

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



*WE STRIVE FOR EXCELLENCE*

**ANNUAL  
HISTORICAL SUPPLEMENT  
1981**

**US ARMY AVIATION CENTER  
AND  
FORT RUCKER**

**ANNUAL HISTORICAL SUPPLEMENT  
1981**

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

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## PREFACE

This annual historical supplement is a resume of events at the US Army Aviation Center and Fort Rucker for calendar year 1981. 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.

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The US Army Aviation Center and Fort Rucker Annual Historical Supplement for 1981 was prepared in compliance with TRADOC Supplement 1 to AR 870-5.



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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)



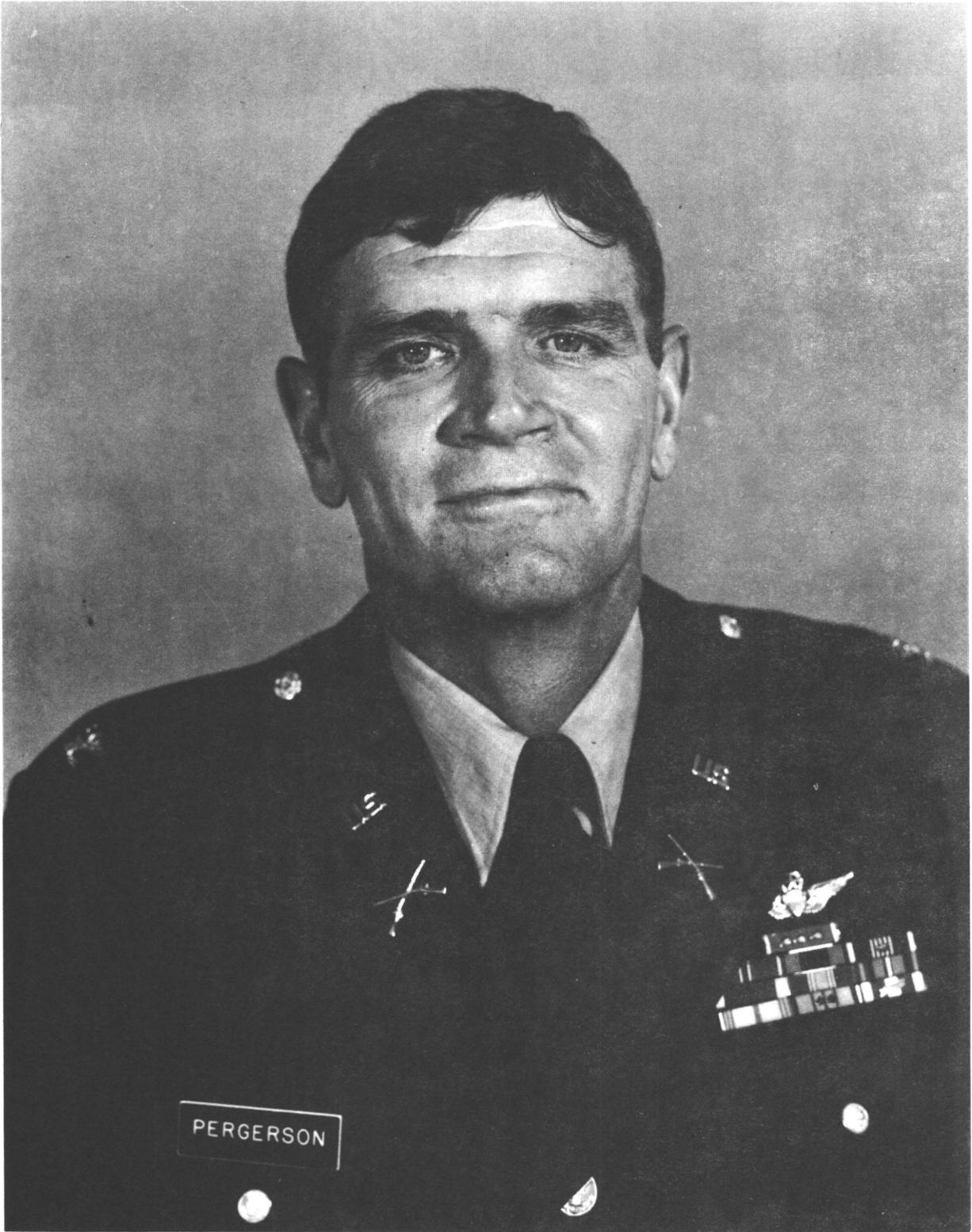




Major General Carl H. McNair, Jr., Commanding General of the United States Army Aviation Center/  
Fort Rucker, 1981.



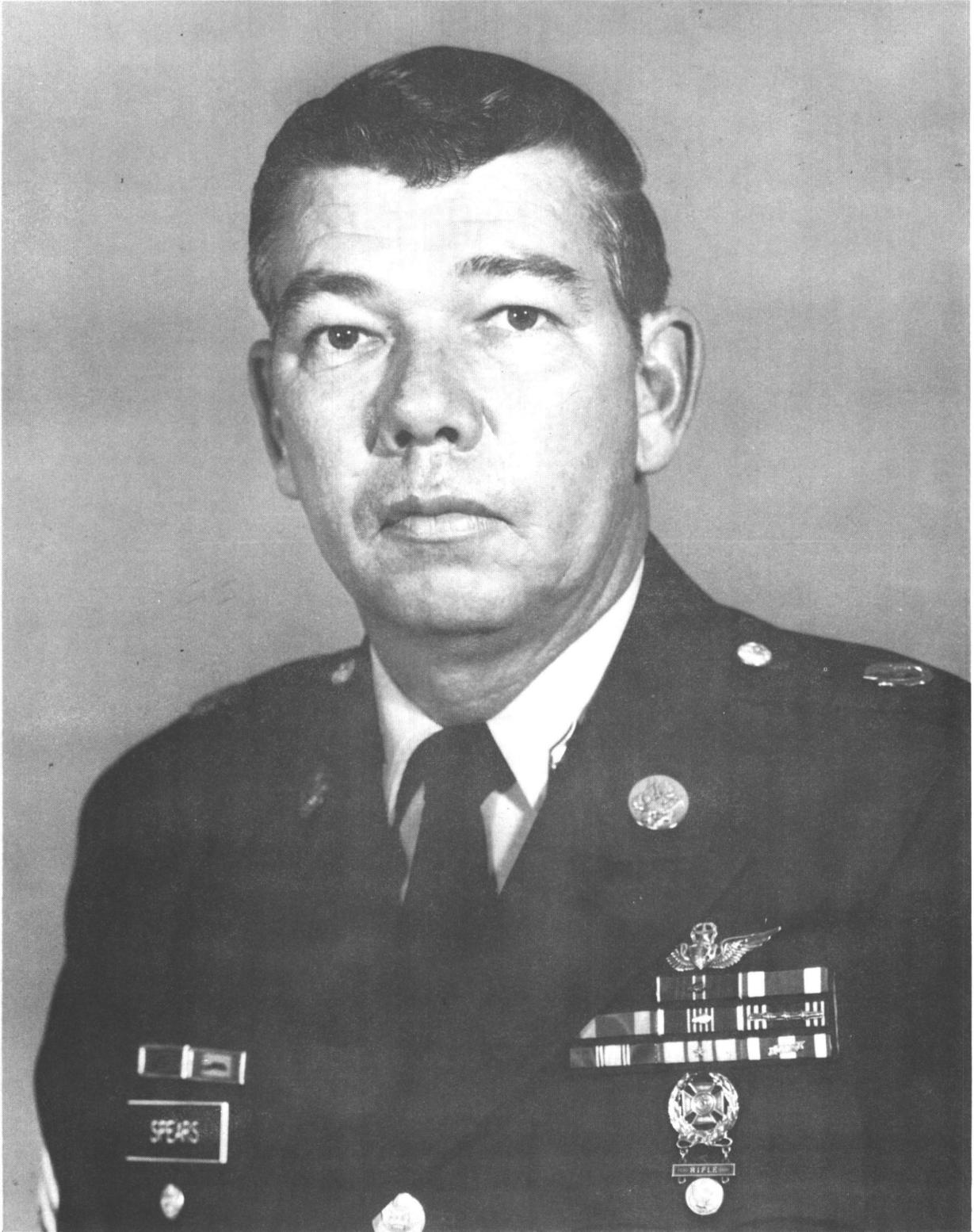
Brigadier General Richard D. Kenyon, assigned as Deputy Commanding General, United States Army Aviation Center/Fort Rucker, on July 1981.



Colonel Benard S. Pergerson, Jr., Chief of Staff, United States Army Aviation Center/Fort Rucker, 1981.



Colonel Richard E. Mackin, Assistant Chief of Staff/Deputy Installation Commander, United States Army Aviation Center/Fort Rucker, 1981.



Command Sergeant Major D. L. Spears, Command Sergeant Major, United States Army Aviation Center/ Fort Rucker, 1981.



# 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, 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 headquarters, the Resource Management Office, the Aviation Training Library, two divisions, and two instructional departments:

- 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:

Key personnel who served during the year on the DOTD staff were:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Joseph F. Rutkowski	Director	20 Feb 81 - Present
COL Kenneth J. Burton	Director	Dep - 20 Feb 81
LTC Larry E. Stuart	Executive Officer	Entire Year
CPT Don M. Franks	C, RMO	20 Jul 81 - Present
MAJ Joseph M. Lacey	C, RMO	Dep - 20 Jul 81
Ms M. L. Durkin	C, ATL	Entire Year
SGM John P. Traylor	SGM, DOTD	2 Nov 81 - Present
SGM Hulon J. Jackson	SGM, DOTD	Dep - 2 Nov 81

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

DOTD Staff authorized strength at the end of 1981 was: Officers, 23; Warrant Officers, 13; Enlisted, 57; Civilians, 44; Total, 137.

## ACCOMPLISHMENTS:

DOTD accomplishments will be covered in the division/department input.

SHORTCOMINGS:

Staffing shortages throughout DOTD caused severe problems during 1981. While the directorate's mission was accomplished, delays in filling vacancies (particularly civilian) impacted adversely on timely, quality output.

## ***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 Branch, Programs/AVMIS Branch, Training Standards Branch.

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Marvin H. Baker	Chief, TMD	8 Dec 81 - Present
LTC Robert E. Sapp	Chief, TMD	Dep - 8 Dec 81

## ***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 non-training 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 VIP's and interested personnel.

ORGANIZATION:

Operates under direction of Training Management Division.

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT Lawrence J. Buehler	Chief, Plans Branch	15 Jun 81 - Present
CPT Robert Gilbert	Chief, Plans Branch	Dep - 14 Jun 81

ACCOMPLISHMENTS:

World Helicopter Competition - In March 1981, USAAVNC hosted the Army Flyoff for the World Helicopter Championships. This 3-day competition was held to select the best aviators from TRADOC and FORSCOM to represent the United States during the international competition held in Poland in August 1981. The flyoff was highly successful. An Army crew, selected at USAAVNC, placed first during the international competition.

7th EURO/NATO Symposium - DOTD sponsored the 7th EURO/NATO Basic Helicopter Pilot Training Symposium. This was held 2-6 November 1981 at Fort Rucker. 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 developed an interim aviation mobilization training mission based on maximum utilization of peacetime assets.

AH-1S(FM) Cobra Course - With the implementation of the AH-1S(FM) course in mid-August, it became apparent that the current fleet would not meet training requirements for FY 82. DOTD, in conjunction with Directorate of Industrial Operations (DIO), developed and presented to United States Army Troop Support and Aviation Materiel Readiness Command (TSARCOM) and the Project Manager (PM) Cobra a plan to change AH-1S(FM) aircraft numbers and configuration. TSARCOM and the PM Cobra approved the plan in late November and current planning has delivery of all aircraft by mid-April 1982. Implementation of this plan will increase aircraft available for training and lighten some aircraft to allow for touchdown autorotation training.

Weather Satellite - In June 1981, Detachment 9, 5th Weather Squadron began to receive (every 30 minutes) a picture of weather over the southeastern United States as viewed from a weather satellite. This data more than supplements the limited number of ground-based weather observations contained within the Fort Rucker flying area. The unit can now more closely follow and advise command and control of severe weather and early morning fog and stratus. The latter is of critical importance to flight training using night vision goggles.

CH-47 Aircraft Qualification Course (AQC) Turnaround Program - During the FY 81 Assistant Commandant/Deputy Commander and the Aviation Center Training Analysis and Assistance (ACTAAT) visits to United States Army, Europe (USAREUR), the question arose about sending Initial Entry Rotary Wing (IERW) turnaround warrant officers, W-1s and lieutenants to CH-47 Chinook units. DOTD initiated a test program to turn around 12 officers/warrant officers into the CH-47 Aviator Qualification Course (AQC) from IERW, with follow-on assignments to Fort Hood and Fort Campbell to track their performance.

67N and 67V POIs - The 67N and V POIs were reorganized to insure that USAAVNC will produce qualified skill level 10 UH-1 Iroquois and OH-58 Kiowa aircraft mechanics. These are the first lock-step classes taught to mechanic trainees at Fort Rucker in many years. Indications are that efforts will produce the desired results; i.e., a doer not a helper. In support of this program, 12 ground runnable aircraft were received this year.

