to Army personnel in FY 81 were evaluated to determine which sports best met the following criteria: (1) cost, (2) simplicity, (3) male/female participation, (4) ability to promote unit cohesiveness, and (5) injury severity. Sports were ranked on each criterion and the sports that best met all five criteria were determined. These sports were frisbee, softball, volleyball, track and field, and basketball. Five copies were distributed to each battalion size unit in the Army.

Privately Owned Vehicle (POV) Accident Prevention Support Kit: The POV Accident Prevention Support Kit was revised to update information on contemporary safety and POV accident prevention methods while expanding the role of motorcycle safety at the installation level. Kits were distributed to installation safety officers.

Analyses of Accident Producing Safety Problem Areas: A variety of important analyses were completed based on major accident problem areas affecting the Army and in support of field requests. These analyses included single-axle trailers; accidents in aviation unit ground environments; M60 tank accidents; parachute accidents; accidents involving drugs and alcohol; maintenance related personnel injury accidents; M880 tire problems; M151 accidents; aircraft materiel failures; dynamic rollover accidents; injuries resulting from marching and running; holiday safety accidents, and accidents experienced by a large Army installation which has subsequently been designated as a test site for implementing Army safety management policies.

Safety Associated Publications: The USASC developed and furnished to ODCSLOG, HQDA, a draft revision to chapter 3, Army Regulation 750-10, regarding Safety of Use messages, to better control identified hazards in Army nonaviation systems. USASC also initiated several publications designed to provide Army personnel guidance on implementing system safety. One will inform Army engineers how to use the Defense Technical Information Center to input and retrieve system safety reports for previous similar systems. The second publication will be a USASC Technical Report providing guidance on how to initiate and manage system safety programs for any Army system. Drafting of both publications was completed during CY 82 and Army-wide coordination was in progress at the end of the year.

Accident Reporting Test Program: A 1-year safety management test program was instituted at Ft Hood, TX, designed to minimize unit accident reporting and expedite receipt of accident report information by the Army Safety Center for recording in the Army Safety Management Information System (ASMIS).

Reporting of Army Accident Information: New codes were developed to provide for the accurate recording of occupational injury and disease information into the Army Safety Management Information System.

Engineering Research: Engineering research and inter-agency coordination was initiated with the Army Tank and Automotive Command and the Army Armaments Research and Development Command to identify safety "lessons learned" based on previous systems similar to two current major non-aviation developments - the High Mobility Multipurpose Wheeled Vehicle (HMMWV) and the Division Support Weapon System (DSWS) self-propelled 155mm howitzer.

#### AVIATION:

Centralized Accident Investigation (CAI): In CY 82, 57 major aviation accidents were investigated by USASC under the CAI program. Several significant discoveries were made during these investigations which had Army-wide impact on the safety of aviation operations. Included in these investigations was the Army's most catastrophic aircraft accident to date which occurred on 11 September 1982 and resulted in the death of 46 persons. Efforts to improve upon the standardization of the conduct of aircraft accident investigations and reports preparation continue. Two hundred and sixty-six aircraft accidents have been investigated under the CAI program since its inception.

Analysis of FY 81 Army Aircraft Mishaps: The USASC Technical Report of the Analysis of FY 81 Army Aircraft Mishaps, TR 82-1, February 1982, was distributed to DA staff and Major Commands. It was also distributed to aviation units, laboratories, and libraries. The report of the analysis made of 106 mishaps identified 33 different system inadequacies.

Developmental Systems: The USASC continued and strengthened assistance to TRADOC and Materiel Development and Readiness Command (DARCOM) in major system developments in order to monitor the application of system safety program requirements. Significant among the accomplishments in this area were--

USASC participation contributed to the planning of several tests including the canopy/rollover protection qualification test and height-velocity testing during the final portions of engineering development of the YAH-64 Advanced Attack Helicopter.

USASC initiated programs in support of the Army Helicopter Improvement Program (AHIP) - Near Term Scout Helicopter and the Joint Vertical Takeoff and Landing Aircraft - Experimental (JVX). Within the AHIP program, the USASC input to the January 1982 Human Factors Engineering Analysis (HFEA) laid a baseline for foreseeable human factors related hazards to be addressed during the development program. USASC encouraged the initiation early on of a dedicated system safety program which was accepted by the AHIP Program Manager in May 1982, resulting in the formation of an AHIP System Safety Working Group.

USASC participation in the JVX program insured system safety requirements and areas of concern were made integral parts of the system requirements, draft Request for Proposal, and other early planning for this development.

Engineering Improvements to Fielded Systems: USASC continued system safety support to engineering improvements to fielded systems. Chief among these were--

The UH-60A Crashworthiness Seminar hosted jointly with the Army Aeromedical Research Laboratory in May 1982. This seminar brought together representatives of organizations involved in crashworthiness basis research, aircraft/seat/restraint harness engineering development and production, accident investigation, biomedical injury analysis, and tactical use of Army aircraft to review and evaluate the performance in accidents to date of the many specific crashworthiness features of the UH-60A. The seminar has resulted in interim fixes being initiated in a number of areas, with longer term modifications being identified for consideration/funding in several other critical areas.

The USASC completed an evaluation and risk assessment of removal, for certain missions, of the standard troop seats from the UH-60. This study, published in January 1982, was performed to provide information to Army managers on the increased risks of this practice and resulted in a decision by the Director of the Army Staff that such removal would not be authorized for routine training missions.

USASC also initiated and sponsored an Army position that any helicopter external fuel tank installation (such as the range extension tanks on the UH-60 ESSS and the AH-64) be at least as crashworthy as the helicopter itself, so as not to negate the investment in the integral aircraft crashworthiness. This effort has resulted in the development (initiated August 1982) at the

Aviation R&D Command of system specifications for crashworthy 230-gallon tanks for the UH-60 ESSS and interest/funding from the USAF for the development of these tanks for use on both Army and Air Force UH-60s.

Simulation of Army Aircraft Accidents: The USASC continued safety research efforts to develop procedures and organizational interfaces for use of Army simulators in support of aircraft accident investigation, analysis, and research. The USASC simulation program was modified during CY 82 to utilize this type capability in other Army organizations or, through contract, in industry. The Army Aviation Center (Worldwide Software Support Branch) was funded to develop a capability to record and monitor certain flight variables on the AH-1 Synthetic Flight Training System (Cobra SFTS). The Applied Technology Laboratory of the Army Research and Technology Laboratories (AVRADCOM) was requested and performed analyses using the C-81 Rotorcraft Simulation Program math model to investigate an Army UH-1H Class A accident involving inflight breakup. A staff visit was made to the Army Program Manager for Training Aid Devices (PM-TRADE) to inform that organization of USASC requirements and request that new generation SFTS incorporate a capability for real time recording/monitoring and output of flight variables which would aid their use in accident investigations.

Flight Data Recorder (FDR): During CY 82, the USASC completed an analysis of Army experience in "unsolved" aircraft accidents and projected the benefits of an FDR for new generation aircraft such as the UH-60A and AH-64. This analysis demonstrated clear potential and benefits for installation of FDR in these type aircraft. A USASC-sponsored research study at the USAF Staff College, completed in CY 82, also demonstrated these benefits and projected that FDR installation in the UH-60A would be clearly cost-effective in reduced accident losses. USASC efforts to generate support for the FDR installation were partially successful and resulted in informal endorsement from the Vice Chief of Staff, HQDA (January 1982) and formal endorsement by the Army Aviation System Program Review (AASPR) general officer council (February 1982).

Crash Injury Research: Joint efforts were continued with the US Army Aeromedical Research Laboratory to identify the most prevalent causes of crash injury in Army aircraft accidents and the most pressing crashworthiness research, development, and acquisition programs necessary to reduce the identified hazards. Chief among the CY 82 accomplishments in this area was publication of a technical paper entitled, "Analysis of US Army Aviation Mishap Injury Patterns," presented jointly by USASC and USAARL to the 1982 technical meeting of the Aerospace Medical Specialists Panel of the Advisory Group for Aerospace Research and Development (NATO).

#### MANAGEMENT INFORMATION SYSTEMS:

Army Safety Center Computer: USASC upgrade of the computer system to support the Army accident prevention program continued in CY 82. The mainframe computer was upgraded to an IBM 4331 with future expansion programmed for an IBM 4341. Restructuring of the computer allowed on-line data retrieval capability while decreasing the response time. The acquisition of four additional disk storage devices and ten display stations further increased the on-line storage/retrieval capability of information and provided the first step toward development of a faster data entry capability through a full screen edit process.

Army Safety Management Information Systems Retrieval Processing System (ARPS): During CY 82, USASC completed programming for and implemented ARPS to provide a significantly enhanced process for data retrieval by MACOM. ARPS will provide the MACOM with the capability of direct query of accident data from the USASC Army Safety Management Information System (ASMIS) of selected data and will allow immediate display of information at the MACOM. This system greatly reduces the time presently required for the MACOM to receive safety related data and decreases the manpower requirements to obtain the data. It also provides the capability for the MACOM to utilize the statistical processing capability of the USASC computer and can provide immediate or delayed terminal retrieval of data and hard copy printouts by mail.

US Army Corps of Engineer (USACE) Accident Data: The USACE accident reporting form was completed and distributed to the field. USASC began receiving USACE accident data in January 1982. The information has been stored in the USASC computer with information being provided to USACE as requested. Approximately 1,500 accident reports were received from USACE during CY 82.

Alcohol and Drug Abuse Program: Automatic data processing support for the Army Alcohol and Drug Abuse Program continued in 1982 with development of an interactive query program procedure

anticipated to be operational in CY 83. Presently, USASC is receiving selected information and providing limited programming support through the Client Oriented Drug Abuse Reporting System (CODARS).

Reports: USASC provided 177 recurring reports (daily, weekly, monthly, etc.) to DOD, DA, and civilian customers worldwide, resulting in a cumulative total of 1,937 reports being processed. In addition, 1,100 ad hoc requests were processed of which 575 were aviation data requests and 525 were general safety data requests. The remainder were special and statistical data requests involving complex matrix and statistical comparisons and supporting charts and graphs. These reports supported the requirements of DOD regulations, DA, Congress, MACOM, installation, other military services, and other government agencies. USASC processed and coded 24,856 DA Form 285 accident reports, 4,520 Preliminary Reports of Aircraft Mishaps (PRAM), and 304 DA Form 2397 reports. In addition, 142 teardown analysis reports and 2,588 accident exposure documents (DA Form 2398) were received and processed.

#### COMMUNICATIONS:

Publications: Significant publications published by the Safety Center during 1982:

- Flightfax (49 weekly issues)
- Countermeasure (12 issues)
- System Safety Newsletter (1 issue)
- US Army Aviation Digest (accident prevention material in 12 issues)
- Safety Tips for Aviation Operations During Field Training Exercise
- Analysis of Sports in Which Army Personnel Were Injured During FY 81
- Analysis of FY 81 Army Aircraft Mishaps

Films: The following safety training films were developed and produced in 1982 by the Army Safety Center:

- "Driving for the Army - A Job for Professionals"
- "Hot Weather Training - The Safe Way"
- "High Density Altitude Operations"
- "Trust Your Instruments - Not Your Senses"
- "Loss of Visual Cues"

Safety Presentations: The commander and other senior members of the organization presented 22 special briefings as part of the CH-47 reassurance effort and 23 safety stand-down programs. In addition, approximately 16 safety briefings were presented by request at various meetings, conferences, and symposiums.

HQDA System Safety Program Plan: In October 1982, the USASC hosted an Army System Safety Workshop. This workshop provided for discussion and initial coordination of the major initiatives of the DA program plan with the agencies affected. The workshop also provided a basis of understanding for completion of a number of related actions. These actions included development of a DA System Safety Lessons Learned data base, improvement of system safety during developmental and operational test and evaluation and strengthened safety feedback from the user to the combat and materiel developers for all Army systems.

Joint Services Safety Conference (JSSC): USASC hosted the Twenty-First Joint Service Safety Conference in September 1982. The conference was attended by military and civilian safety specialists from the US Army, US Navy, US Air Force, and the US Coast Guard, who comprised the principal delegates. Observers from other US Army and federal agencies also attended. The JSSC is an annual event and is the primary forum available to the services to discuss and resolve matters of mutual interest and concern pertaining to aviation safety.

MACOM Safety Managers Conference: The US Army Safety Center hosted the US Army MACOM Safety Managers Conference on 19 and 20 April 1982. The conference was attended by the Director of Human Resources Development, ODCSPER, HQDA, and senior safety managers from each MACOM. The objective of the conference was to finalize the Army Safety Program 3-10 Year Plan and provide a forum to discuss support capability available to the MACOM. A second conference was held at HQDA in December 82.

Joint Training Exercise Participation: USASC provided a team of safety observers to the joint command training exercise "Team Spirit" in January 1982.

# US ARMY AEROMEDICAL CENTER



## MISSION:

Provides health services to authorized personnel within the Fort Rucker health service area, including inpatient and outpatient medical and dental care and treatment to active duty and retired military personnel, their family members, and other personnel as authorized by the Department of the Army; veterinary food inspection, animal care and zoonotic control; and preventive medicine services.

Advises appropriate staff elements of the Department of the Army and US Army Health Services Command (USAHSC) on all aspects of aeromedical education, physical fitness standards, and safety pertaining to Army aviation personnel. Monitors Phase I and Phase II of the Army Aerospace Medicine Residency Training Program. Operates the Army Aeromedical Education Program in coordination with the Academy of Health Sciences (AHS). Plans, prepares, and reviews Army aeromedical literature for the US Army Aviation Center (USAAVNC) and other proponents. Provides representation to all aviation oriented administration boards.

Acts as the aeromedical representative for the Office of the Surgeon General at various meetings, conferences, and inprocessing reviews.

## ORGANIZATION:

The organizational structure is in accordance with USAHSC Regulation 10-1 with approved deviations. The US Army Aeromedical Center (USAAMC) Regulation 10-1 reflects detailed information.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Robert J. Kreutzmann	Commander	Entire Year
COL Dudley R. Price	Chief, Professional Services	Dep - 1 Jul 82
COL Alex F. Sanchez	Chief, Professional Services	Arr - 1 Jul 82
COL Donald L. Naylor	Chief of Staff	Dep - 30 Jul 82
COL William R. Hill	Chief of Staff	Arr - 2 Aug 82

## ACCOMPLISHMENTS:

Construction for the expansion of Lyster US Army Community Hospital began in April.

A total of 2,403 people received inpatient care and 188,854 received care on an outpatient basis.

Aviator students trained in aeromedical subjects totaled 3,292.

Aviator students trained in the altitude chamber totaled 3,225.

Flight Surgeons trained and awarded 61ND9 MOS totaled 95.

Flight Surgeons trained in the TH-55 helicopter totaled 88.

A total of 151 medical evacuation missions and 51 Military Assistance to Safety and Traffic (MAST) missions were flown by the Air Ambulance Branch (FLAT IRON).

A total of 332 USAAMC personnel participated in annual field training.

A total of 1,125 flying hours were devoted to support of the FLAT IRON crash rescue mission.

SHORTCOMINGS:

Lack of all required medical specialties continues to inhibit comprehensive delivery of health care at Lyster US Army Community Hospital (LUSACH). The most critical shortages are Orthopedics, Urology, and Dermatology.

# US ARMY AEROMEDICAL RESEARCH LABORATORY (USAARL)



## MISSION:

Conducts research and development on health hazards of Army aviation, tactical combat vehicles, and selected weapons systems. Assesses the health hazards from noise, vibration, acceleration, impact, and visual demands of such systems and defines the measures to offset hazards.

Assesses stress and fatigue in personnel operating these systems and develops countermeasures. Assists in development of criteria upon which to base standards for entry and retention in Army aviation specialties. Assists other USAMRDC laboratories and institutes in research on the bioeffects of laser systems, medical defense against chemical agents, impact of continuous operations on individual and crew performance, and development of improved means of patient evacuation. Assesses current life support equipment to identify causes of failure and devise improved design. Assists the combat developers and materiel developers of new Army aviation and tactical combat vehicle systems to recognize and eliminate health hazards as early as possible in the developmental cycle. Conducts collaborative research with other Department of Defense and other Federal agencies on medical research and development issues of common concern.

## ORGANIZATION:

The US Army Aeromedical Research Laboratory (USAARL) is a medical research laboratory of the US Army Medical Research and Development Command (USAMRDC), and a Field Operating Agency (FAO) of the Office of the Surgeon General. USAMRDC has responsibility for the administration and coordination of the research, development, test, and evaluation programs of the Army Medical Department.

USAARL is organized under TDA MDW 03YAA MDO182, dated 1 July 1982, and operates with three research divisions, two support divisions, and the headquarters command.