101st UH-60 Black Hawk Training - During the last quarter of CY 81, Fort Campbell requested a special training program for its UH-60 pilots. Twelve students were integrated into the normal Department of the Army (DA) AQC and a special unscheduled class was completed during the Christmas holidays. Upon completion of the ground school portion of their training, the 101st pilots were returned to Fort Campbell for their UH-60 flight training.

Air Traffic Control (ATC) Training - Radar approach control training was removed from the 93J POI to provide for the needs of the field and not overtrain radar controllers. Due to the Army's increased need for tower operators (because of the ATC strike) DOTD increased its tower operator student loads by over 30 percent.

Doctrinal Literature - During CY 81, Doctrinal Literature personnel researched, wrote, and edited two doctrinal publications. Camera-ready mechanicals for both are at the Army Training Support Center (ATSC) to be printed and distributed to the field in early CY 82. These are: FM 1-101, Aircraft Battlefield Countermeasures and Survivability and FM 1-103, Airspace Management and Army Air Traffic in a Combat Zone. The Doctrinal Literature Officer acted as an integrator to insure that Army aviation's role was adequately and correctly addressed in the AirLand Battle and How-To-Fight literature. Additionally, he assisted in the development of new concepts and doctrine for Army aviation through participation in the Army Aviation Mission Area Analysis and the subsequent Army Aviation Systems Programs Review (AASPR).

IERW - Implemented and integrated the Ground Radar Emitter for Training Aviators (GRETA) into the IERW program. This program was enhanced significantly by incorporation of 24 hours of NBC (nuclear, biological, chemical) training and 12 hours of professional development.

Aeroscout Training - Aeroscout training was increased from 10 to 20 students per class. Night Hawk (NH) and Night Vision Goggle (NVG) qualification were incorporated into aeroscout training. This increased the course from 8 to 12 weeks.

Attack Training - AH-1 Cobra qualification training was expanded from 4 to 6 weeks, 2 days. The hours were increased from 23 to 38. The USAAVNC AH-1S fleet was upgraded with the addition of 23 TAH-1S(FM) aircraft. TAH-1S(FM) maintenance difficulties affected training and safety. Heavy weight of TAH-1S(FM) resulted in 34 skid cuff and crosstube failures from September-November 1981. Armament weight (approximately 700 pounds) has been removed from 11 aircraft to safely conduct contact training. Four attack instructor pilots were deployed to Kenya to provide tube-launched, optically-tracked, wire-guided missile (TOW) training. Area of operations "Apache" was developed to facilitate tactics training in attack helicopters.

Cargo Training - Four Egyptian aviators were trained to support the Egypt initiative to utilize the CH-47.

Primary Training - Fifty-two cadets from the United States Military Academy (Class of 1982) received familiarization training in the TH-55 Osage. All attained solo proficiency. Sixty-one flight surgeons received familiarization training in the TH-55. Fifty-three attained solo proficiency.

UH-60 Training - The UH-60 AQC/IPC increased from 8 to 24 students per class. Correspondingly, the UH-60 fleet at USAAVNC increased from 4 to its present 10.

OV-1 Mohawk - The entire USAAVNC Mohawk fleet (six) was exchanged on a 1:1 basis for a completely modified OV-1D from the Grumman Plant in Stuart, Florida.

## ***AIRFIELD/AIRSPACE BRANCH***

### MISSION:

Advises the Directorate of Training and Doctrine 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 (ATC), and aviation safety matters.

### ORGANIZATION:

Operates under direction of Training Management Division.

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT K. George Price	Chief	19 Nov 81 - Present
MAJ Alan D. Fenty	Chief	Dep - 17 Sep 81
CW3 Euel E. Henry	Safety Officer	31 Mar 81 - Present
Mr Forrest E. Faulkner	Air Traffic/Airspace Officer	Entire Year

### ACCOMPLISHMENTS:

Monitored installation of a new ATC tower at Troy Airport, Troy, Alabama.

Monitored completion of stagefield upgrade plan, project number 213 (PN-213).

Coordinated establishment of nondirectional radio beacon instrument approach to Marianna Airport, Marianna, Florida.

Coordinated support for elements of the 101st Airborne Division at Shell Army Heliport in support of Operation BOLD EAGLE 81.

Completed 1981 review of USAAVNC Supplement 1 to AR 95-1 and USAAVNC Pamphlet 95-15.

Implemented plan to develop a centralized, working aviation life support equipment (ALSE) program for USAAVNC and the Aviation School.

## ***PROGRAMS/AVMIS BRANCH***

### MISSION:

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

### ORGANIZATION:

Operates under direction of the Training Management Division.

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT Myron E. Pangman	Acting Chief	21 Oct 81 - Present
Mr. William C. Carn, Jr.	Chief	26 May 81 - 20 Oct 81
MAJ Anthony W. Sobul	Chief	Dep - 25 May 81

### ACCOMPLISHMENTS:

Maintained an intensive management program of IERW student pilots that resulted in the Aviation Center graduating two over DA production requirements for 1981. This was a first for the Aviation Center since the Vietnam era.

Established new procedures for programming the Warrant Officer Candidate Military Development (WOCMD) Course, significantly reducing previous backlogs, and subsequently insuring sufficient Warrant Officer Rotary Wing Aviator Course (WORWAC) students enter flight training.

Graduate course shortfall was reduced from 14.4% in FY 80 to 7.6% in FY 81.

Programed proposed Saudi Arabian Land Forces (SALF) program and FY 83 Mobilization Plan.

Acquired a plotter/printer to draw and flow flight courses, flight hours, and student loads.

Restructured manning and operating hours which resulted in a significant reduction of late mission flight and academic grades. This increased the usability and accuracy of AVMIS output.

Implemented Aircraft Management Subsystem (complete with user documentation).

Established an individual Skill Qualification Test (SQT) program for each service member (SM) assigned to AVMIS. This filled the void pointed out by the TRADOC Inspector General.

### SHORTCOMINGS:

In December 1981, began tasks expected to improve AVMIS operation in 1982:

- a. Developed Standing Operating Procedures (SOP) for AVMIS operations.
- b. Developed orientation briefings for AVMIS users.
- c. Documented AVMIS operations.
- d. Educated Student Management Officers (SMO) on how AVMIS can serve them.
- e. Designated an information systems officer to interface between the three airfields and the Programs/AVMIS Branch.

## ***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 levels 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:

Operates under direction of Training Management Division. Consists of one officer, three enlisted, and one civilian.

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
1LT Terence F. Miller	Test Control Officer	3 Aug 81 - Present
CPT Roger M. Clarizio	Test Control Officer	Dep - 31 Jul 81

### ACCOMPLISHMENTS:

Tested the entire Fort Rucker enlisted population in 200 MOSs resulting highest pass rate ever-85%.

## ***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 programed 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 unprogramed 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, Instrument and Aviator Qualification Branch.

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Ronald E. Deaver	Chief, TSD	1 Apr 81 - Present
MAJ Thomas R. Pearson	Chief, TSD	Dep - 1 Apr 81

## ***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:

Scheduling Branch functions as a branch of the Training Support Division with one officer, five enlisted personnel, and seven civilians.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Ronald E. Deaver	Chief, Scheduling Br	Dep - Apr 81
SGT Richard C. Lewis	NCOIC, Scheduling Br	1 Nov 81 - Present
SSG Willie R. McKelphin	NCOIC, Scheduling Br	Dep - 1 Nov 81

### ACCOMPLISHMENTS:

Scheduled and coordinated over 150 VIP flights.

Revised Initial Entry Rotary Wing (IERW) OH-58 Track flow.

Coordinated doubling of Closed Circuit Rapid Refuel (CCRR) points at USAAVNC.

Coordinated planning for configuration of the TAH-1S(FM) Cobra fleet.

Supported over 240 reserve component training exercises at the Fort Rucker complex.

Scheduled transportation, classrooms, stagefields and stagefield support for approximately 8570 flight and non-flight students during the year.

Coordinated the use of over 500,000 gallons of fuel from Jaxon Fuel and 108th QM per week.

Distributed approximately 22,000 training schedules for over 40 in-resident courses and supporting activities each week.

Coordinated USAAVNC Tactical Training Exercise (TTE), 15 July 81, drawing more than 1500 spectators.

Supported US Army World Helicopter Championship Flyoff, 9 March 81, held at Fort Rucker.

Coordinated the scheduling of over 76,000 flight simulator hours of USAAVNC.

Organized the new Nuclear Biological Chemical (NBC) Section.

## ***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:

Aircraft Management Branch (AMB) functions as a branch under Training Support Division with one officer, six enlisted personnel, and one civilian.

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT Billy J. Stanford	Chief, AMB	Entire Year
SFC Thomas E. Campbell	NCOIC, AMB	Entire Year

ACCOMPLISHMENTS:

Scheduled in excess of 150,000 training flights during CY 81, which accumulated over 390,000 flight hours.

Completed major revisions of USAAVNC Regulations 350-3 and 350-27, and USAAVNC Circular 95-59.

Coordinated aircraft support for over 50 special missions for the Public Affairs Office, Army Recruiting Command, and Joint Services requests.

Coordinated support for search and rescue operations for downed Navy and Air Force jets.

Coordinated search and rescue aircraft in support of local, state, and federal authorities requests.

Revised stacking/mooring plan for USAAVNC hurricane alert and evacuation operations plan.

## ***RANGE BRANCH***

MISSION:

The Range Branch helps to accomplish the overall mission of the Army Aviation Center by maintaining and coordinating the use of the Fort Rucker Range Complex, which consists of 4 aerial gunnery ranges, 42 training areas, and numerous other ranges. Range Branch provides rearming of all student training aerial gunnery aircraft and trained personnel to operate the TOW target simulator for the Gunnery Accuracy Control (GACP) system. Range Branch also provides support for all Active Army units, Reserve Components, and National Guard forces for issue of munitions and use of any ranges.

ORGANIZATION:

Range Branch functions as a branch under the Training Support Division and is staffed by 4 officers, 43 enlisted personnel, and 3 civilians. The branch consists of Range headquarters, Range Control, and three armament teams.

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT Allan J. Tusberg	Chief, Range Branch	19 Jul 81 - Present
CPT Paul W. Everett	Chief, Range Branch	Dep - 19 Jul 81
2LT Kevin P. Driscoll	OIC, Range Control	6 Nov 81 - Present
SFC William P. Cross	NCOIC, Range Branch	1 Feb 81 - Present
SFC Larry D. Hatfield	NCOIC, Armament Teams	1 Feb 81 - Present

ACCOMPLISHMENTS:

During 1981, Matteson Aerial Gunnery Range was the only range used for student aerial gunnery training. During this period AH-1 and UH-1M aircraft, armed by Range Branch personnel, fired approximately 455,585 rounds of 7.62mm ammunition, 153,530 rounds of 20mm ammunition, 45,820 rounds of 40mm ammunition, and 15,660 2.75-inch rockets.

Range Branch provided support for the following:

Waterways Experimental Station explosive experiments (WES Tests) conducted by the 46th Engineer Battalion in January, March, and December.

Test Activities comparison test of the 20mm North Atlantic Treaty Organization (NATO) round in April.

A Tactical Training Exercise at Matteson Range for USMA Cadets, Warrant Officer Advanced Course/ Warrant Officer Senior Course, and personnel from surrounding communities.

Army Aviation Board's test of Aviator Night Vision Imaging System (ANVIS).

Vehicles placed on Matteson Range as targets to increase training realism.

Army Aviation Board's test of 20mm Sabot round in December.

Numerous Bowles Creek exercises conducted by Department of Flight Training throughout the year.

***INSTRUMENT AND AVIATOR QUALIFICATION BRANCH***

MISSION:

Manages the Aircrew Training Manual (ATM) Program for Fort Rucker, which includes initial in-processing 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. In addition to administrative responsibilities, IAQ 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. In addition to the primary mission, Chief, IAQ has general supervisory responsibility for the Fort Rucker Flight Records Section.

ORGANIZATION:

Instrument and Aviator Qualification Branch functions as a branch under the Training Support Division, and consists of 12 warrant officers, 2 enlisted personnel, and 9 civilians authorized.

KEY PERSONNEL:

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

ACCOMPLISHMENTS:

Flew 249 command missions in both rotary wing and fixed wing aircraft.

Qualified, refresher trained, and subsequently evaluated 101 Fort Rucker staff aviators, bringing them up to ARL 1 status.

Performed standardization evaluations in support of ATM Army Aviator Proficiency and Readiness Test (AAPART) requirements as follows: 127 pilot/IP evaluations, 133 instrument evaluations. Supported ATM semiannual emergency tasks training for 37 staff aviators.

Implemented terrain flight training program in support of revised ATM effective 1 April 1981; trained 102 staff aviators in the terrain flight mission.

Total flight/SFTS hours flown in 1981 - 3,445

In addition to flying accomplishments, the branch in-processed 307 newly assigned aviators and administered 1,062 annual written examinations.

Flight Records Section maintained approximately 3,050 records monthly, in-processed approximately 380 permanent party records and processed approximately 1,800 transition student records during CY 81.

## ***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:

The Aviation Training Library functions as a branch of the Directorate of Training and Doctrine.

### KEY PERSONNEL:

<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 made its 1981 goal the more intensified and widespread use by Fort Rucker personnel of 200 technical literature databanks. Maximum training was provided to library personnel to insure effective reference/research service to post personnel through these facilities. The Training Library proposed to organize a centralized acquisitions, cataloging and technical processing unit for the Center and Training Libraries in accordance with TRADOC Regulation 1-2, dated 9 January 1981. The Aviation Training Library's plan was approved. Implementation of the plan will continue through 1982.