Authorized personnel strength was 153; actual strength as of 31 December 1982 was 30 officers, 56 enlisted, and 95 civilians. Co-op students, student aides, and temporary hires are counted in the civilian positions total.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Dudley R. Price	Commander	Arr - 2 Jul 82
COL Stanley C. Knapp	Commander	Dep - 1 Jul 82
LTC Roger W. Wiley	Deputy Commander	Entire Year
LTC Roger P. Hula II	Executive Officer	Entire Year
2LT David B. Jackson	Adjutant/Detachment Commander	Arr - 16 Jun 82
MAJ Jerry I. Baugher	Adjutant/Detachment Commander	Dep - 15 Jun 82
Sybil H. Bullock	Chief, Scientific Information Center	Entire Year
Maxine S. Middleton	Chief, Resource Management Branch	Entire Year
SFC Thomas Cranford	First Sergeant	Arr - 31 Mar 82
SFC Allison Hutcheson	First Sergeant	Dep - 30 Mar 82
Kent A. Kimball	Director, Biomedical Applications Branch	Entire Year
MAJ Bruce C. Leibrecht	Director, Sensory Research Division	Entire Year

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC Aaron W. Schopper	Director, Biodynamics Research Division	Entire Year
LTC Frank E. Chapple III	Director, Research Systems Division	Arr - 30 May 82
MAJ Webster P. Langhorne	Director Research Systems Division	Dep - 29 May 82
Charles D. Williams	Director, Technical & Logistical Services Division	Entire Year

ACCOMPLISHMENTS:

Co-op Program: The Cooperative Education Program continued to thrive at USAARL with the demand for Co-op students exceeding the authorizations. Two additional Co-op spaces were authorized for USAARL for a total of 11 positions. A total of 26 Co-op students participated in the program in CY 82. Twelve were new students and seven were graduate students. The first conversion of a Co-op student to a permanent position occurred. Three new universities were added to the program, and liaison visits were made to a number of schools.

Worker-Trainee Program: USAARL became a participant in this program and three civilian clerical employees were trained to GS-3 level and placed in permanent positions. Additional trainees were requested for FY 83 and are expected for the training.

Flight Hours: Research aviators assigned to USAARL flew four aircraft modified as research platforms for 335 hours of research missions and 319.20 hours of training missions for a total of 654.20 flight hours during CY 82.

Technical Program Review: USAARL conducted a Technical Program Review which consisted of an overview of USAARL's research programs to include recent completions, ongoing projects, and projects planned for the immediate future. Attendees included representatives from the US Army Health Services Command, US Army Medical Research and Development Command, US Army Academy of Health Services, US Army Aviation Center, and tenant organizations as well as the USAARL consultants.

20th Anniversary Celebration: In June 1982, an Open House was held to celebrate the anniversary of the Laboratory.

Surveys and Audits: Among the many surveys and audits conducted were the USAMRDC Manpower Survey, USAMRD Internal Review, Command Supply Inspection, and a Maintenance Assistance and Instruction Team Visit.

TARP: In October 1982, USAARL hosted the Tri-Service Aeromedical Research Panel (TARP) technical meeting on "Aeromedical Evacuation, Equipment, and Procedures." Presentations were made by Army, Navy, and Air Force personnel.

Memorandum of Understanding: A Memorandum of Understanding between the US Army Medical Research Institute of Chemical Defense and USAMRDC Institutes/Laboratories involved in research in chemical defense management of the extramural contract in medical chemical defense was signed.

Custodial/Maintenance Services: A custodial and maintenance services contract arrangement for servicing the new research facility was successfully negotiated. This is a "first ever" type service arrangement at Fort Rucker and is serving the new facility quite effectively.

Scientific Information Center: This is the centralized scientific information and reference center for the Army aviation community concerning aeromedical and life sciences research. Additional responsibilities added during CY 82 included directing USAARL's Cooperative Education Program and assuming the responsibility for technology transfer as mandated by the Stevenson-Wydler Technology Innovation Act of 1980. The Scientific Information Center also arranged and publicized scientific seminars held at USAARL during the year.

The Writer-Editor Office continued to provide technical editing and writing, public and command information coordination, exhibit support, and laboratory historical research. Special publications this past year included "USAARL in Review" and an abbreviated history of USAARL.

which was prepared for the Change of Command ceremony. The production of a videotape entitled "USAARL Is..." was completed for use as an orientation or briefing on USAARL.

USAARL became an active participant in USAMRDC's electronic mail system, MAILBOX. Additionally, an on-line data base system (DIALOG) became operational. Forty-six literature searches were done using this system. Plans were made for a dedicated telephone line and a data phone to enhance the system's effectiveness.

A Junior Fellowship Program was established at USAARL, and our first "fellow," (a valedictorian of a local high school) was assigned as a GS-2 library aide.

A Memorandum of Agreement for Provision of Library Services to the Rapid Deployment Joint Task Force (RDJTF), MacDill AFB, Florida, by USAARL, was signed.

Several efforts were undertaken in support of a large scale study to determine anthropometric criteria for Army aviators; cockpit-referenced seated eye positions of rated Army aviators were recorded for several of the Army's principal rotary wing aircraft; data collection was accomplished to evaluate the fit of both very large and very small persons in all of the aircraft employed by either the active, reserve, or National Guard components of the US Army; and data collection was begun for the strength-related assessment of physical force exertion capabilities of males and females upon helicopter controls.

A determination was made of the impact characteristics of tank gunner brow-pad recoil impacts associated with the firing of large-bore weapons mounted upon lightweight armored vehicles.

A large scale survey of back pain among approximately 700 US Army aviators was undertaken. The data is being analyzed.

Additionally testing of the impact absorbing characteristics of recently developed "crushable" earcups was accomplished.

Concept evaluation of two onboard oxygen generating systems (OBOGS) using molecular sieve technology was conducted in a JUH-1H rotary wing aircraft. The results obtained to date indicated that sufficient oxygen is generated by these units to support two subjects in a dynamic breathing study. Work on the OBOGS continues.

This visual performance data base was expanded to include a comparison of helicopter copilot workload while using three navigation systems during nap-of-the-earth flight. The visual data was analyzed and a final report published.

In a study of US Coast Guard behavior during search and rescue operations, visual data was collected from aircrew members in an HH-3F helicopter and lookouts aboard an 82-foot cutter and a 210-foot cutter. The data was analyzed, and a final report published.

Two oxygen masks (MBU-12P and the British P/Q) were evaluated for breathing resistance, field of view, and comfort. Results indicate that the British P/Q mask has lower exhalation resistance and somewhat greater field of view. At year's end, the subjective evaluation of comfort was continuing.

A modified faceplate for the AN/PVS Night Vision Goggle was designed and evaluated. This design, which offers several advantages over the standard faceplate including unaided vision downward and to the sides, was strongly preferred by NVG-qualified aviators.

The effects of red versus blue-green cockpit lighting on dark adaptation were compared in an in-flight field study with the UH-1. Insignificant differences were noted between the two lighting conditions.

The effect of whole-body random vibration on visual performance was assessed in aviator candidates with minor astigmatic or oculomotor anomalies. Compared with highly selected normals, astigmats showed high decrements under vibration, while eso- or exophorics showed minor decrements.

In support of the Advanced Attack Helicopter Program, a mathematical analysis of dynamic image degradation occurring in CRTs was developed incorporating interactions between the target/sensor relative velocity, the CRT system scan rate, and the persistence of the display phosphor.

Optical testing was performed on the Integrated Helmet and Display Sighting System (IHADSS). In addition, medical evaluation of a commercial spectacle, trade name Gargoyles, was conducted.

A flash-protective goggle (PLZT) was evaluated in various Army helicopters. Three problem areas were identified: Triggering by rotor-blade generated light fluctuations, inadequate transmission for inside-the-cockpit viewing, and difficulty with night operations.

Neurophysiological experiments have begun on chemical agent antidote effects on the visual system. Initial efforts have focused on physostigmine and DFP administered in cats. The capability to correlate cholinesterase and enzyme levels with changes in the cortical visual evoked potential has been established.

Single nerve cell recording techniques in the sea slug, *Aplysia*, have been used in preliminary studies of chemical agent antidotes. Atropine, physostigmine, DFP, diazepam, and other compounds were evaluated for their effects on the membrane potential of extraretinal photoreceptor cells.

Analysis of data from a man-rating study of the M198 howitzer was completed. The results showed that E-A-R earplugs provided adequate protection for as many as 12 rounds per day with the top zone charge (M203).

Studies were conducted with chinchillas to determine the relationships between auditory injury and the level and number of impulses per exposure session. Preliminary results are inconsistent with current exposure standards for impulse noise.

A study was completed assessing the effects of chemical defense masks and oxygen masks on speech intelligibility and real-ear attenuation characteristics of the SPH-4 helmet. While all the masks degraded intelligibility, only two of the chemical masks degraded attenuation.