# DEPARTMENT OF ACADEMIC TRAINING



## MISSION:

Conducts academic training (less medical) for the Army Aviation Center 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.

PERSONNEL:

Key personnel who served during the year were:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL W. K. Kuykendall	Director	Entire year
MAJ C. W. Goodson	Executive Officer	Dep - 27 Aug 81
LTC E. A. Williams	Deputy Director	27 Aug 81 - Present
LTC E. A. Williams	C, Ops Division	Dep - 27 Aug 81
MAJ C. W. Goodson	C, Ops Division	27 Aug 81 - Present
LTC J. E. Clay	C, MT Division	Dep - 12 Jun 81
MAJ (P) R. C. Hassinger	C, MT Division	14 Aug 81 - Present
LTC C. R. Bierbaum	C, FSI Division	Entire year
LTC R. S. Jones	C, CT Division	Dep - 7 Dec 81
LTC V. S. Conner	C, CT Division	7 Dec 81 - Present
LTC R. H. Kreulen	C, ATC Division	Entire year
WO1 T. G. Beattie	Supply Officer	1 Sep 81 - Present
CPT C. W. Hall	Supply Officer	Dep - 7 Dec 81
Mrs B. J. 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 1981, Supply Branch accounted for 100% of DOAT property which consisted of 1,300 line items, 11,000 individual items, 7,000 of which are serial numbered, and 35 buildings with an estimated value in excess of \$150 million. Supply Branch also had responsibility for Classroom Support. Command Supply Discipline Program for DOAT resulted in a total savings of \$2.5 million for 1981.

Admin Branch developed the FY82 Command Operating Budget for the department. Monies required not to include civilian pay, amounted to over \$670,000. The major manpower requirement projects were the TRADOC Review of Manpower, AIT surge and ATC Interservice Training Review Organization.

## ***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 combination of training media.

ORGANIZATION:

The Operations Division is composed of three branches:

- Training Branch
- Training Literature Management Branch (TLMB)
- Aviation Learning Center

PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC E. A. Williams	Ops Officer	Dep - 27 Aug 81
MAJ C. W. Goodson	Ops Officer	27 Aug 81 - Present
CW4 J. D. Ryan	C, TLMB	Dep - 1 Dec 81
Mr. J. C. Conner	C, TLMB	1 Dec 81 - Present
MAJ J. L. Elliott	C, ALC	Dep - 1 Dec 81
CW4 J. D. Ryan	C, ALC	1 Dec 81 - Present

ACCOMPLISHMENTS:

The year 1981 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 1981 included participation in the development and coordination of the Warrant Officer Orientation Course (WOOC). This is a two week course that prepares newly appointed warrant officers for their duties and responsibilities as officers. During the development of the Warrant Officer Orientation Course program of instruction, project officers became heavily involved in re-sourcing, flowing and implementing the course. In 1981, the development of the 12 week OH-58 Combat Skills POI was completed which was incorporated in the last portion of the Initial Entry Rotary Wing Aviator Course. Prior to this time, the OH-58 Course was eight weeks in duration. By increasing the course to 12 weeks, costs were saved and a better trained scout pilot was produced. These cost savings resulted from more hours being flown in the OH-58 aircraft as opposed to flying in the UH-1H aircraft during initial entry training. UH-1H flight hours cost 88% more than OH-58 hours and this cost saving was used to increase the flight hours in the Modernized Cobra Qualification Course. The increase in flight hours for the cobra course was needed because of the greater complexity of the modernized cobra. Another important development in 1981 was the coordination of the new career management field 67 POI. This was a major revision of the old POI and was aimed at producing a qualified aircraft mechanic as opposed to a mechanic's helper which the present course produced. This change, which will be implemented between December 1981 and October 1982, was a major accomplishment that should greatly increase the maintenance capability of field units.

The USAAVNC Learning Center (ALC) was utilized by 29,449 students during the period 1 Dec 80 to 1 Dec 81. This included 2,449 Advanced Individual Training (AIT) students who received 16 hours of academic instruction each in order to prepare them for training in the 67N, 67V, 93H, 93J and 71P career fields. In addition to AIT training, the ALC staff provided 35,300 hours of instruction. During this period, the ALC began a 2-2½ hours group briefing for flight students on the FAA Military Competency Exam in an effort to help eliminate failures. Additionally, the programmed texts used for study for the Military Competency Exam were updated in-house and supplements added to the texts pending receipt of the revised publications. The ALC also added to the inventory supplemental training tapes for the UH-60 Course and S-Model Cobra.

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 2,000 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 semi-annually with a quarterly update. Distribution was made by mail to more than 2,000 addressees, worldwide. TLMB personnel coordinated stockage levels, lent administrative support and had responsibility for the actual shipment of the Army Aviation Written Examination(AAAWE) materials to over 200 units annually. During 1981, Training Literature Management Branch processed and filled an average of 196 requests per month from DOAT instructors and an average of 265 requests per month from field units. An average of 3,353,907 units of training material were printed per month at an average monthly printing cost of \$35,723.10.

## ***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 subjects, Euro/NATO voice procedures for pilots, and airspace management for the Commander's Readiness Course. Performs academic counseling of resident students. 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 in training materials required for correction of errors and technical update of training material. Provides support of Mobile Training Teams (MTTs) and New Equipment Teams (NETTs), as requested.

### ORGANIZATION:

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

Common Subjects Branch  
Deployment Branch  
Advanced Branch

### PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC R. H. Kreulen	Chief	Entire year
Mr. L. L. Allen	C, Comm Subj Br	Entire year
MAJ M. J. Wuensch	C, Advanced Br	Entire year
MAJ W. J. Dunlap	C, Deployment Br	Entire year
CPT G. E. Welch	Ops Officer	Mar 81 - Present
CW3 C. E. Etheridge	Ops Officer	Dep - Mar 81
Mr. M. J. Bruso	Education Specialist	Entire year
SGM M. C. Hood	Division SGM	Entire year

### ACCOMPLISHMENTS:

The Air Traffic Control Division, composed of three major branches, experienced another year of outstanding accomplishments during 1981. 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 four 93J students per week. In addition to the division's resident training, Reserve Component training through the MTT program resulted in the graduation of six 93H students from the Indiana Army National Guard.

The Common Subjects Branch completed implementation of a new method of instruction for the Control Tower Operator (CTO) phase of training which was under validation during the last calendar year. Use of FAA packets resulted in monetary savings through a reduction in training time. Student attrition rates declined. The branch also developed and implemented criterion testing for instruction common to both 93H and 93J students.

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. Criterion testing was under development for all AIT phases of instruction in the Advanced Branch.

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 requisitioned for use in training 93H AIT students. Commercial electrical power was supplied to the tactical ATC landing site (LZ Wolfpit) as a cost savings improvement feature.

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 81.

National Guard units continued to receive Mobile Training Team (MTT) assistance during weekend drills. Instructors were sent TDY to units of 12 states during 1981, resulting in the graduation of ten 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 (WOCMD), 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

### PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC R. S. Jones	Chief	Dep - 7 Dec 81
LTC V. S. Conner	Chief	7 Dec 81 - Present
MAJ E. M. Monahan	Ops Officer	Entire year
MAJ J. A. Lazor	C, Aviation Subjects	Entire year
MAJ H. E. Blanks	C, Mgt/Ldr	Entire year
CPT (P) W. L. Vogel	C, Staff/Mil Skills	20 Nov 81 - Present
MAJ W. W. McElmore	C, Staff/Mil Skills	Dep - 20 Nov 81
MAJ S. R. Chrzanowski	C, Tac/Strat	6 Aug 81 - Present
MAJ P. R. McRoberts	C, Tac/Strat	Dep - 6 Aug 81
CW4 J. P. Valaer	Class Director	Entire year
Mrs T. Strickland	Ed Spec	Entire year

Aviation Subjects Branch was responsible for 14,000 hours of academic instruction. The branch continued to be responsible for the review of FM 1-51. Branch personnel developed and organized International Civil Aviation Organization (ICAO) programed texts which are designed to explain the principles and techniques of international air navigation to both US military and allied students. Aviation Subjects Branch was responsible for the organization, preparation of instruction and development of mockup 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 sub-courses for the Directorate of Training Developments.

All instructional requirements of the Management and Leadership Branch were accomplished in a routine manner in 1981 despite a 60% turnover of instructor personnel. In addition to normal instruction, instructors developed a new POI and lesson plans for the Warrant Officer Orientation Course and developed revised POIs and lesson plans for WOCMD and IERW. Extracurricular classes

included instruction in the new Officer Efficiency Report to reserve senior warrant officers; ethics to post chaplains and interested dependents; personal financial management to WOCD wives; and effective writing and listening to civil service personnel. Other activities by branch instructors included completion of training in technical writing; liaison visits on effective writing at the Air University; liaison visits on training management to Fort Leavenworth and Fort Benning; coordination meetings with representatives from C&GSC on management, leadership and ethics; consulting services in project planning to the Aviation Test Board and the Aviation Museum and development of lesson instruction files.

During 1981, the Staff and Military Skills Branch taught over 8,000 hours of academic instruction. The branch developed and estimated resources and cost for extending the IERW POI to provide more realistic Survival, Evasion, Resistance and Escape training at the Aviation Center. The branch had 20 of the division's 35 assigned subject matter expert projects, all of which were successfully completed. The branch enjoyed a highly productive year in upgrading lesson plans and POIs for all major subject areas. Assistance was given to two naval units in establishing terrain navigation courses. In addition to the normally scheduled classes, instruction and assistance were given to West Point Cadets and Army National Guard and Reserve Units.

During 1981, the Tactics and Strategy Branch operated at an average assigned strength of less than 70% authorization. Despite a 50% turnover rate, the branch conducted approximately 5,500 hours of academic instruction with no degradation of the material presented. The branch enjoyed a highly productive year in upgrading lesson plans for all major subject areas. The branch was responsible for teaching field artillery, air defense artillery, air cavalry, electronic warfare, attack helicopter, air assault, threat and combined arms operations. The branch was also responsible for conducting classes in strategy consisting of such subjects as elements of national power, U.S. national strategy, ideologies in conflict, Communist powers in foreign policy, Soviet armed forces and strategic and theatre balance. In addition to the constant updating and improvement of courses, many orientation briefings were given to both American and foreign officers.

## ***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.

### ORGANIZATION:

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

### PERSONNEL:

<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
MAJ R. R. Boykin	C, WWSSB	1 Jan 81 - 1 Jun 81
CPT E. P. Leclair	C, WWSSB	1 Jun 81 - Present
CPT F. F. Hans	Ops Officer	1 Jan 81 - 1 Sep 81
CW4 L. D. Roper	C, UH-1 Br	Entire year
MSG F. Powell, Jr.	SGM	Entire year

The Flight Simulator Division instituted and successfully managed an energy conservation program that resulted in a savings of 3,267,858 KWH to the USAAVNC which helped the post to meet its energy goal for 1981.

The Flight Simulator Division provided personnel to Whiting Field, Pensacola, Florida (Jun 81) to assist the US Navy in the acceptance, installation and instructor check outs of the UH-1 flight simulator (2B24).

Worldwide Software Support Branch (WSSB) provided subject matter experts (SME) to the Singer/Link plant, Binghamton, N.Y. continuously from July thru Nov 1981 as acceptance personnel for the fielding of the new CH-47C model visual flight simulator. WSSB aided the US Army Safety Center in the recreation of aircraft accidents.

In February 1981, the UH-1 (2B24) training day was expanded from 15 to 16.5 hours daily.

The AH-1 Instructor Pilot (IP) and Aircraft Qualification Course (AQC) performance planning was initiated in August 1981. Instructor training courses for the 2C35 cockpit procedural trainer, and the General Aviation Trainer (GAT-II) were developed to insure standardization of instruction.

The Flight Simulator Division briefed over 5,385 visitors during CY 81. Visitors included foreign dignitaries, congressional leaders, military personnel from all branches of service and local and national civic groups from throughout the nation.

The Flight Simulator Division directly assisted the Army Research Institute in structuring and performing preliminary testing of the requirements for the Army aviator training research simulator (ATRS).

Assisted Directorate of Evaluation/Standardization on eight 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 officer 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:

The Maintenance Training Division is organized into a headquarters and three branches:

Officer Training Branch  
Utility Helicopter Branch  
Observation Helicopter Branch

### PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ (P) R. C. Hassinger	Chief	14 Aug 81 - Present
LTC J. E. Clay	Chief	Dep - 12 Jun 81
CPT D. L. Westfall	Ops Officer	15 Dec 81 - Present
CW4 E. C. Cote	Ops Officer	Dep - 15 Dec 81
MAJ C. R. Holzler	C, Off Tng Br	26 Jun 81 - Present
MAJ K. K. Mihata	C, Off Tng Br	Dep - 15 Jul 81
MAJ M. T. Bradley	C, Util Hel Br	Entire year
SGM J. L. Rose	SGM	22 Jul 81 - Present
SGM B. Adair	SGM	9 Feb 81 - 4 Sep 81

## ACCOMPLISHMENTS:

The year ended with the division accomplishing a complete realignment of the 67N Utility Repairman's Course and the 67V Observation Repairman's Course to enhance the capabilities of these repairmen. This realignment took place as a result of the Vines' Study and in order to bring about coming changes in Career Management Field (CMF) 67. This was accomplished by integrating the general subjects areas into the respective utility and observation branches.

New programs of instruction were initiated and a return to lock-step instructional techniques was implemented in lieu of the present self-paced program. The first classes were started in early December using the realigned program. In addition, the division was restructured to reflect its current organization of three branches--two Advanced Individual Training (AIT) Branches and the Officer Training Branch.

The year concluded with all the division's assets under one roof. This was brought about by a complete reevaluation of facilities and their usage with an eye towards consolidation of resources and towards future requirements. In order to accomplish this, the Officer Training Branch was moved totally from buildings 6111 and 6113 to building 6005 (Yano Hall). This gave the division a greater span of control over its assets while it enabled the Officer Training Branch a far superior environment in which to accomplish its mission.

The Officer Training Branch trained 6,734 officer, warrant officer, warrant officer candidate and Department of the Army civilian students during calendar year 1981. The branch continued in its efforts to develop lesson materials and to determine training device requirements for both the AAH-64 and the CH-47 aircraft. The AH-1S (Modernized) Cobra program of instruction (POI) was fully implemented on 28 August 1981. With the implementation of the AH-1S (Modernized) Cobra POI, the Officer Training Branch ceased teaching the AH-1G modified, production, and Enhanced Cobra Armament System (ECAS) versions of the AH-1 at Fort Rucker. However, training materials have been maintained for use with the new Equipment Training Team (NETT). NETT training, under the guidance and supervision of the Attack Helicopter Project Manager's Office (PMO), St. Louis, Missouri, was accomplished at Fort Riley in August, Korea in October, and Fort Bragg in November and again in December. Future planning has already begun for additional AH-1S NETT training scheduled to occur in Hawaii and Europe during 1982. On 14 December 1981, the first of two UH-60 special courses for Fort Campbell, Kentucky, personnel was begun. The first course consisted of 12 students and was accomplished in conjunction with normal Department of the Army student input; the second course consisted of 24 students from Fort Campbell with a completion date of 22 December 1981. All students successfully met the academic standards and were released back to Fort Campbell to begin the flight portion of their training.

Instructors of the Utility Helicopter Branch prepared material for postwide Skill Qualification Testing (SQT) and training. In addition, coordination with Fort Eustis, Virginia, started early in the year to realign the current 67N Program of Instruction (POI) with the new CMF 67 task list. The new course requires both lock-step instruction and self-paced instruction. The Utility Helicopter Branch also upgraded the training fleet by adding 14 Category "B" ground-runnable UH-1H model helicopters and turning in 12 Category "B" model helicopters. The branch provided instructors to assist in training the Honduran Air Force personnel on proper maintenance procedures on the UH-1H helicopter. After several months of instruction, their quality of maintenance greatly increased. Instructors were provided to the government of El Salvador to teach their maintenance personnel how to set up their own course of instruction. Additionally, the branch conducted a training class for the Mississippi National Guard. Approximately 64 enlisted guardsmen were in training during the day. The United States Army Safety Center was provided assistance in the photographing of the upper and lower pylon areas of the UH-1H helicopter.

The Observation Helicopter Branch implemented the required changes to realign itself with the advent of CMF 67. In order to accomplish this, the 67V program of instruction was updated and improved. A new task list reflecting more "hands-on" training was established in conjunction with Fort Eustis, Virginia. Additionally, the branch upgraded its training fleet by requesting five Category "B" ground-runnable aircraft. The Observation Helicopter Branch also provided postwide Skill Qualification Test (SQT) training for all assigned 67V personnel. The branch, with the addition of the general subjects area, is now prepared to incorporate those changes to enhance the capabilities of the 67V repairman to graduate a "doer" instead of a "mechanic's helper".

# 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.

Hanchey Division directs and coordinates all activities of Hanchey Army Heliport 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.

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.

Lowe Division directs and coordinates the activities of Lowe Army Heliport 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 methods of instruction courses.

## KEY PERSONNEL

## POSITION

## ARRIVAL/DEPARTURE DATES

### HEADQUARTERS

COL Bruce H. Gibbons	Director	Entire Year
LTC Gerald R. Worthington	Deputy Director	25 Jun 81 - Present
MAJ Marvin H. Baker	Deputy Director	Dep - 24 Jun 81
Mr. Adrian D. Cunningham	Staff Advisor	Entire Year
MAJ Alfred H. Elliott, III	Chief, Operations Br	Dep - 24 Jun 81
MAJ Marvin H. Baker	Chief, Operations Br	25 Jun 81 - 8 Dec 81
CW4 Loren K. Dow	Safety Officer	Entire Year
MSG Jack R. Scott	Chief Instructor	28 Oct 81 - Present
MSG John P. Traylor	Chief Instructor	8 Jan 81 - 27 Oct 81
Mrs. Leona S. Boginski	Admin Officer	Entire Year
Mr. Millard Whittle	Supply Officer	Entire Year

### HANCHEY DIVISION

LTC John Bradley	Commander	Entire Year
MAJ Robert O. Ehlers	Deputy Commander	Entire Year
CW2 James E. Maudlin	Safety Officer	Entire Year

CPT James G. Coberly	Chief, Tng Sched Br	14 Sep 81 - Present
MAJ Robert J. Hanson	Chief, Tng Sched Br	6 Apr 81 - 21 Sep 81
MAJ Robert J. Hanson	Cdr, Contr Eval Br	Dep - 5 Apr 81
CPT William H. Bryan	Cdr, Attack Br	27 May 81 - Present
MAJ Gary L. Bishop	Cdr, Attack Br	Dep - 7 Jul 81
CPT Bruce G. McKenty	Cdr, Aeroscout Br	23 Mar 81 - Present
MAJ Stephen P. Jorgensen	Cdr, Aeroscout Br	Dep - 10 Jun 81
CPT James W. Hertsch, Jr.	Cdr, Cargo Br	6 Apr 81 - Present
MAJ John O. Britt, Jr.	Cdr, Cargo Br	Dep - 5 Apr 81

#### CAIRNS DIVISION

LTC Robert R. Parks	Commander	Entire Year
MAJ Warren W. Spencer	Deputy Commander	Entire Year
CW3 Charles D. Flook	Safety Officer	Entire Year
CPT Larry A. Daniel	Chief, Tng Sched Br	3 Apr 81 - Present
CPT George T. Greenlee	Chief, Tng Sched Br	Dep - 2 Apr 81
MAJ Larry Hester	Cdr, Contr Eval Br	Entire Year
MAJ Lawrence T. Smith	Cdr, RW Instr Br	19 Jun 81 - Present
MAJ George W. Durr, II	Cdr, RW Instr Br	Dep - 18 Jun 81
CPT Jack A. Cook	Cdr, UH-60 Br	11 Dec 81 - Present
CPT William G. Ackerly	Cdr, UH-60 Br	19 Jun 81 - 10 Dec 81
MAJ Lawrence T. Smith	Cdr, UH-60 Br	14 Apr 81 - 18 Jun 81
MAJ Jerry G. Lover	Cdr, Airfield Br	6 Feb 81 - Present
CPT James C. Kennedy	Cdr, Airfield Br	Dep - 1 Mar 81

#### LOWE DIVISION

LTC Steven B. Dodge	Commander	Entire Year
CPT Ronald D. Depue	Deputy Commander	6 Jul 81 - Present
MAJ Wayne H. Stephens	Deputy Commander	Dep - 5 Jul 81
CW4 Melvin D. Revert	Safety Officer	Entire Year
CPT Christopher L. Cole	Chief, Tng Sched Br	20 Jul 81 - Present
CPT Robert B. Randle	Chief, Tng Sched Br	Dep - 18 Jul 81
CPT William L. Wilson	Cdr, Airfield Ops Br	11 May 81 - Present
CPT James R. Jones	Cdr, Airfield Ops Br	Dep - 10 May 81
MAJ Larry D. Jordan	Cdr, Ctc/NQ Br	Entire Year
MAJ Calvin E. Ball	Cdr, Cbt Skills Br I	15 Apr 81 - Present
MAJ Dennis G. Tyner	Cdr, Cbt Skills Br I	Dep - 1 Mar 81
MAJ Roger L. Harris, Jr.	Cdr, Cbt Skills Br II	24 Jun 81 - Present
CPT Jesse S. Hunt	Cdr, Cbt Skills Br II	6 Feb 81 - 23 Jun 81
CPT Harold J. Brecher	Cdr, Cbt Skills Br II	Dep - 5 Feb 81
MAJ Marcus A. Cox	Cdr, IP/MOI Br	22 Jun 81 - Present
MAJ Calvin O. Purdin	Cdr, IP/MOI Br	Dep - 14 Jul 81

Thirteen foreign officers were assigned as follows: Germany - 10, Holland - 1, Denmark - 1, Norway - 1.

The personnel turnover rate for period 1 Jan 81 through 31 Dec 81 was 68%.  
Authorized strength at the close of the calendar year was as follows:

Officers	182
Warrant Officers	404
Enlisted	125
DAC	<u>130</u>
	841

## ACCOMPLISHMENTS:

In 1981 a total of 1728 Initial Entry (IERW) students were graduated and received military aviator wings. Included in the total were 86 National Guard and 44 Reserve students, 102 Air Force officers, 77 EURO/NATO students, and 3 other allied officers. In addition to the IERW students, the department graduated 2376 aviators from advanced programs of instruction. In accomplishing this training, a total of 374,379 hours of aircraft time was flown.

Initial entry and/or graduate flight training was provided to military personnel from Australia, Canada, Denmark, Egypt, Germany, Honduras, Jamaica, Kenya, Korea, Lebanon, the Netherlands, Norway, Panama, Saudi Arabia, Singapore, Spain, Taiwan, Tunisia, and the United Kingdom. Graduate flight training was also provided to two US Customs Officers and two pilots from the National Aeronautics and Space Administration.

IERW training was accomplished as follows: The TH-55 during 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 Phase, 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 Course (RWART)--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-47FS; 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-47FS; 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, UH-60 IPC--20 hours in 4 weeks and 4 days; UH-60 MOI--20 hours in 4 weeks and 4 days.

The UH-60 Aviator Qualification and Instructor Pilot Course were expanded from 8 to 24 students per class in order to meet needed aviator requirements. Construction was completed on a new UH-60 helicopter ramp to accommodate 24 aircraft. The AH-1 AQC was changed significantly. The program was expanded from 4 weeks to 6 weeks and 2 days, and the flight hours were increased from 23 to 38. Starting in Aug all AH-1 qualification training was accomplished in the AH-1S (FM). The attack fleet was upgraded with the addition of 23 TAH-1S (FM) aircraft. A new area of operations (AO APACHE) was developed to facilitate combat skills training in attack helicopters. A 12 week Aeroscout training program for IERW was instituted and the training was increased from 8 to 12 weeks. The new program included OH-58 Night Hawk/Night Vision Goggle (NH/NVG) and Aeroscout qualification. With the change in program, the class size was increased from 10 to 20 students. A UH-1 Combat Skills VIP demonstration flight was developed which encompasses 40 of the 58 combat skills tasks which includes terrain flight, tactical instruments, and sling load operations with student pilots at the controls. A comprehensive NVG unit maintenance program was developed and instituted. This program was the first of its kind in the US Army. Aircraft survivability training was upgraded by integrating a ground radar emitter training device called the Ground Radar Emitter for Training Aviators (GRETA) into the Combat Skills Phase at Lowe Division.

Personnel were furnished in the form of instructor pilots, military assistance teams and military training teams to the following countries: Kenya - five aviators, El Salvador - two aviators, Saudi Arabia - two aviators, Honduras - one aviator, Tunisia - one aviator, Ecuador - one aviator. In addition to the above, the department furnished military assistance and training teams for organizations in the United States.

The 1981 United States Military Academy (USMA) Aviation Summer Training Program was conducted in the TH-55 helicopter. Fifty-two USMA 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 61 flight surgeons. Fifty-three attained solo proficiency.

Military awards consisted of 44 Meritorious Service Medals, 70 Army Commendation Medals, 8 Army Achievement Medals, and 14 Certificates of Achievement. Department of the Army Civilian Ratings/Awards consisted of 46 Outstanding Performance Ratings, 8 Sustained Superior Performance Ratings, 2 Quality Step Increases, and 1 Highly Successful Rating.

DOFT continued its emphasis on the Suggestion Program and had five suggestions adopted for a total cash savings of \$921,688.

A Tactical Training Exercise (TTE) was conducted utilizing both Army and Air Force assets. Spectators included 2000 members of the local civilian community and 52 members of the USMA Class of 1983. Two other tactical exercises with simulated firings were conducted by a joint air attack team consisting of two Air Force A-10 aircraft, three OH-58 and five AH-1 helicopters. These exercises were designed to demonstrate the capabilities of Army aviation utilizing Aeroscout and Attack helicopter doctrine combined with Air Force close air support. The exercises were observed by senior ranking members of the US, British and French Armed Forces.

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

A significant number of VIP briefings were 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-PVS5A) orientations, aircraft demonstrations, Bowles Creek tactical orientation flights and Combat Skills training flight reviews.