The standard hearing protectors specified in TB MED 501 were evaluated to establish attenuation requirements when measured with the ANSI S3.19 standard. The results will be used to modify attenuation requirements in the Military Specifications.

The extent of hearing loss among aviators at Fort Rucker, Alabama, was investigated using epidemiologic techniques. Information has been obtained to identify factors which may contribute to hearing loss among aviators.

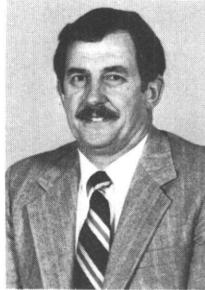
#### PUBLICATIONS:

During 1982, USAARL published 11 letter reports and 16 technical reports. Five scientific seminars were held at the laboratory. Numbers and titles of the technical report were--

- USAARL 82-1 Direct and neighboring sensitivity changes produced by red and blue-white adapting fields.
- USAARL 82-2 Analysis of US Army aviation mishap injury patterns (reprint).
- USAARL 82-3 Studies of aural nonlinearity and the mechanisms of auditory fatigue, Part II: Epidemiologic methods in noise-induced hearing loss.
- USAARL 82-4 Comparative evaluation of SPH-4 helmets from DLA 100-80-C-2226 and DLA 100-78C-1041.
- USAARL 82-5 Oscillations in the visual response to pulsed stimuli.
- USAARL 82-6 Pursuit rotor tracking performance in conjunction with extended flight operations in a helicopter simulator.
- USAARL 82-7 Preliminary study on scanning techniques used by US Coast Guard lookouts during search and rescue missions.
- USAARL 82-8 Comparison of helicopter copilot work load while using three navigation systems during nap-of-the-earth flight.

- USAARL 82-9 Performance impact of current United States and United Kingdom aircrew chemical defense ensembles.
- USAARL 82-10 Cathode-ray-tube raster line selector with horizontal modulation capability.
- USAARL 83-1 Modified faceplate for AN/PVS-5 Night Vision Goggles.
- USAARL 83-2 Threshold shifts and cochlear injury in chinchillas exposed to octave bands of noise centered at 63 and 1,000 Hertz for 9 days.
- USAARL 83-3 Hearing loss from low frequency noise (reprint).
- USAARL 83-4 Physiological impact of wearing aircrew chemical defense protective ensembles while flying the UH-1H in hot weather.
- USAARL 83-5 Analysis of image smear in CRT displays due to scan rate and phosphor persistence.
- USAARL 83-6 Psychological effects of chemical defense ensemble imposed heat stress on Army aviators.

# US ARMY RESEARCH INSTITUTE FIELD UNIT



## MISSION:

The mission of the US Army Research Institute Field Unit (ARI) at Fort Rucker is to conduct aircrew selection and training research and to provide technical support to the US Army Aviation Center (USAAVNC) in the area of aircrew performance, selection, and training. The development of modernized aviation systems has produced changes in the roles of aviators in these systems and, as a result, it has become increasingly necessary that aviator's roles--their functions, capabilities, skills, and training--be subjected to the same degree of scientific scrutiny as the hardware itself. In its program of research, ARI seeks to insure that the training of aviators and their integration within the complex man-machine systems of Army aviation is optimized.

## ORGANIZATION:

The ARI Field Unit at Fort Rucker is an activity of the Army Research Institute for the Behavioral and Social Sciences headquartered in Alexandria, Virginia, a field operating agency of the Deputy Chief of Staff for Personnel.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Charles A. Gainer	Field Unit Chief	Entire Year
Dr. Michael G. Sanders	Technical Team Manager	Entire Year
Dr. Robert H. Wright	Technical Team Manager	Entire Year
Major Gordon L. Rogers	Research & Development Coordinator	Dep - 16 Jul 82

## ACCOMPLISHMENTS:

Aviator Flying Skills Sustainment. Objective - To devise techniques to help rated aviators, both in the Active Army and the Reserve, enhance and maintain their combat readiness and develop methods for assessing this readiness.

Individual Ready Reserve (IRR). The goal of this effort is the development of a Program of Instruction (POI) to retrain IRR Army aviators back to proficiency after prolonged flight layoffs. The training program will be exportable to Forces Command (FORSCOM) units and will minimize requirements for instructor pilot involvement. A 2-year, self-paced, self-study IRR aviator POI was proposed and developed during FY 82. As well, 47 IRR aviators used the POI while training at USAAVNC during FY 82. Training with the POI will continue into FY 83 with interim reports developed which describe the POI and progress on the project.

Aircrew Training Manual (ATM). The ATM sets the number of iterations of each flight maneuver or task Active Army aviators must perform to maintain acceptable proficiency. The goal of this effort is the development of the iteration requirements by varying the amount of practice flight training a group of aviators receives for 6 months and observing the relationship between amount of training and proficiency. During FY 82, a test plan to establish ATM iteration requirements was developed, approved, and initiated. Selected USAAVNC staff aviators participated in the evaluation which required the performance of 06 iterations of ATM tasks during a 6-month period. The evaluation was completed at the end of the first quarter of FY 83. An initial review of the results of the evaluation will be provided to the sponsor during the second quarter of FY 83.

## Development and Evaluation of Exportable Modules for Combat Units.

NOE Lexicon. A POI developed to standardize terms and procedures for cockpit communication during Nap-of-the-Earth (NOE) navigation was subjected to validation. The POI validation was initiated in the fourth quarter of FY 82 and completed in the first quarter of FY 83. The POI proved to be of significant value and shall be provided to the USAAVNC in the third quarter of FY 83.

Light Attenuating Filter. A light attenuating filter and goggle has been developed for use as a pilot night training device which will enable aircrews to train for nighttime flight operations during actual daylight conditions. This night flight training during the day will permit increased emphasis on night tactical training currently impeded by a variety of safety and statutory (noise abatement, etc.) constraints. A POI has been established for training with the device and an evaluation plan has been developed to determine the training effectiveness of the POI and night training device. The training effectiveness evaluation will be completed at a FORSCOM unit during FY 83.

Flight Training Systems and Simulation Requirements. Objective - Support of Army agencies in development of flight simulator requirements. Development of flight simulator characteristics and Programs of Instruction for utilization in aviator training and selection that results in maximum aviator training effectiveness for minimum costs.

UH-60 Flight Simulator (FS) Tests. Sustainment training test of the UH-60 FS began in the second quarter of FY 82 and ended in the third quarter of FY 82. The UH-60 FS Operational Test (OT) II for institutional training was also completed. Camera model board and computer generated images were found to be about equal in training effectiveness averaged over all maneuvers, but costs were lower for computer generation.

## Training for Combat Effectiveness.

Threat Training. Research objectives are as follows:

Identify relative importance of threat elements using a magnitude estimation approach.

Evaluate current Army aviator's threat knowledge using a paper and pencil test.

Develop air-to-air helicopter target identification and engagement requirements for use in POI developments. A preliminary form of a questionnaire was developed for the evaluation of combat weapons systems knowledge deficiencies among Army aviators.

Aircrew Performance Measurement and Evaluation. A research plan was developed and work initiated on the development of a Combat Skills Grade Sheet for use at the USAAVNC.

Selection and Assignment of Army Aviators. Objective - To develop and evaluate tests and other measures for the purpose of predicting performance in the Army flight training program and assignment of student pilots to mission-specific helicopter training tracks.

Aviator Selection. An alternate form of the Revised Flight Aptitude Selection Test (RFAST) was developed in FY 82. A research effort is in progress to determine a score equating system for the alternate and primary forms of the RFAST. Articles addressing various elements of the Army selection process were published in the June 1982 issue of Aviation Digest and December issue of Aviation Space Environmental Medicine.

Aviator Classification. A Mission Track Assignment Battery (MTAB) was developed which will be used to aid in the assignment of student aviators to the four missions: Aeroscout, Attack, Utility, and Cargo. Testing with the battery was initiated in FY 82 and will continue in FY 83. Student performance in each training course will be correlated with test results.

Aviation Warrant Officer Retention. An Aviation Warrant Officer (AWO) Separation Form was developed for field testing in FY 83. The separation form provides a means to obtain a continuous closed-loop feedback system which will provide the Military Personnel Center (MILPERCEN) and USAAVNC with current information (e.g., MOS and flight experience) about recent AWO losses to the Army as well as information on factors influencing attrition.

## **TECHNICAL ADVISORY SERVICE**

Technical Advisory Service (TAS) includes training research and technical consultation, within the capability of the Fort Rucker Army Research Institute Field Unit, which will be provided as requested to the Commanding General, United States Army Aviation Center, and to all elements within the USAAVNC. If a TAS request exceeds Field Unit capability, or is outside the aviation area, the appropriate ARI Laboratory or Field Unit is contacted for support.