DOFT was heavily involved in the planning and training of aviators for participation in the 4th World Helicopter Championship. The department selected and trained seven helicopter teams to represent TRADOC at the US Army's fly-off which was held at Fort Rucker, Alabama, 9 through 13 March 1981. Four crews from the department won positions on the team. In addition, an interpreter/logistician and the team First Sergeant were selected as support personnel for the United States Helicopter Team. The United States Helicopter Team took first place honors in the championship which was held in Poland, 14 August 1981 through 23 August 1981.

DOFT planned, organized, and conducted the Fort Rucker American Heritage Week during the period 21 June 1981 through 27 June 1981. The week set aside specific days to honor each of the major cultural and ethnic groups that have contributed so much towards 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 COL Leland Holland, a former US hostage in Iran and closed with remarks by the US Senator from Alabama, Jeremiah Denton.

The department had a total of 27 mishaps with eight fatalities.

The department's mishap rate per 100,000 flight hours was 7.21 for the calendar year. The mishap rates were as follows:

Class A - 1.07  
Class B - 0.8  
Class C - 5.34

Twenty-three Certificates of Achievement were awarded for mishap-free flying hours to various branches in the department.

Individual Safety Certificates of Achievement were received by 180 instructors.

On 30 May 1981 an Honors Dinner Ceremony was held at the Fort Rucker Lake Lodge. Combat Skills, Branch I, Lowe Division, was presented the Daedalian Aviation Flight Safety Award by Brigadier General Richard A. Ingram, Maxwell Air Force Base, representing the Order of the Daedalian. The award was presented for achieving 39,098 hours of mishap-free flying during fiscal year 1980. The award was accepted by MAJ Calvin E. Ball, Branch Chief, Combat Skills, Branch I, Lowe Division.

#### SHORTCOMINGS:

OH-58 maintenance difficulties affected training and safety during 1981. There were seven engine failures and 31 occurrences of excessive N2 drop on a fleet ranging from 26 to 39 helicopters. Action to correct the difficulty has been taken, however, the problem has not been solved as yet.

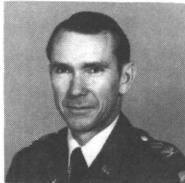
TAH-1S (FM) maintenance difficulties affected training and safety. The heavy weight of TAH-1S (FM) resulted in 34 skid cuff and cross tube failures during the period September through November 1981. Armament weight (approximately 700 pounds) was removed from 11 aircraft designated for contact training.

Undersized ranges at Fort Rucker restricted movement and did not facilitate total weapon employment (e.g. indirect rocketfiring, TOW fire).

There was a large number of RT-10 survival radios unserviceable due to nonavailability of repair parts.

Numerous noise and overflight complaints were made by local civilian personnel. This necessitated several changes to the local flying area. Deviations to standard traffic patterns and procedures were implemented at affected stagefields, training sites and in the training area which resulted in some training difficulties.

# 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 (TASCO) services, and training aids and educational television support. Acts for the Chief of Army Aviation in all matters pertaining to specialty code (SC) 15 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.

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 (S&FDD),
- Training Aids Division (TAD), and
- Educational Television Division (ETVD).

KEY PERSONNEL

POSTION

ARRIVAL/DEPARTURE DATES

COL Ernest F. Estes	Director	Entire Year
LTC(P) James W. Lloyd	Dep Director	26 Jun 81 - 31 Dec 81
LTC William T. McLarty, Jr.	Dep Director	1 Jan 81 - 23 Jun 81
Mr. Clarence Newsom	Dep for Educ Mgt	Entire Year
Mrs. Hellen G. Rhodes	Chief, PMOD	Entire Year
LTC Marvin E. McGraw, Sr.	Chief, TADD	5 Oct 81 - 31 Dec 81
LTC Troy Reeves, Jr.	Chief, TADD	16 Jan 81 - 15 Sep 81
MAJ Alfred J. Davis	Chief, ACMTD	1 Oct 81 - 31 Dec 81
LTC Rodney D. Lester	Chief, CDD	1 Jan 81 - 22 Sep 81
LTC Jerry C. Kemp	Chief, CDD	23 Sep 81 - 31 Dec 81
LTC Glenn R. Allen	Chief, ESD	1 Oct 81 - 31 Dec 81
LTC Ollie D. Kennedy, Jr.	Chief, TLD	23 Sep 81 - 31 Dec 81
LTC Jerry C. Kemp	Chief, TLD	1 Jan 81 - 22 Sep 81
Mr. Edward A. Ewell	Chief, S&FDD	11 Oct 81 - 31 Dec 81
Mr. Clarence Newsom	Acting Chief, S&FDD	8 Aug 81 - 10 Oct 81
Mr. William B. Wells	Chief, S&FDD	1 Feb 81 - 27 May 81
Mr. Jimmy L. Goodson	Chief, TAD	Entire Year
Mr. Thomas B. Carr	Chief, ETV	Entire Year

As of 31 December 1981, authorized strength was as follows: Officers--86, warrant officers--10, enlisted--60, and civilians--200 for a total of 356.

ACCOMPLISHMENTS:

The Directorate of Training Developments was restructured and functions were realigned in October 1981. Restructuring was initiated in part because of a recognized need to expedite completion of training programs and also to devote significantly more time, energy, and expense to the Review

of Education and Training for Officers (RETO) and SC 15 and-MOS 100 career management and training requirements. A major part of the restructuring was realignment of the Training Analysis and Design Division (TADD) which formerly was comprised of 93 personnel and organized into four branches. It was realigned into three distinct divisions. TADD was retained but reduced in size. Its primary mission--completion of Phases I and II of the Instructional Systems Development (ISD) process--was unchanged. An Emerging Systems Division (ESD) was formed to interface with the combat developer, US Army Training and Doctrine (TRADOC) System Managers, and civilian industry during the early stages of the Life Cycle Management process. ESD is composed of a New Equipment Training Development Branch, a Training Devices Branch, and a Systems Analysis/Studies Branch. To accommodate the highly visible, dynamic requirements of SC 15 and MOS 100 personnel management and professional development, a second new division was formed from spaces formerly allotted to TADD. The Aviation Career Management and Training Division (ACMTD), in addition to assuming Army Regulation (AR) 600-101 proponent responsibilities, also has a RETO Branch to discharge those many and varied training initiatives mandated in previous years. An effort has been made within ACMTD to unite the RETO effort with Department of the Army (DA) personnel management actions, creating a more manageable link between personnel training management and professional development. Additionally, the Program Management Office was reorganized to expand its functions, and the Program Management and Operations Division (PMOD) was established. In Training Literature Division, the Standardization Publications Branch and General Publications Branch were consolidated to establish the Publications Development Branch. No changes in manpower requirements resulted from this restructuring.

The Aviation Center accepted proponency for SC 15 and MOS 100 under the provisions of AR 600-101 and started developing integrating guidelines for the management of accession and second specialties into aviation career patterns. This single action was perhaps the most significant, far reaching, and highly visible undertaking within the Directorate during calendar year (CY) 1981. Aviation Center responsibilities to be discharged by DTD were immense, and as of the close of the year, the Directorate was still in the process of identifying limits of authority and responsibility with regard to the personnel management and professional development of aviators.

Civilian personnel positions were restructured and training programs administered for 55 positions involving interns, trainees, worker trainees, Cooperative Program, summer hire, Stay-in-School Program, Veteran Readjustment Appointment (VRA), and Junior Fellowship Program.

A training program was implemented for key directorate personnel which included briefings by USAAVNC personnel on subjects such as civilian personnel matters, officer management, Consent Decree, Settlement Agreement, Equal Employment Opportunity (EEO), Equal Opportunity (EO), Organizational Effectiveness (OE), and force development and budget and the monthly Division Chief's Luncheon which promotes an informative exchange of ideas.

Performance counseling sessions were implemented for military and civilian personnel to improve the flow of communications between supervisors and employees and to maximize the potential of directorate personnel.

The DTD Equal Employment Opportunity (EEO) Affirmative Action Plan (AAP) was developed and implemented to provide the Directorate a program that includes the opportunity for equal employment for all persons without regard to race, color, sex, religion, age, national origin, or handicaps. This plan was subsequently used as a model plan by the EEO Office in teaching a portion of the USAAVNC EEO Workshop.

#### SHORTCOMINGS:

The TDA manning level for the Directorate averaged 83 percent of authorized end strength and also 71 percent of requirements. This low manning level directly impacted on DTD's capability to accomplish programmed workloads. The FY 81 Training Developments Work Plan included 187 projects that were not resourced. The major portion of these projects addressed emerging systems. These actions were reprogrammed for fiscal year (FY) 1982. Milestones and hand-off schedules for many resourced actions were slipped in order to support unprogrammed, high priority taskings which resulted in the completion dates for these actions being slipped to FY 82. Some of the more important unprogrammed taskings were the 1981 Training Symposium; DA tasking for the Flight Simulator Study; implementation of AR 600-101; staffing of AR 10-6; a multitude of rewritten TRADOC training development (TD) regulations; restructuring of programs of instruction (POI) to incorporate Combined Arms Center (CAC) guidance on leadership, nuclear, biological, and chemical (NBC), ethics, and history instruction; participation in the Army Aviation Mission Area Analysis (AAMAA); Interservice Training Review Organization (ITRO); Division 86 transition plan for TD

products; AH-64 Operational Test (OT) II and Combat Mission Simulator (CMS) activities; Warrant Officer Orientation Course (WOOC) reorientation and task analysis; and increased activity relating to SC 15.

## ***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 workload 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. Supervises the Word Processing Center (WPC). Performs programing 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 reprograming 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 DTD Annual Work Plan to include subject matter expert (SME) man-day requirements. Conducts review and analysis of training development activities. Prepares and coordinates Individual Training Plans and Individual Training Plan Proposals for proponent MOSSs. Prepares and issues instructions for development and documentation of Program Change Proposals (PCP) for new and revised training. Prepares DTD emergency, contingency, supporting, and mobilization plans. Schedules training and maintains records for accomplishment of the Aircrew Training Manual Flying Program for DTD. Supervises the DTD Message Center and Reproduction Facility and performs internal and external distribution functions. Serves as Physical Security Program Coordinator and coordinates the Directorate's Equal Opportunity Program and Equal Employment Opportunity Program.

### ORGANIZATION:

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

Resource and Product Management Branch,  
Operations and Plans Branch, and  
Word Processing Center.

### ACCOMPLISHMENTS:

Program Change Proposals to include resource requirement summaries were completed for the following POIs:

Rotary Wing Instructor Pilot Course (RWIPC). This course has been completely redesigned to provide multiple tracks from a common core for UH-1, UH-60, AH-1S, OH-58, and CH-47 instructor pilot (IP) training. It includes training in contact, combat skills, night hawk, and night vision goggles. The course is pending TRADOC approval.

Officer/Warrant Officer Air Traffic Controller Course. This has been updated to provide training for the administration, operation, and management of fixed base and tactical air traffic control facilities. The course was approved by TRADOC on 18 August 1981.

Initial Entry Rotary Wing (IERW) (Interim) UH-1/OH-58 Combat Aviator Course. This course, which provides initial aviator qualification, has been revised. It provides two aircraft qualification tracks from a common core. It is an interim design for the proposed IERW Multi-Track Qualification Course which will encompass UH-1, OH-58, and AH-1 aircraft.

AH-1S(FM) Aviator Qualification Course (Interim). This new course provides qualification in the fully modernized series of AH-1S aircraft. It was approved by TRADOC in December 1981. The course will be used as the interim program for AH-1S qualification prior to implementation of the proposed IERW Multi-Track Qualification Course.

AH-1S(FM) Instructor Pilot Course (Interim). This new course provides IP training in the fully modernized series of AH-1S aircraft. It was approved by TRADOC in December 1981. The course will be used as an interim IP course prior to implementation of RWIPC.

Night Hawk/Night Vision Goggle (NH/NVG) Instructor Pilot Course. This new course provides night skills training for UH-1 IPs. TRADOC approval is pending. The course will be used as the interim IP program prior to implementation of the RWIPC.

Managed the FY 81 operating budget of \$6.139M which included three Army Management Structure Codes involving 27 Accounting Processing Codes.

The Word Processing Center produced 84,000 typed pages during CY 81 in support of institutional and exportable training development products.

Participated in the TRADOC Training Developments Review of Manpower for FY 82 at Fort Eustis, Virginia, which resulted in the validation of 443 manpower requirements.

Developed an Individual Training Plan Proposal (ITPP) for the new AH-64 aircraft system which will serve as a test document for officer training plans. Updated ITPP resource requirements for MOSs 71P, 93H, and 93J and forwarded these requirements to TRADOC.

Updated Army Modernization Information Memorandum outyear workload and resource requirements for the AH-1S, UH-60, AH-64, Army Helicopter Improvement Program (AHIP), and Helicopter-Launched Fire and Forget Missile Systems (HELLFIRE).

Developed workload, milestone, and resource requirements to support the Division 86 Transition Plan and Army 90 Transition Plan for FYs 84-88.

Prepared training development input for the FY 82 Command Operating Budget which included emerging systems resources for the Advanced Attack Helicopter, HELLFIRE, UH-60A, CH-47D, and OH-58C. Accomplished the FY 81 Budget Execution Review and prepared the Training Extension Course (TEC) budget for FY 82.

Developed, updated, and implemented Training Developments Work Plans for FYs 81 and 82. The FY 81 plan included 288 resourced actions and 187 unresourced actions. The FY 82 plan included 374 resourced actions and 112 unresourced actions.

Prepared training development resources input for Mobilization Exercise (MOBEX) 82 and AH-64 Cost and Training Effectiveness Analysis (CTEA).

Prepared training development input into Programming for Force Modernization FYs 84-88 and updated the Modernization Resources Information System workload and resource requirements for the AH-64, UH-60A, AHIP, CH-47D, AH-1S(FM), HELLFIRE, Division 86 Transition (Air Cavalry Attack Brigade), and Army 90 Transition (air assault division, airborne division, corps, and echelons above corps).

Maintained the FY 81 training developments portion of the TRADOC TRAMIS/CACMIS which involved 1,016 separate actions and provided input for 955 FY 82 actions.

Entered into agreement with Army Research Institute (ARI) and provided funds for contract performance of the Training Development Study (TDS) for the CH-47 Flight Simulator, TDS for the AH-64, and Scout Helicopter Team Mission Simulator Feasibility Study.

Developed and provided training development performance data for Schoolhouse Staffing Factors to the CAC.

Updated and published the TRAMIS/CACMIS Users Handbook to assist DTD project officers in identifying and accounting for workload, manpower, and tracking priorities.

Developed and published the DTD Key Projects/Primary Action Officer Handbook which provides POCs for major projects.

Conducted a training class for DTD clerical personnel on optical character reader (OCR) message preparation to assist in implementing new procedures for preparing and typing messages.

Completed Training Developments scrub of exportable products which resulted in a 30-percent decrease in USAAVNC proponent products. Provided input into the Army Extension Training Information System (AETIS) on exportable products and assisted in development of extension training material (ETM) catalogs.

Conducted DTD Quarterly Review and Analysis presentations for the Director. Provided quarterly input into the USAAVNC Command Performance Summary and participated in the Commander's Quarterly Review and Analysis.

Updated the USAAVNC Training Effectiveness Analysis (TEA) Program and provided input for the TEA Priority System.

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

### MISSION:

Provides input to Course Development Division (CDD) for the development or revision(s) of POIs. Acts on feedback data and learning/training assessments from the field, Directorate of Evaluation and Standardization, Directorate of Training and Doctrine, and Commanding General/Commanders Staff visits. Performs Phase I (Analysis) and Phase II (Design) of the Systems Approach to Training (SAT) process for USAAVNC proponent Individual Training Programs for officer, warrant officer, and enlisted specialties. Coordinates with the US Army Military Personnel Center (MILPERCEN) in the preparation of Army Occupational Survey Program (AOSP) questionnaire items. Conducts analysis of training requirements for existing aviation systems and subsystems. Assists in determining training needs for the Reserve Components. Develops Soldier's Manuals (SM), Trainer's Guides (TG), Job Books (JB), 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 the US Army Aviator Annual Written Examination.

### ORGANIZATION:

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

- Training Analysis Branch, and
- Training Design Branch.

### ACCOMPLISHMENTS:

Completed the following new ISD actions:

- Front-end analysis of the Basic Skills Education Program (BSEP) for 93J and 71P MOSs,
- Front-end analysis for C-7A aviators,
- Front-end analysis for the Near Term Scout Helicopter Preliminary Cost Training Effectiveness Analysis,
- Design phase of Night Hawk/Night Vision Goggle Instructor Pilot Course,
- Design phase of Initial Entry Rotary Wing (Interim) UH-1/OH-58 Combat Aviator Course,
- Design phase of Initial Entry Rotary Wing Combat Aviator Course (Multi-Track), and
- Design phase of Rotary Wing Instructor Pilot Course.

Completed the following review actions:

- Preliminary task list for AH-64 aviators/gunners,
- Design phase of OV-1 Aviator Qualification Course,
- Design phase of OV-1 Instructor Pilot Course,
- Design phase of UH-1 Instructor Pilot Course,
- Design phase of UH-1M Gunnery Instructor Pilot Course,
- Design phase of Rotary Wing Instructor Pilot Course (Multi-Track) (UH-1, OH-58, AH-1, CH-47, and UH-60),
- Design phase of CH-47 Aviator Qualification Course, and
- Design phase of UH-60 Instructor Pilot Course.

Revised SMs, TGs, and JBs for MOSs 71P, 93H, and 93J and developed hands-on components for 12 SQTs for MOSs 71P, 93H, and 93J.

Reviewed 20 nonproponent ARTEPs.

Developed, validated, and distributed 24 versions of the US Army Aviator Annual Written Examination for 1982.

Provided technical assistance for the publication of FM 1-230, Meteorology for Army Aviation.

The Army Aviation Training Symposium was hosted by USAAVNC during December 1981 to address 76 previously identified issues critical to aviation training and standardization. This symposium was sponsored by the DA Deputy Chief of Staff for Operations and Plans (DCSOPS) Director of Training, and it provided an important and meaningful forum for the discussion of issues prior to their being addressed by the Army Policy Committee.

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

### MISSION:

Serves as the single USAAVNC POC for all specialty management actions originated by other schools and centers. Provides representation to the HQDA Specialty Proponency Steering Committee. Conducts SC 15 RETO requirements for commissioned and warrant officers. Develops commissioned and warrant officer job/task analysis plans. Prepares task lists, conducts occupational surveys, and documents tasks. Develops SC 15 officer and MOS 100 warrant officer education and training requirements. Determines criteria for SC 15 and MOS 100 designation/classification. Conducts studies on the integration of aviation training into officer basic and advanced courses in coordination with the CAC and aviation carrier branch schools--Infantry, Armor, Field Artillery, Air Defense Artillery, Signal Corps, and Military Intelligence. Is proponent for and coordinates the Aviation Orientation Program for the basic course at each aviation carrier branch school. Develops military qualification standards (MQS) and training support packages, manuals, and reading lists for aviation specialty commissioned and warrant officers in Active and Reserve Components. Designs and develops aviation specialty training using ISD guidelines for officers and warrant officers and proposes and assists in the development, revision, or discontinuance of training courses. Advises and assists in the development of authorization standards and criteria for table of organization and equipment (TOE) and table of distribution and allowances (TDA) positions for SC 15 and MOS 100. Develops and recommends qualitative requirements for additions, changes, or deletions to SC 15 and MOS 100 generated by force modernization initiatives, doctrinal and organizational changes, and new or improved equipment or systems development. Assists in the development and review of professional development and development patterns (timing and sequencing of education or training) and practical experience opportunities. Assesses the overall effectiveness of SC 15 and MOS 100 career programs in order to maximize the development and retention of personnel who possess skills associated with aviation.

### ORGANIZATION:

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

Review of Education and Training for Officers (RETO) Branch, and  
Management Branch.

### ACCOMPLISHMENTS:

Developed Specialty Code 15 accession methodology to determine branch designation of newly accessed SC 15 officers and coordinated it extensively with each aviation carrier branch school. The results were briefed to the Commanders of CAC, US Army Forces Command (FORSCOM), and TRADOC and approved by the Chief of Staff of the Army on 9 November 1981.

Developed and documented 19 aviation shared tasks and distributed them to combat arms schools for integration into their officer basic and advanced courses.

Developed and documented approximately 1,100 tasks for lieutenant and captain aviators.

Developed and fielded SC 15 company grade officer survey. This survey identified those tasks, skills, knowledges, responsibilities, and equipment associated with company grade officer SC 15 duty position. Over 2,000 surveys were distributed worldwide to SC 15 job incumbents and supervisors. Results of the survey will be used to provide a statistical data base for the company grade officer SC 15 Task Selection Board (TSB).

Developed and fielded Aviation Orientation Program for each aviation carrier school basic course. This program is designed to educate the new SC 15 officer accession at his officer basic course with regard to his career and training development and his role in the Combined Arms Team. Faculty advisor instructional packets (narrative script with class A 35mm slides, two television (TV) tapes, and advisory and question and answer guides) were distributed to each carrier branch school. In addition, approximately 1,100 student handout packets were assembled and distributed to SC 15 officer designees.

Developed and fielded the job task analysis (JTA) plan for aviation warrant officers. This plan outlines the aviation warrant officer RETO effort and assigns specific responsibilities to each aviation carrier branch school.

Developed and revised the aviation officer SC 15 brochure. The brochure contains a narrative description of the SC 15 career field, training and career opportunity data, assignment location information, and action photographs. The brochure is designed to enhance the recruitment of SC 15 officers.

Conducted a front-end analysis of the Warrant Officer Orientation Course (WOOC).

Conducted the WOOC TSB. This TSB determined what tasks should be taught in the WOOC. Results will serve as the foundation from which possible course revision(s) will be based.

Obtained a computer terminal. The terminal is operational within the Training Development Information System (TDIS) network and interfaces with a Burroughs 6810 master computer located at TRADOC. It allows data and task documentation to be interchanged with other TRADOC schools.

## ***COURSE DEVELOPMENT DIVISION***

### MISSION:

Performs the development phase of the systems approach to training analysis and design. Develops and writes POIs and related training material for institutional and extension training to include the Army Correspondence Course Program (ACCP) and TEC lessons. Coordinates and validates the preparation of institutional and extension training material. Updates and coordinates changes to institutional and extension training based upon comments/feedback from students, other service schools, agencies, training centers, and other sources. Prepares scripts and validates programs in support of the USAAVNC Educational Television and DA 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, and  
Enlisted Personnel Management System/Officer Personnel Management System Training Development Branch.

### ACCOMPLISHMENTS:

Developed the following POIs:

Initial Entry Rotary Wing (Interim) UH-1/OH-58 Combat Aviator Course,  
Initial Entry Rotary Wing Combat Aviator Course (Multi-Track),  
AH-1S(FM) Aviator Qualification Course (Interim),  
Rotary Wing Instructor Pilot Course,  
Night Hawk/Night Vision Goggle Instructor Pilot Course,  
AH-1S(FM) Instructor Pilot Course (Interim),  
UH-1M Gunnery Instructor Pilot Course, and  
UH-60 Combat Aviator Qualification Course.

Developed the training strategy and outline of training programs for the AH-64 Individual Training Plan Proposal.

Reviewed/updated 20 POIs and related training materials.

Developed 25 new subcourses and revised 19 existing ones.

Developed 44 TEC lessons.

Completed POI outlines to support outyear programing for the AHIP.

Coordinated closely with CAC on a number of activities which impact directly on USAAVNC POIs. First, CAC guidance concerning incorporation of leadership, ethics, NBC, and history instruction into school POIs is being followed to include USAAVNC instruction in these areas. Second, USAAVNC provided a major input for and continues to work closely with CAC on its Combined Arms Sufficiency Study. Army aviation training at TRADOC schools was identified as one of eight inadequate areas requiring a reassessment of POIs. All branches are users of aviation assets and need to be basically familiar with aviation's role in the air-land battle. Explicit guidance is available from the chain of command and each proponent to insure adequate coverage of this subject at officer basic and advanced courses.

## ***EMERGING SYSTEMS DIVISION***

### MISSION:

Plans and coordinates training development actions for the support of developing aviation systems, subsystems, 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 training development studies, cost and training effectiveness analyses (CTEA), 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 (NETD),
- Training Devices Branch (TD), and
- Systems Analysis/Studies Branch (SAS).

### ACCOMPLISHMENTS:

Completed the US Army Synthetic Flight Training System (SFTS) Requirements Study as a result of a 1980 DA tasking and follow-on efforts. This study addressed flight simulator (FS) utilization requirements, basis of issue plans (BOIP), stationing, and reporting. Comparison and analysis of FS utilization requirements reflected the need for a rank ordering of installations by relative need. Conclusions and recommendations offered changes to FS stationing and BOIPs in order to optimize utilization of all systems. The study also determined that the utilization reporting system needs to be standardized.

Supported UH-60 Flight Simulator (UH60FS) OT II. A decision to divide the UH60FS OT II into two phases (phase I addresses transition training and phase II addresses continuation training) made it necessary to revise the Project Coordination Sheet (PCS) between the Aviation Center and TRADOC System Analysis Activity (TRASANA), divide the TDS into a two-phased effort, and revise the Independent Evaluation Plan (IEP). A reliability, availability, and maintainability (RAM) rationale annex was prepared for the UH60FS OT.

Completed the following CTEAs:

- AH-1 Flight and Weapons Simulator (update),
- AH-64A, and
- Near Term Scout Helicopter (coordinated effort with TRASANA).

Completed the following Training Support Packages (TSP):

- Radar Detecting Set, AN/APR-39(V)1,
- Countermeasures Set, AN/ALQ-144(V)1,
- Gyromagnetic Compass, AN/ASN-43B,
- High Performance Hoist (UH-1/UH-60),

Fiberglass Rotor Blade (CH-47), and  
Aerial Radiation, Detection, Indication, and Computation (RADIAC) System, AN/ADR-6.

Completed the following Training Device Letter Requirements (TDLR):

AH-64 Interchangeable Display System,  
AH-64 Target Acquisition and Designation System (TADS) Selected Part Task Trainer (PTT),  
AH-64 Cockpit Weapons and Emergency Systems Trainer,  
HELLFIRE Dummy Missile Trainer, and  
HELLFIRE Training Missile.

Completed the training chapter (chapter 12) of the AAMAA and forwarded it to the Directorate of Combat Developments (DCD).