# DARCOM LOGISTICS ASSISTANCE OFFICE



## MISSION:

The mission of the Fort Rucker Logistic Assistance Office (LAO) is to represent the Commanding General, United States Army Materiel Development and Readiness Command (DARCOM), at Fort Rucker and in the states of Alabama and Mississippi in all logistic matters of mutual interest; provide a focal point for exchange of logistic intelligence between user activities and DARCOM headquarters; and perform liaison activities to foster good customer relations, improve customer service, and assist in resolving major non-routine problems within the DARCOM area of responsibility.

## ORGANIZATION:

The Fort Rucker Logistic Assistance Office is organized as a single unit composed of DARCOM representatives collocated with Field Maintenance Technicians (FMTs) for the various DARCOM readiness commands. The Logistic Assistance Offices are assigned to the Commanding General, DARCOM, and operate as a part of DARCOM headquarters. In matters directly related to prompt resolution of significant logistic problems, the LAOs communicate directly with the appropriate elements of the DARCOM complex. LAOs are authorized to coordinate and communicate directly with all major Army commands, separate agencies and commands, the Army National Guard, and the US Army Reserve and Reserve Officers' Training Corps.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Billy V. Genter	Chief	Entire year
Mr. Ronald G. Short	Logistics Mgt Spec (LMS)	Entire year
Ms. Joyce M. Rudd	Secretary	Entire year
<u>Field Maintenance Technicians attached to the LAO</u>		
Mr. Robert J. Cone	US Army Armament Materiel Command (ARRCOM)	Arr - 1 Jun 82
Mr. Samuel E. Mills	US Army Communications Electronics Materiel Readiness Command (CECOM)	Entire year
Mr. Russell F. Miller	US Army Missile Command (MICOM)	Arr - 28 Jun 82
Mr. Lawrence W. Fleck	US Army Tank-Automotive Command (TACOM)	Entire year
Mr. Cidney H. Cox (Gulfport, MS)	US Army Troop Support & Aviation Materiel Readiness Command (TSARCOM)	Dep - 23 Apr 82
Mr. Roy H. Dixon (Meridian, MS)	US Army Troop Support & Aviation Materiel Readiness Command (TSARCOM)	Entire year
Mr. Irwin G. Rice	US Army Troop Support & Aviation Materiel Readiness Command (TSARCOM)	Dep - 23 Mar 82
Mr. Jerry W. Richter	US Army Troop Support & Aviation Materiel Readiness Command (TSARCOM)	Arr - 14 Jul 82

NOTE: The Fort Rucker LAO is authorized one officer and two civilians. Field Maintenance Technicians are provided by readiness commands when requested by the installation.

## ACCOMPLISHMENTS:

During CY 82, there was a significant increase in the requirements placed on the LAO by DARCOM headquarters. The Fort Rucker LAO was required to closely monitor the readiness posture of all units (Active, Reserve, and National Guard) within the states of Alabama and Mississippi; to evaluate and report any incidents/accidents within this area in which materiel failure of DARCOM equipment was suspected; to assist in the fielding of new equipment; to support developmental testing of new equipment; and to increase training support/assistance.

A quarterly schedule of visits was maintained with the National Guard and Reserve Components and active duty units/organizations at Fort McClellan and Redstone Arsenal, Alabama. A maximum effort to increase LAO visibility and provide additional support to National Guard/USAR units in Alabama and Mississippi and three Class I installations was continued and greatly increased the LAO work load. As a result, over 1,100 requests for assistance were received, 1,258 man-hours were expended training 1,418 students, over \$109,000 cost savings were realized, and 184 Logistic Information Feedback Reports were submitted.

Annual training (AT) at Camp Shelby, Mississippi, continued to be one of the major missions supported by the LAO. An LAO Field Office was established and operated at Camp Shelby from 1 May - 7 August 1982. This office was manned full time by LAO Field Maintenance Technicians from ARRCOM, CECOM, and TSARCOM. Camp Shelby is the site for annual summer training of over 100,000 National Guard and Army Reserve personnel.

Fort Rucker LAO personnel were totally involved in the fielding of new equipment which included assistance in deprocessing, organizational and DS/GS maintenance training, warranty support, and follow-up reporting on equipment failures and material defects. New equipment supported during this period, which was issued to units throughout the two-state area, included M915 and M920 series commercial construction equipment vehicles, DV43 rough terrain construction handler, M90 radar chronograph set, AN/APM-E05A transponder test set, and AH-1 Modernized Cobra. Redistribution of equipment to National Guard units in Alabama and Mississippi included AN/GRC-142 radio teletypewriter sets, AN/GRC-122A radio teletypewriter sets, FSQ-75 air traffic control communications set, AN/TSQ-97 air traffic control facility, and AN/TSW-78 air traffic control center. In addition, LAO personnel participated and assisted with Mobilization and Emergency Deployment Readiness Exercises, to include establishing a second office in Mississippi during "Proud Sabre" Mobility Exercise. The LAO assisted Directorate of Industrial Operations (DIO) personnel at Fort McClellan and Fort Rucker in resolving problems identified by Command Logistics Review Team (CLRT), Logistic Assistance Team (LAT), Aviation Resource Management Survey (ARMS) visits, Inspector General (IG), and Aviation Center Training and Analysis and Assistance Team (ACTAAT) visits.

Increase logistic/supply assistance support by obtaining and using, on a daily basis, a remote data terminal to provide "real time" supply requisition status to customers.

LAO made visits to 87 National Guard and US Army Reserve units/organizations during FY 82.

# ARMY NATIONAL GUARD (ARNG) MULTI-MEDIA GROUP



MISSION:

Manages a national level media program providing dedicated support to both the Army National Guard aviation and safety programs.

ORGANIZATION:

The ARNG Multi-Media Group is under the operational control of the Chief, Army Aviation Division, National Guard Bureau, and the military control of Headquarters, Alabama National Guard. Logistical and administrative support is provided by the US Property and Fiscal Office for Alabama.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Gary E. DeKay	Manager	Entire Year
MAJ Kenneth O. Boley	Manager	Dep - 16 Oct 82
CW3 William W. Shawn	Training Specialist (Aviation)	Entire Year
CW2 Ronald G. Swihart	Illustrator	Entire Year
SSG Jules M. Hobbie	Media Specialist	Entire Year
Mrs. Shirley Hughes	Administrative Sepcialist	Entire year

ACCOMPLISHMENTS:

A total of 22,211 lessons was distributed throughout the ARNG in the television, sound slide, slide script, audiotape, 16mm film, printed, and Beseler Cue See formats.

A total of 65,670 full-color posters was distributed in support of the Group's general safety, aviation safety, and aviation life support equipment educational and awareness programs.

Final lessons of a Range Safety Training Course for ARNG safety managers and range safety officers and noncommissioned officers (NCOs) began development by Army Training Support Center Training Extension Course (TEC) program contractors.

Final lessons of a Unit Safety Officer/NCO Training Course for ARNG safety officers and NCOs also began development by either the Group or by TEC program contractors.

Two comprehensive, multifaceted safety special emphasis countermeasure programs aimed at reducing ARNG accidents and fiscal losses were designed and fielded Guard-wide. Major program elements and their distribution figures were as follows:

Operation Safe-Guard III, "Doin' It Right Ain't No Gamble" (Annual Training 1983)

Videotape	272
16mm film	379
Posters (four different ones)	23,500
Brochure	490,000
T-Shirt iron-on	490,000
Calendar card	490,000

Operation Safe-Flight I, "Professionalism"

Videotape	90
Poster	320
Decals	10,000

An ARNG Aviation Accident Review - FY 81 presentation covering the major aviation accidents of FY 81 was developed and distributed Guard-wide to aviation facilities.

Past special emphasis programs, such as the ones indicated previously, and accident review presentations have contributed significantly to improved aviation safety and general safety records in the ARNG. National Guard Bureau statistics indicate that the ARNG Army motor vehicle accident rate decreased by 53.5 percent from 1979 to 1982, and a 62 percent reduction of Class A aviation accidents occurred in 1982 over 1981. A similar reduction of combined Class A, B, and C accidents also occurred, from 52 in 1981 to 35 in 1982, with nearly a \$6,000,000 reduction in material and injury costs.

A Group production on OH-58 aircraft loss of tail rotor effectiveness was adopted by the Army and distributed worldwide to major commands. An ARNG program involving a brochure and posters was developed to publicize and give support to the National Safety Council "Make It Click" vehicle seat belt campaign.

SHORTCOMINGS:

The major shortcoming impacting upon the Group's program in 1982 involved failures of the TEC development structure to meet contractual completion dates. Numerous lessons of the Unit Safety Officer/NCO Training Course and the Range Safety Course programmed to be completed in 1982 were not completed as scheduled.

Additional shortcomings involved Group in-house productions which were not completed as scheduled. Factors which contributed to the situation included a backlog of graphic support, the assumption of additional programs not scheduled at the beginning of the year, and the restructuring of production priorities.

# DEFENSE PROPERTY DISPOSAL OFFICE



MISSION:

To receive, classify, and store excess and surplus property generated by installation activities; effect disposition of property through reutilization, transfer, donation or sale; and provide advice and technical assistance to the installation commander on disposal matters.

ORGANIZATION:

The Defense Logistics Agency (DLA) is assigned the responsibility for worldwide integrated management of the Defense Property Disposal Program. The Defense Property Disposal Service (DPDS), a major field agency of DLA, headquartered in Battle Creek, Michigan, exercises program management and staff supervision of the Defense Property Disposal Program. The DPDS is comprised of five regions; Defense Property Disposal Region (DPDR) Pacific, DPDR Europe, DPDR Ogden, DPDR Columbus, and DPDR Memphis, headquartered in Memphis, TN. The Defense Property Disposal Office (DPDO) Rucker is a field activity of the Memphis Region. The activity is organized into the following elements:

- Administrative Support
- Documentation
- Property Management
- Reutilization
- Sales Preparation

KEY PERSONNEL

POSITION

ARRIVAL/DEPARTURE DATES

Loretta Culpepper, GS-11	Property Disposal Officer	Entire Year
Enzell Tharpe, GS-9	Property Utilization Specialist	Entire Year
Willie G. Faniel, GS-7	Property Disposal Specialist-Merchandising	Entire Year
John W. Powell, WL-6	Receipts Coordinator	Entire Year

ACCOMPLISHMENTS:

During FY 82, the activity accomplished the following:

Line Items Received:	20,226	Acquisition Cost	\$17,458,000
Line Items Disposed of:	10,695	Acquisition Cost:	\$15,126,000
Line Items Reutilized:	1,930	Acquisition Cost:	\$ 6,014,000
		(an increase of over 2 million dollars)	
Line Items Transferred to Other Federal Agencies:	271	Acquisition Cost:	\$ 226,000
Line Items Donated:	2,385	Acquisition Cost:	\$ 1,547,000
Usable Property Sold			
Acquisition Cost:	\$1,109,000	Proceeds:	\$ 110,000
Percent of Returns:	5%		
Sale of Scrap, Net Tons:	753	Proceeds:	\$ 43,922

## Precious Metals

Received from the installation and shipped to Defense Property Disposal Precious Metals Recovery Office-Earle for recovery.

Grams of Silver: 17,065

Pounds of Precious Metal Bearing Metals: 17,872

The reutilization of property to the Department of Defense and authorized federal agencies, to include forestry services, is the main emphasis of the disposal program. Established goals for generations, reutilization, transfers, donations, and sales were met and exceeded. This is quite significant in view of the loss of one clerical position which remained vacant for half the year and the downgrade action of two wage grade positions.

### SHORTCOMINGS:

Outside storage facilities continue to be a problem. Facilities are located over an abandoned sanitary landfill on a hillside. Erosion is a constant problem. The paved aisles are buckled from the settling of the landfill. Some improvements were made to this area; however, not all improvements needed were accomplished. Future plans call for improvements to the facilities, scrap segregation, and storage of property and scrap. Major improvements like projects for moving scrap yard, blacktopping, and graveling require approval by DPDR regional office and the installation.

Established goal for proceeds was not met due to the national economy and type of property offered for sale.

# FORT RUCKER RESIDENT AGENCY, THIRD REGION, USACIDC



MISSION:

To provide criminal investigative support to all Army elements located within a geographical area of responsibility encompassing 27 counties in southern Alabama, 10 counties in northwestern Florida, and 41 counties in southern Mississippi.

ORGANIZATION:

This office is part of the US Army Criminal Investigation Command (USACIDC). The Command is the Army's sole agent for worldwide investigation of serious crimes committed by members of the Army or committed against the Army. USACIDC is organized with headquarters in Falls Church, VA, with six subordinate operating elements - five regions and a separate district of Washington, D.C. The regions supervise the investigative mission performed by field units (field offices, resident agencies, and branch offices) scattered worldwide. There are also three criminal investigation laboratories within USACIDC: one in CONUS, one in Europe, and one in the Pacific. The Fort Rucker Resident Agency is part of the Fort Benning District, USACIDC, which is part of the Third Region, USACIDC, which is headquartered at Fort Gillem, GA.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
SA James B. Boyd	Special Agent in Charge	Entire Year
SA Morris E. Carlton, Jr.	Chief, Investigative Support	Entire Year
SA Herbert M. Gladwill, Jr.	Criminal Information Officer	Entire Year
SA David J. Zeliff	C, Drug Suppression Team	Entire Year
Ms. Helen Elmore	C, Administrative Support	Entire Year

ACCOMPLISHMENTS:

Investigative activities of the Fort Rucker Resident Agency involved a 10 percent increase in the number of on-post crimes investigated. The increase resulted primarily from more awareness, by both unit personnel and personnel in the various post activities, of "white collar" crimes. Pursuance of such investigation identified more than \$100,000.00 in US Government funds that were paid under fraudulent circumstances; identified several "white collar" criminals; and provided justification for the recovery of the funds from those criminals. The Drug Suppression Team maintained a highly active program, resulting in 51 drug dealers being identified and arrested, and further resulting in the confiscation of controlled substances valued about \$63,154.00. There was continued emphasis on Crime Prevention Surveys, and such surveys were the stepping stones that led to many of the "white collar" criminal acts being identified. Polygraph examinations and Criminal Information Reports remained relatively stable during the period. There was a 50 percent increase in the number of Requests for Assistance received from other CID elements, worldwide. There was an increase of about 73 percent in the number of evidence vouchers generated as a result of all investigative activities. The office was tasked to provide manpower support for one protective Service Mission in the local area and for a prolonged mission in the area of Washington, D.C. The office was reduced in size from a Field Office to a Resident Agency in October 1981, and the year of 1982 was the first full year that Criminal Investigation Support was provided to the installation by so few personnel. From all indications, there was no reduction in the quality of support provided. The excellent rapport between the Resident Agency, the Office of the Provost Marshal, and the Office of the Staff Judge Advocate contributed immensely to the success enjoyed by all involved.

# US ARMY DENTAL ACTIVITY



## MISSION:

The mission of the US Army Dental Activity (DENTAC) is to provide dental diagnosis, treatment, consultation, and preventive care to all eligible beneficiaries. The Dental Activity is responsible to the Commanding General for the dental health of the Fort Rucker community and the oral health readiness posture of his troops. The Dental Activity also provides readiness training for its own personnel, as well as Reserve and National Guard individuals assigned for annual training.

## ORGANIZATION:

The DENTAC is organized into three separate clinics. Dental Clinic #1 provides comprehensive treatment for all active duty military personnel and limited care for retired military personnel. Fort Rucker is authorized to provide dependent dental care by the Department of Defense, consequently, Dental Clinic #2 provides comprehensive care on a space available basis to family members of active duty personnel. Dental Clinic #5 provides comprehensive care to children, age 12 and under, of active duty personnel.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Belman C. Maddox	Commander	Entire Year
1LT Samuel E. Faires	Executive Officer	Entire Year
SFC Phyllis A. Walker	First Sergeant	Entire Year
COL Kahn K. Walker	Chief, Dental Clinic #1	Entire Year
LTC Ellis T. Mullinax	Chief, Dental Clinic #2	Arr - 6 Jul 82
LTC Ralph H. Civjan	Chief, Dental Clinic #5	Arr - 15 Jul 82

## ACCOMPLISHMENTS:

DENTAC production increased from 316,434 procedures in FY 81 to 338,762 procedures in FY 82, while the average number of dentist assigned decreased from 14 to 13, respectively. Over \$2,158,000 worth of dental treatment was provided to the Fort Rucker community. The percentage of work load produced compared to the personnel assets provided (return on assets) was 103 percent, exceeding the HSC goal of 100 percent. This increase in productivity was partially a result of a reorganization into a general dentistry configuration for the provision of dental services.

Renovation of Dental Clinic #2 was completed. Major structural alterations were made to improve energy efficiency and to increase the comfort of the patients and staff.

A memorandum of understanding was signed allowing the USAAMC to utilize operating rooms in Dental Clinic #3 pending final renovation. The dental operatories will return to use by the DENTAC upon completion of the new construction.