Provided training assessment input (TAI) to BOIPs and qualitative and quantitative personnel requirements information (QQPRI) for 32 proponent/nonproponent systems.

Provided instructors for the introduction of the Ground Radar Emitter for Training Aviators (GRETA) to units in Germany.

Completed an independent evaluation plan (IEP) for the CH47FS production model.

Revised Training Device Requirement (TDR) 0027. This TDR covers the UH-1, AH-1, UH-60, CH-47, and AH-64 FSS and has received TRADOC and DA approval.

Defined the AH-64 training program. Major efforts were expended to insure that the AH-64 training program was defined sufficiently early to support fully the AH-64 fielding plan. In that endeavor, the training developer observed AH-64 OT II, extracted available data, and constructed an interim training POI pending the delayed fielding of the AH-64 CMS. The interim training program will consist of initial institutional training via the AH-64 aircraft, AH-1 Pilot Night Vision System (PNVS) Surrogate Trainers, and a family of PTTs. Efforts continued throughout the year with TRADOC and Project Manager, Training Devices (PM-TRADE) to obtain a CMS which fully meets user needs. As a final effort to insure that a successful AH-64 training program is developed, USAAVNC requested and received TRADOC approval to use AH-64 officer/warrant officer training as a test bed ITPP for an officer/warrant officer functional training course.

## ***TRAINING LITERATURE DIVISION***

### MISSION:

Responsible for USAAVNC portion of TRADOC Armywide Training Literature Program requirements. Develops and coordinates preparation of proponent field manuals, DA pamphlets, training circulars, Reserve Officers' Training Corps (ROTC) manuals, and augmentation training publications. Reviews organizational and materiel documents pertaining to aviation training literature. Researches, develops, reviews, revises, and prepares proponent aircrew training manuals (ATM). Provides interface with DCD 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, and  
Publications Production Branch.

### ACCOMPLISHMENTS:

Completed and forwarded following publications to the US Army Training Support Center (USATSC), Fort Eustis, Virginia, for printing and subsequent distribution to the worldwide Army Aviation Community:

FM 1-71P Job Book, Commander's Manual, and Soldier's Manual for Flight Operations,  
FM 1-93H Job Book, Commander's Manual, and Soldier's Manual for Tower Operators,

FM 1-93J Job Book, Commander's Manual, and Soldier's Manual for Radar Operators, and US Army Aviator Annual Written Examination.

Completed production of the following publications and forwarded them to the USATSC:

FM 1-101, Aircraft Battlefield Countermeasures and Survivability (ABCS),  
FM 1-103, Army Airspace Management and Air Traffic in a Combat Zone.

Published an interim change to the ATMs which reflects a mandatory requirement for aviators to perform 9 NBC tasks and identifies 27 additional optional NBC tasks for performance at the unit commander's discretion. Implementation of this change will significantly improve Army aviation's contribution as a member of the Combined Arms Team.

Established a special production task force, utilizing Publications Production and Training Aids Division personnel, to assist in producing the AAMAA. This report is being written primarily by DCD and will identify future aviation requirements. It is scheduled to be completed during the first quarter of CY 82. The report, with related artwork, will be used to support the Army Aviation Systems Program Review in March 1982.

## ***STAFF AND FACULTY DEVELOPMENT DIVISION***

### MISSION:

Develops policies and procedures relating to the operation of the Staff and Faculty Development Program. Conducts Staff and Faculty Development Program courses to include academic instructor and training manager training, supervisor training, programmed and self-paced training, ISD, and related courses. Develops and conducts other POIs for specific training required in development of school staff and faculty training in counseling techniques and suitable academic training for IPs.

### ACCOMPLISHMENTS:

Offered the courses shown below for a total of 562 completions.

Instructor Training Course	178
Counseling and Human Relations Course	166
Instructional Systems Development Workshop	59
Criterion-Referenced Instruction Workshop	57
Action Officer Workshop	35
Criterion Testing and Learning Objectives Workshop	27
Advanced Counseling Workshop	22
Educational Statistics Workshop	9
Skill Qualification Test Workshop	9

Awarded three Senior and six Master Instructor Ratings.

Assisted in training one DA Career Intern Education Specialist (GS-7) who completed internship in March 1981. A two-year training program was begun for five DA Career Intern Education Specialists (GS-5) who were assigned to the Division between 5 January and 18 May 1981.

Inaugurated the Advanced Counseling Workshop in July 1981 and conducted a second workshop in November 1981.

Revised the Instructor Training Course to include the latest instructional techniques and student references.

Refined the USAAVNC Action Officer Workshop (AOW) to incorporate "tracks" for various directorates. The first track to be incorporated will insure the training development action officer becomes more productive sooner in the tour than previously experienced. During the coming year, tracks will be finalized for the combat developer and other directorates. Representatives from the Training Development Institute (TDI) reviewed the tracked AOW lesson modules and expressed interest in using many of them as the basis for a Middle Manager's Course which TDI currently is developing.

## ***TRAINING AIDS DIVISION***

### MISSION:

Acts as a single POC for coordination of training aids requirements. Responsible for a centralized multi-media consultation service. Controls and distributes work requests, establishes priorities, assures quality, and provides responsive service. Provides training aids support for the Aviation Center and Army Reserve, National Guard, and ROTC units assigned within the Fort Rucker geographic support area. 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 Aids Division is composed of the following five branches:

Administrative and Supply Branch,  
Graphics Branch,  
Devices Branch,  
Electronic Branch, and  
Photographic Branch.

### ACCOMPLISHMENTS:

Produced high quality graphic items, such as master art for 35mm slides, overhead transparency masters and copies, charts, black-and-white printing plant masters, embossed signs for academic instructor and class identification, and miscellaneous graphic services, for a total of 42,077 end items.

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

AH-1S Cobra Switchology Trainer,  
UH-60 Caution Advisory Panel Trainer,  
Scaled Range Target System,  
Send-A-Message (SAM) Devices,  
Four-by-eight foot terrain boards (Iran),  
Multimeter Panel Board,  
Four-by-eight foot terrain board (Hunfeld, Germany), and  
UZIA Annunciator Panel.

Processed an exceptional number of photographic support items for a variety of users. The majority of items produced were 35mm color slides, color prints, and black-and-white prints. A total of 642,009 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 with which to present training messages. This hardware included 16mm projectors, 35mm projectors, overhead projectors, opaque projectors, Beseler Cue See projectors, audio tape cassette players, sound reinforcement equipment, and Sony television trainers.

Provided software to requesters which consisted of 16mm films, cassette tapes, DA approved overhead transparencies, and paper "flip" charts. Processed a total of 349,854 audiovisual support items.

## ***EDUCATIONAL TELEVISION DIVISION***

### MISSION:

Directs and produces educational television programs to support instruction at USAAVNC and in Reserve Component and National Guard aviation units and for the DAAPP Armywide 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.

ORGANIZATION:

The Educational Television Division is composed of the following two branches:

Production Branch, and  
ETV Technical Operations Branch.

ACCOMPLISHMENTS:

Completed production of 94 instructional television tapes with a total running time of 3,462 minutes. Of the 94 tapes, 15 were produced for exportable training purposes. Dubbed 2,642 video tapes for local and worldwide training use.

Produced two UH-60 preflight tapes under the DAAPP and two tapes on OH-58C Cockpit Procedures and OH-58C Preflight Procedures.

Produced and exported worldwide nine VIDEOTEC productions on Doppler navigation.

Entered two TV productions (OH-58C Cockpit Procedures, Parts 1 and 2) in the TRADOC Third Annual Vincent F. DeRose Award for Excellence in ETV Production.

Produced two videotapes for use during the TRADOC Commander's Video Teleconference. One videotape addressed FSs employed in training at the Aviation Center. The other videotape addressed USAAVNC training devices in a similar manner. Both videotapes were produced in response to a request from TRADOC. Recorded the entire Commander's Video Teleconference for reference use by interested parties.

Accepted delivery and placed in service two high-fidelity cameras usable in relatively low light level situations and one 1-inch helical-scan video production recorder. This new equipment enabled the Division to significantly improve video quality in all productions and greatly increased creative flexibility.

Developed a TV tape which outlined the Warrant Officer Candidate Military Development (WOC-MD) Course POI and related training environment and distributed it to 265 Active Army units worldwide, Reserve Component agencies, recruiting commands, and National Guard units.

# 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

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Clark A. Burnett	Director	Entire Year
MAJ Larry G. Holder	Executive Officer	1 Apr 81 - Present
MRS. Margarite S. Hodges	Chief, Program Mgt Ofc	Entire Year
MAJ John (NMI) Valcourt III	Chief, Test & Eval Ofc	1 Jan 81 - 7 Sep 81
LTC Thomas J. Tarpley, Jr	Chief, Test & Eval Ofc	8 Sep - Present
LTC George (NMI) Coutoumanos	Chief, Conc & Stu Div	1 Jan 81 - 30 Jun 81
LTC Kenneth E. Kimes	Chief, Conc & Stu Div	1 Jul 81 - Present
MAJ Richard W. Mussmon	Chief, TF 86	Entire Year
LTC Stephen S. MacWillie	Chief, Organization Div	Entire Year
COL David L. Funk	Chief, Mat Sys Dev Div	1 Jan 81 - 4 Jan 81
LTC John A. Lasch, III	Chief, Mat Sys Dev Div	5 Jan 81 - Present
LTC George Coutoumanos	Special Project Officer to Director for Army Aviation Sys Program Review (AASPR)	9 Jul - Present

## ***PROGRAM MANAGEMENT OFFICE***

### MISSION:

Develops and maintains the combat developments and TRADOC Systems Managers (TSM) 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 TSM's to include supervision, preparation, execution, analysis and fund certification and control of Program 208018, Program 208015 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 TSM's. 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 US Army Aviation Center (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:

Develops operational issues for testing and test criteria; prepares Test Support Packages; and prepares the Independent Evaluation Plans (IEP) IAW TRADOC Regulation 71-9. Prepares request for waiver of Operational Test (OT). Reviews the Outline Test Plan (OTP) for OT and the OT portion of the Coordinated Test Plan or Resume Sheet. Reviews Test Design Plans for submission to higher headquarters. Monitors test execution and reviews test reports prepared by test organizations. Prepares Independent Evaluation Reports. Assists other schools and activities in operational testing of nonproponent aviation equipment. Determines the need to evaluate new concepts and technology under the Concept Evaluation Program which includes off-the-shelf commercial items for which no formal development program has been established; coordinates and administers programs which provided limited funding to open the Research and Development (R&D) door for potentially valuable concepts and products.

### ACCOMPLISHMENTS:

Listed below are the projects/goals completed by Test and Evaluation Division during 1981. This included the preparation and staffing of Independent Evaluation Plans (IEP), Independent Evaluation Reports (IER), Concept Evaluation Plans (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.

#### 1. Independent Evaluation Plans/Concept Evaluation Plans/Test Support Packages.

- a. Combat Brigade, Air Attack (4).
- b. Integrated Heads-Up Display for Night Vision Goggles.
- c. Instrument Flight Conditions Simulation.
- d. Helicopter Oxygen System.
- e. ALQ-162 CW Jammer.
- f. Night Vision Goggles (NH/NVG) Training.
- g. Aviation Performance Assessment in a Chemical Environment.
- h. Joint Tactical Microwave Landing System.
- i. Air to Air Weapons System.
- j. 8.30mm XM-230E1 Chain Gun on AH-1S(FM).

- k. Trial Mace II.
  - l. Integrated Inertial Navigation System.
  - m. AN/ALQ-169 Draft.
  - n. Tactical Night Light System.
  - o. US Air Force Laminated Fabric Prototype for Aircrew Uniform .
2. Independent Evaluation Reports/Concept Evaluation Reports on completed testing.
- a. APR-39(V)2 RWR.
  - b. 43B Heading Reference Indicator.
  - c. XM-21 Stabilized Binoculars.
  - d. AH-1S (Modernized Cobra) Fire Control/Weapons Subsystem.
  - e. ALQ-156 Missile Detector.
  - f. Instrument Flight Conditions Simulation.
3. Training Courses/Monitoring tests: In addition to the above accomplishments, personnel of the Division attended training courses, participated in and/or monitored testing/evaluation of the following:
- a. Attended Maintenance Operational Training on the ANS-43B Heading Reference System in Phoenix, AZ 19-23 Jan 81.
  - b. Attended Spring Test Schedule and Review Committee (TSARC) review of Five Year Test Program Meeting in Hampton, VA 10-13 Mar 81.
  - c. Monitored testing of the UH-60A AERO Medical Evacuation Kit in Jun 81.
  - d. Monitored new Bore-sight procedures for the AH-1S Modernized Cobra in Nov 81.
  - e. Attended the Fall TSARC for review of the Five Year Test Program meeting in Hampton, VA in Oct 81.
  - f. Monitored EW/CAS testing in Nevada during Oct-Dec 81.

SHORTCOMINGS:

None.