A design for a distinctive unit crest was approved along with authorization for procurement.

Training objectives were achieved. Field training was conducted for 100 percent of DENTAC personnel. The average SQT score was raised from 87 percent in 1981 to 92.5 percent in 1982. Equal opportunity training and implementation was found to be viable at the DENTAC by a Health Services Command equal opportunity staff assistance visit.

## SHORTCOMINGS:

The dental processing of a reserve unit deploying to REFORGER '82 illustrated a major problem to be addressed by the reserve force. Unit personnel did not report with dental records, including

dental identification charts. There was no provision for maintaining these records and a large percentage of the individuals required extensive treatment. These facts were noted through command channels.

# USACC SIGNAL BATTALION—FORT RUCKER



## MISSION:

Plan, program, operate, and maintain Communications-Electronics (C-E) systems at Fort Rucker. Provide air traffic control services for all military and civil aircraft operating within the Fort Rucker control zone, to include programming, operating, and maintaining. Provide communications support for the installation Emergency Operations Center. Serve as the Communications-Electronics Staff Officer on the Installation Commander's Staff. Maintain liaison with the Federal Aviation Administration (FAA). Plan for and furnish operational support for stagefields as required by the installation. Provide on-site backup direct support (DS) and general support (GS) level maintenance for nontactical air traffic control (ATC) navigational aids (NAVAIDS) facilities within the 7th Signal Command area of responsibility. Provide a direct exchange (DX) repair and supply facility for nontactical ATC and NAVAIDS equipment.

## ORGANIZATION:

Department of the Army, Headquarters, US Army Communications Command Permanent Order 109-1, dated 22 September 1981, redesignated and reorganized USACC-Fort Rucker as USACC Signal Battalion-Fort Rucker, effective 1 November 1981. Under the new organization, the unit consists of the Command Section, Headquarters Support Company, Air Traffic Control Company-Basefield, and Air Traffic Control Company-Stagefield. The Command Section includes the Commander, Deputy, S2/S3, S4, S1, and Command Sergeant Major.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC Paul J. Turcotte	Commander	Dec 81 - Present
Mr. Gerald H. Jones	Deputy	Jan 75 - Present
MAJ Raymond F. O'Neill	S2/3	Oct 80 - Aug 82
Mr. Jerrell B. Justice	S2/3	Aug 82 - Present
MAJ Alexander D. Tarker	S4	Apr 81 - Oct 82
Mr. Benjamin F. Howell	S4	Oct 82 - Present
1LT Keith L. Thornton	S1	Jul 82 - Present
CSM James K. Brock	CSM	Jul 80 - Mar 82
SGM William M. English	CSM	Mar 82 - Present
CPT Kathleen Boyer	CDR, HSC	Aug 80 - Dec 82
1LT Dennis R. Cleven	CDR, HSC	Dec 82 - Present
CPT James A. Fuller	CDR, ATC Co B/F	Oct 80 - Present
1LT David T. Dunn	CDR, ATC Co S/F	Nov 81 - Mar 82
CPT Michael T. Inman	CDR, ATC Co S/F	Mar 82 - Present
Mr. Benjamin F. Howell	C, ATC/NAVAIDS Maint Div	May 51 - Present
Mr. Sam C. Williams	C, Comm Div	Oct 52 - Present
Mr. Samuel T. Benton	C, ARAC Div	Mar 55 - Present
Mr. Donald Eagerton	C, AMF/ATC Div	Jul 60 - Present

## ACCOMPLISHMENTS:

USACC Signal Battalion-Fort Rucker formed; troop billets relocated and orderly rooms established.

Consolidated Battalion SOP published; company SOP's completed.

Detailed review of tables of distribution and allowances (TDA) and completed manpower survey recognized the need for an additional 70 personnel in the battalion.

"Total Facility Concept" established with each division chief assuming complete responsibility for the training, appearance, and welfare of his soldiers; the upgrade and maintenance of his facility; and the preparation of a professional briefing for official visitors.

Quarterly awards program established to recognize the battalion's best facility each quarter.

Battalion Training Management Center established with the addition of a battalion classroom, training offices, and a Training Extension Course (TEC) tape library.

Air traffic control personnel were provided in support of the Federal Aviation Administration during the air traffic controllers' strike.

Twenty-two air traffic control towers were overhauled and upgraded, enhancing operational capabilities and extending the service life of the towers another 5 to 10 years.

High frequency radio station established.

Dial Central Office Maintenance Program revamped; key system installed.

Six hundred pair telephone cables and two television cables installed from Fort Rucker to Route 134.

Twenty-six nondirectional beacons replaced with new solid state beacons.

New navigational lighting installed in air traffic control towers.

"Uniscope 200" system installed in the Telecommunications Center enhancing the capability of efficiently process outgoing messages.

A new ground controlled approach facility was installed at Blue Springs Stagefield.

Tower cab at Lowe Army Heliport was completely renovated.

Seventy percent reduction in PLL accomplished; over \$250,000 worth of excess parts turned in.

Ordered, received, and issued sufficient quantities of NBC equipment for battalion personnel; established a battalion NBC room.

Commended for having the best maintenance program by the ATC Maintenance Evaluation Team.

# 3588TH FLYING TRAINING SQUADRON (AIR TRAINING COMMAND) USAF

## MISSION:

Squadron personnel monitor the overall Army Initial Entry Rotary Wing (IERW) pilot training program and Rotary Wing Qualification Course; conduct Air Force Service Unique flight training; provide administrative assistance to Air Force students undergoing training; and serve as liaison between the Army and the Air Force. Close association is maintained with the US Army Aviation Center Directorate of Training and Doctrine to assure a constant observation of the quality of academic and flight training and to evaluate and make recommendations for changes to Army Programs of Instruction (POI) and Flight Training Guides (FTG). Air Force POIs and FTGs are controlled and updated by squadron personnel.

## ORGANIZATION:

The organizational structure is in accordance with Air Training Command Regulation 23-1, with approved deviations. This regulation contains all detailed information pertaining to this unit.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC Hans E. Hanson	Commander	Entire Year
LTC Donald M. Douglas	Executive Officer	Dep - 24 May 82
MAJ Edward W. Gmyrek	Executive Officer	Arr - 15 May 82
MAJ Richard L. Gardner	Operations Officer	Entire Year
CPT Harry W. Whitaker III	Chief, Stan/Eval	Entire Year
CPT Bruce R. Gunn	Chief, Academics	Dep - 31 Jul 82
CPT Michael R. Kerr	Chief, Academics	Arr - 24 Feb 82
CPT William M. Collins	Chief, Flight Training	Dep - 15 Dec 82
CPT Robert A. Smith	Chief, Flight Training	Entire Year
1LT George S. Wamhoff	Executive Support Officer	Entire Year
Mrs. Annette S. Collins	Secretary	Entire Year

## ACCOMPLISHMENTS:

3588FTS Supplement 1 to AFM 51-2, the Buddy Instructor Pilot Program, was implemented. This program consists of local training conducted to improve a new Air Force instructor's teaching abilities and increase his technical knowledge.

The unit received an "excellent" rating on a Management Effectiveness Inspection from personnel at Headquarters Air Training Command, Inspector General's Office, Randolph AFB, Texas.

The unit received the National Safety Council Award of Commendation for 1981. This marks the second year in a row that we have received this award.

The unit received an overall "excellent" rating on a formal standardization/evaluation inspection of the unit conducted by Headquarters Air Training Command.

The squadron graduated a total of 90 Undergraduate Pilot Training - Helicopter (UPT-H) students during the year. Of these students, 34 received graduate honors.

A Supervisors Training Program was initiated in the unit. This program is designed to instruct new staff officers about Air Training Command and local Fort Rucker procedures that will affect their normal duties. On the Air Training Command Standardization/Evaluation inspection, the program received an excellent rating.

The 3588FTS was also working with HQ, USAF, to adjust the Program Flying Training (PFT) document. The PFT has been adjusted to reduce the number of students programmed into the IERW course. This reduction is expected to help reduce the current surplus of helicopter pilots in the Air Force. During these discussions, we were able to obtain two more H-53 assignments to special duty H-53 units and five H-60 assignments for new UPT-H graduates.

The Army and Air Force worked out an acceptable solution to the Instrument Land System (ILS) equipped aircraft problem. ILS equipment is being installed on more aircraft at Cairns AAF which will allow ILS training to remain a part of the IERW program.

SHORTCOMINGS:

We still have not received the final copy of the Air Training Command syllabus for UPT-H Air Force Unique Training.

## HISTORY OF FORT RUCKER

On October 23, 1935, the Federal government created the Pea River Cooperative Land Use Area, purchasing 32,251 acres in Dale and Coffee counties.

The pre-World War II expansion of the Army resulted in a survey of the Pea River Area in 1941 by the War Department. The acreage of the Pea River Area was transferred to the War Department from the Department of Agriculture.

Additional land was purchased from local land owners and construction of the Ozark Triangular Division Camp began on January 22, 1942. The installation was dedicated 120 days later on May 1, 1942, after a civilian army of 12,000 workers had rushed the construction. The 81st Infantry Division was the first tactical unit to train here, to be followed by the 35th, 98th, and 66th Infantry Divisions.

In 1943, the installation was renamed to honor Colonel Edmund Winchester Rucker, a Confederate Officer that served with Lieutenant General Nathan Bedford Forrest.

During the late stages of the war, Camp Rucker was converted to an Advanced Infantry Replacement Training Center, and was inactivated February 28, 1946.

The Korean War brought the southeast Alabama installation back into being, with its reactivation on August 9, 1950. Troops from the 406th Engineer Brigade and the 301st Logistical Command arrived the following month, with the 47th Infantry Division reporting in January 16, 1951. Camp Rucker served as a training site for these units until its deactivation in June 1954, following transfer of the 47th Division to Fort Benning, Georgia.

This inactivation was short-lived, and Camp Rucker began its present career with an announcement July 23, 1954, that the Army Aviation School would be moved from Fort Sill, Oklahoma. The advance party arrived in August. By Christmas, seven classes were taught on a regular schedule.

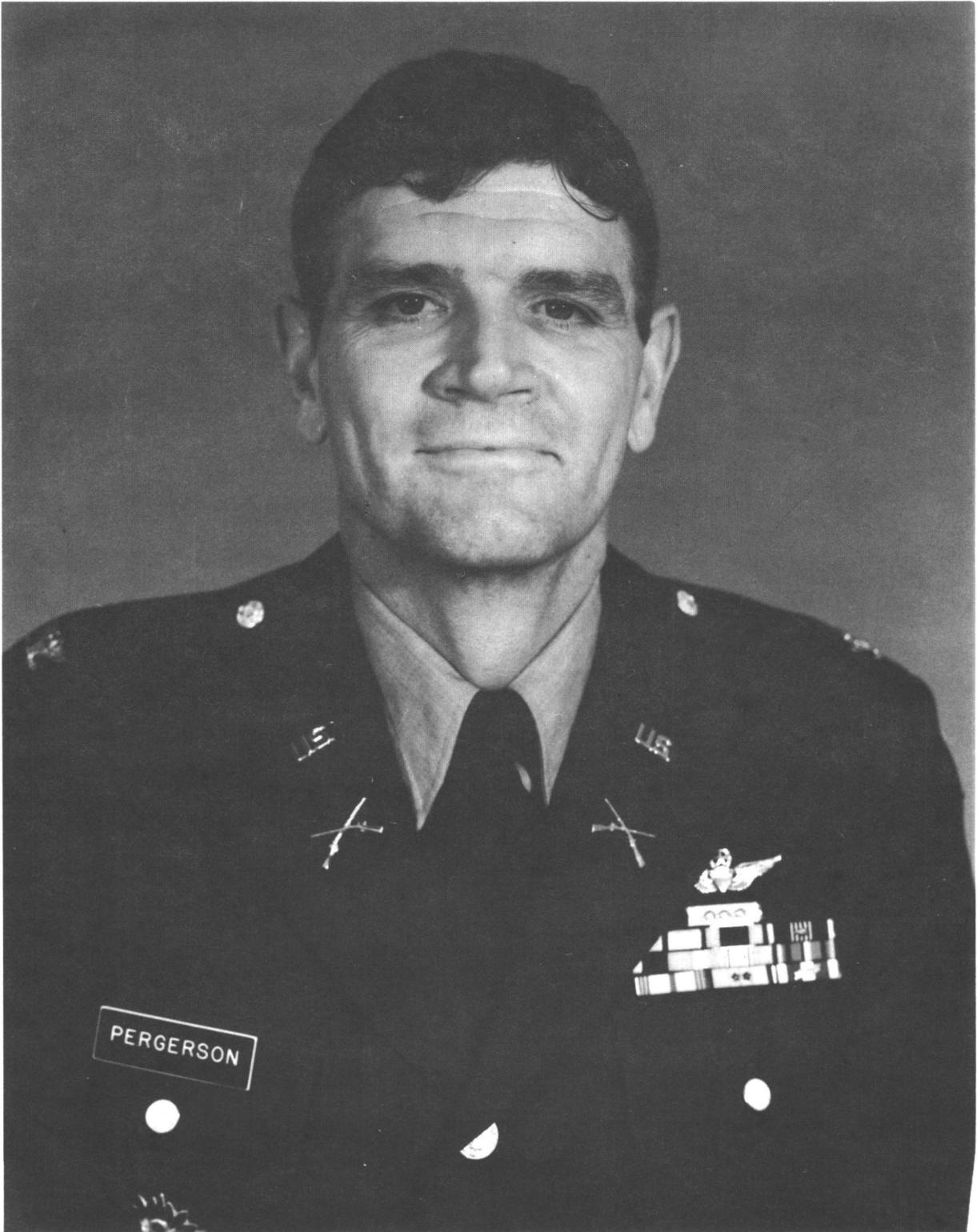
The installation became a permanent Army post on October 26, 1955, when it was redesignated Fort Rucker.

The Army Aviation School was organized with five departments--the Department of Aviation Maintenance, the Department of Tactics and General Subjects, and the Department of Publications and Non-Resident Instruction. Also included was the Army Aviation School Regiment, Combat Development Officer, School Secretary, and the Director of Instructions coordinator of the training departments.

In addition to the Aviation School and the support activities of the Aviation Center, Fort Rucker was also the home of other major Army aviation agencies. In this group were the Army Aviation Test Board of the Test and Evaluation Command, Army Materiel Command; the US Army Combat Development Command Aviation Agency; the US Army Board for Aviation of the Assistant Chief of Staff for Force Development, Department of the Army; The Aviation Chief of Staff for Force Development, Department of the Army; the Aviation Human Research Unit of the Human Resources and Research Office, George Washington University; and the Aero-Medical Research Unit from the Office of the Surgeon General, Department of the Army. These agencies, although parts of independent commands, worked with the School and with each other in solving common problems in Army Aviation.



Brigadier General Richard D. Kenyon served as Deputy Commanding General, United States Army Aviation Center/Fort Rucker from July 1981 to September 1982.



Colonel Benard S. Pergerson, Jr., served as Chief of Staff, United States Army Aviation Center/ Fort Rucker, from 19 June 1980 to 10 July 1982.



Colonel Richard E. Mackin served as Assistant Chief of Staff/Deputy Installation Commander, United States Army Aviation Center/Fort Rucker from 14 July 1980 to 19 July 1982.

# COLONEL EDMUND WINCHESTER RUCKER

## Bibliography

Born on 22 July 1835 in Rutherford County, Tennessee, he spent his early youth on a farm, receiving his education in the public schools of Wilson and DeKalb counties. At the age of 18, he went to Memphis to learn civil engineering and at the outbreak of the War Between the States he was a city engineer.

Enlisting in the Confederate Army as a private, he was promoted to Lieutenant by Governor Isham G. Harris of Tennessee in less than 2 months. In the fall of 1861, Lieutenant Rucker was appointed commander of a company of soldiers and promoted to captain. By the spring of 1863, he was promoted to the rank of colonel and appointed to command the First Tennessee Legion composed of the Twelfth and Sixteenth Battalions.

At the battle of Nashville in December 1864, Colonel Rucker was captured after suffering a severe wound that resulted in the loss of his left arm. By the time General Robert E. Lee surrendered, Colonel Rucker was on his way home as an exchange prisoner. At the end of the war, he was in command of a brigade and, therefore, was referred to as "general." According to his official biography, he stated many times that his commission as a brigadier general had been issued but it never reached him.

He came to Alabama in 1869 and for 2 years, worked with railroad companies and in 1872 was made president of the Salem, Marion, and Memphis Railroad. In 1882, he moved to Birmingham where he was president of the Birmingham Compress and Warehouse Company and the East Birmingham Iron Roofing and Corrugating Company. He was also director of the Alabama Loan Company and the Alabama National Bank.

Colonel Edmund Winchester Rucker died April 13, 1924, in Birmingham at the age of 88. According to Mr. Albert B. Moore's history, he was reputed to be one of the last surviving brigade commanders of the Confederate Army.

In June 1943, the Ozark Triangular Division Camp was renamed in honor of Colonel Edmund Winchester Rucker, an outstanding Confederate Officer.

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