## ***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 (OT) 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:

1. The HELLFIRE Fire and Forget Seeker Cost and Operational Effectiveness Analysis (COEA). This COEA, initiated in July 1980, was completed in July 1981. Final reports were distributed throughout the Army and selected Air Force organizations.
2. The Army Aviation Mission Area Analysis (AAMAA) Study. This study was initiated in February 1981. The draft final report was distributed to Headquarters, TRADOC and Study Advisory Group members on 17 December. This comprehensive effort articulated Army aviation's deficiencies in extending the ground commander's capability to provide prompt and sustained combat operations and provided recommended corrective actions to identified deficiencies. Additionally, this study provided the basic issues to be addressed at the Army Aviation Systems Program Review (AASPR) 24-25 March 1982. The final product will be the Army Aviation Development Plan to implement the AASPR guidance and to focus our efforts for the next 4 years.
3. The Advanced Attack Helicopter/Semi-Active Laser - HELLFIRE Modular Missile System (AAH/SAL-HMMS) COEA Study Plan. This study plan was approved on 27 February 1981 although informal study efforts began much earlier. The study was to be completed by 23 September 1981. This milestone was not achieved due to the nonreceipt of CARMONETTE effectiveness analysis data from TRADOC Systems Analysis Activity (TRASANA). By the end of the year, the model had been verified for most essential portions of combat representation. The scenario was fine tuned, and the prospect of a minimal run-set to provide adequate support for the AAH/HF DSARC was good.
4. European and Middle East Phase II Scenario. The Scenario Oriented Recurring Evaluation System (SCORES) Branch developed a European and a Middle East Phase II scenario which formed the framework for Aviation Battle Simulation (AVBATS) wargaming done at the USAAVNC. During this calendar year SCORES used its Phase II Europe and Middle East scenarios to conduct 438 minutes of actual battle in support of the AAMAA and the AAH/SAL-HMMS COEA. Battlefield obscurants were played in all games.
  - a. Gaming done by SCORES Branch for the AAMAA is shown below:
    - (1) AAMAA Base Case.
      - (a) Europe - AH-64/HMMS-SAL and Army Helicopter Improvement Program (AHIP) scout with Air to Air Stinger (ATAS).
      - (b) Middle East - AH-64/HMMS-SAL and AHIP scout with ATAS.
      - (c) Europe - Nuclear, Biological, Chemical (NBC) Excursion.
    - (2) AAMAA Corrective Action Sensitivity Excursions. Excursions were gamed under identical simulation conditions with a major munitions/weapons change applied in each as follows:
      - (a) Europe. AH-64 with HELLFIRE Fire and Forget Missile.
      - (b) Europe. AH-64 with Fiber Optics Guided Missile (FOGM).
      - (c) Europe. AH-64 with HELLFIRE Millimeter wave (MMW) Seeker.
    - (3) AAMAA Objective Mission Area Alternative games were identical to base cases except for the following:
      - (a) Europe. The AH-64 was armed with the FOGM and an improved aiming technique for the 30mm cannon. The ATAS seeker was improved.
      - (b) Middle East. The same improvements were applied to the AH-64 and ATAS as described in paragraph (a) above.
      - (c) Europe NBC Excursion. Changes applied to the AH-64 and ATAS described in paragraph (a) above were applied in this excursion. In addition, degradation of Blue forces due to Mission Oriented Protective Posture (MOPP) 4 was adjusted.

(4) AAMAA Outyear Excursion. This excursion assessed the AAH against outyear threat capabilities in a European setting. Improvements were made to the total blue force and to the AAH survivability.

b. Gaming done by SCORES Branch for the AAH/SAL -HMMS COEA is shown below.

(1) Base case game. Europe-with AH-64/SAL-HMMS. Blue systems were 1986 versus a 1992 Threat.

(2) AH-1S game. In this game the AH-1S with a TOW II Missile was substituted for the AAH/SAL-HMMS.

(3) Unfavorable Smoke game. Europe weather was changed in this game to assess the effect of different winds on the battlefield obscurants. The AAH/SAL-HMMS was played.

c. SCORES Branch developed a 30-day scenario for use in the AAH Maintenance Man-power Logistics Analysis. This scenario played the Air Cavalry Attack Brigade from D-5 through D+24 in a European setting. It provided an insight into the reliability and maintainability of the ACAB aircraft within the context of the European scenario.

d. The branch provided Middle East and European Phase II scenarios to the High Technology Test Bed, 9th Infantry Division. These scenarios were adapted to the Yakima test area and will be used by the 9th Division during ACAB evaluation.

e. SCORES Branch provided operations orders overlays to Electronic Warfare/Close Air Support (EW/CAS) for test work done at Nellis Air Force Base, Nevada.

f. SCORES Branch developed tactical maps for Phase II scenario gaming in the Middle East. Maps of the area in scale 1:50,000 were not available from Department of Defense Mapping sources. SCORES developed maps should be printed by 15 Jan 82 and will be the only 1:50,000 maps in the world of this area.

5. The Threat Branch completed a variety of projects encompassing combat developments, training and intelligence dissemination. Significant accomplishments in combat developments are listed below:

a. Threat input to Mission Area Analysis and the AAH COEA. In these areas, an outyear (1992) threat was compiled and extensive wargaming efforts were conducted by several members of the Threat Branch.

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

c. 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 representative.

d. Threat dissemination was conducted through briefings and publication of threat articles. During CY 81 the Threat Branch provided twenty-three threat briefings on a variety of subjects. The branch also published nine threat articles in official military periodicals.

6. Concepts Branch accomplished a number of programed and unprogramed short term studies and concept statements for requirement documents, tests and major COEA efforts. The significant accomplishments were:

a. The operational concept for Aviation Class III/V Resupply of Aviation Units, initiated in October 1979, received Headquarters, TRADOC approval in December 1981.

b. Concept statements addressing air-to-air combat; search and rescue operations, the Light Helicopter Family (LHX) and the integrated cockpit, for the CH-47 were initiated.

## SHORTCOMINGS:

The Advanced Attack Helicopter/Semi-Active Laser - HELLFIRE Modular Missile System COEA failed to meet the Study Plan milestone of 23 September 1981 due to the lack of CARMONETTE effectiveness analysis data from the TRADOC Systems Analysis Activity (TRASANA). This lack of effectiveness data was caused by a) major model modifications by TRASANA; b) loss of experienced TRASANA modeling personnel; and c) apparent autonomy of the TRASANA organization.

The root of the problem was the lack of analytical aviation tools and the unsuccessful attempts in effecting these tools. COEA and study data required from DARCOM was a major problem and consumer of manpower and time by the study team. A mechanism to inextricably involve DARCOM and its agencies in responding to study efforts were required. Current regulations, policies and methods of operation were nonfunctional.

## **TASK FORCE 86**

### MISSION:

The mission of Task Force 86 is to be the USAAVNC central point of contact (POC) for the conduct of the Army 86 Studies: Echelons Above Corps (EAC) 86 Study, Corps 86 Study, Contingency Corps 86 Study, Heavy Division 86 Study, Light Division 86 Study, Airborne Division 86 Study, and the Air Assault Division 86 Study. TF 86 is also the Center POC for the Heavy Division 86 Transition Plan, and the High Technology Light Division (HTLD) Test at Fort Lewis, and is supporting the Army Aviation Mission Area Analysis (AAMAA) by developing the Combat Service Support Chapter.

### ACCOMPLISHMENTS:

1. Air Cavalry Attack Brigade (ACAB) Transition (from current structure to Army 86 structure in the heavy divisions). The original transition plan for the ACAB contained in the Headquarters, Department of the Army (HQDA) Army 90 Transition Plan, dated 26 Jan 81, proposed a transition for the ACAB well after the transition of almost all of the rest of the division. An alternative transition plan was developed by the Aviation Center. At a conference called on 10 March 1981, for the ACAB Proponent Center Commanders to discuss the USAAVNC recommended changes to the Division 86 Transition Plan, all center commanders attending the meeting (Armor, Infantry, Transportation) supported the USAAVNC plan, calling for a single date conversion of the aviation assets in Army heavy divisions to the ACAB in September 1981. The final DA transition plan provided for transition to the ACAB over a period of three years beginning in 1st Qtr FY 84, three years before the original plan.
2. ACAB Fielding. The first ACAB was officially organized in the 9th Infantry Division (ID) at Ft Lewis, WA with all but one deferred company (one Combat Support Aviation Company) reaching operational status in Sep 81. Task Force 86 was involved throughout the process, from the fielding plan developed by TF 86 in 1980, through the long process of developing a complete new set of ACAB Tables of Organization and Equipment (TOE's) to allow the ACAB organizations to be fielded within the Forces Command (FORSCOM) available resources. This required Task Force 86 personnel to attend many meetings at Training and Doctrine Command (TRADOC) and FORSCOM to resolve the equipment fill issues.
3. ACAB Test Development. ACAB Test Development began in December 1980 and was a continuous process throughout the year. Initially, the High Technology Test Bed (HTTB) at Fort Lewis was conducting ACAB test development, but the Combined Arms Center (CAC) commander transferred that responsibility to TRADOC Combined Arms Test Activity (TCATA) in April 1981. USAAVNC was tasked by TCATA and HTTB to provide ACAB subject matter experts during many TDY work group periods at Fort Lewis to develop the six detailed ACAB test scenarios.
4. Mission Area Analysis. The Directorate of Combat Developments was tasked with preparing the Army Aviation Mission Area Analysis (AAMAA), and the Combat Service Support (CSS) chapter was assigned to Task Force 86. In developing this chapter, Task Force 86 discovered that no references were available for combat flying hours which were based on rigorous analysis. Combat flying hour planning figures provided the basis for the aviation force structure, especially the combat service support units. Within the time constraints of the AAMAA, TF 86 developed a methodology to provide proposed interim DA combat flying hour figures, and recommend a procedure for the development of final flying hour planning factors.

## SHORTCOMINGS:

While goals and schedules were met, certain problems caused misunderstandings and resulted in "crash" efforts to remain on schedule. The problem was that the development of the ACAB was hampered by diverse proponentcy, especially the test development process. Proponentcy and responsibility for the various elements of the test documentation and the test itself were changed from the HTTB at Ft Lewis to TCATA at Ft Hood, TX causing a slippage of three months. Responsibility for the test scenario development was never assigned, and little work was accomplished until the HTTB assumed the responsibility and accomplished the work with minimal resources. The problem was that no one had clearly been in charge and able to direct a cohesive effort. ACAB test development was accomplished on schedule largely because of the cooperation of personal working relationships among the action officers of the 9th ID, TCATA, and the ACAB proponentcy center.

## ***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:

1. Hosted following briefings/meetings/conferences;

a. Aviation Proponent Commander's Conference - Addressed Air Cavalry Brigade (ACAB) implementation/transition plan for heavy division.

b. Incorporation of Army aviation in the regimental system - Briefed the Armor Center; Infantry School; and U.S. Army Soldier Support Center (USASSC).

2. Provided representatives for the following conferences/work groups/Study Advisory Groups (SAG's)/Source Selection Evaluation Boards (SSEB's)/schools:

a. Total Army Analysis (TAA) 88 Workshop at HQDA.

b. AH-64 Aircraft Survivability Equipment (ASE) Review at Fort Monroe, VA.

c. Organization Development Workshop at Fort Monroe, VA.

d. Career Management Field (CMF) 67 Briefing at Fort Rucker, AL.

e. Coordination meeting on ADR-6 Radiac System at Fort McClellan, AL.

f. BOIP for Test Measurement & Diagnostic Equipment (TMDE) Modernization Work Group Meeting at Fort Gordon, GA.

g. Data Processing Field Office (DPFO) Users Conference at Kansas City, MO.

h. J-series, Heavy Division ACAB at Fort Monroe, VA.

i. MTOE Review at Fort Lewis, WA

j. Light Infantry Division Working Group at Fort Leavenworth, KS.

3. Developed, revised, or reviewed the following Table of Organization and Equipment (TOE):

01-285A, Combat Support Aviation Battalion (heavy and light divisions)

01-287A, General Support Aviation Company (heavy and light divisions)

01-286A, HHC, Combat Support Aviation Battalion (heavy and light divisions)

01-277H, Aviation Support Company

01-256H, HHD, Combat Aviation Battalion  
01-258H, Assault Support Aviation Company  
01-287K, General Support Aviation Company (heavy and light divisions)  
01-127H, Corps Aviation Company  
01-137H, Corps Aviation Company

In addition to the above listed TOEs, the entire S- and J- series TOEs were developed for the Corps Aviation Brigade in support of the Army 86 studies. The ACAB transition J-series TOEs for the heavy division were boarded at HQ TRADOC and forwarded to HQDA for review. Reviews of the A-, K-, and J- series TOEs were completed by HQ TRADOC.

4. BOIP/QQPRI: Inputs were provided to 142 Basis of Issue Plans (BOIPs) and 20 separate Qualitative and Quantitative Personnel Requirements Information actions. The two types of actions mentioned above provided the total aviation proponentcy ("O1" TOE) inputs for new equipment and required support personnel. These actions were performed in concert with the Armor Center, the Infantry School, and other aviation mission proponent centers to insure all aviation mission proponent TOEs were addressed.

5. Computer Utilization: Fort Rucker initiated an action to increase use of the Combined Arms Center (CAC) computer. TOE related programs were available in the computer system to perform MACRIT, POL, ammunition, power generation requirements, and vehicle loading computations. Many schools were unaware of the potential available to ease their workloads.

6. Petroleum, Oil, and Lubricants (POL) review: During TOE development actions, it was discovered there were a minimum of five separate POL consumption data bases; none in agreement with the others. Initiative was taken by Organization/Force Developments Division to gain consensus among different schools to accept SB 710-2 figures (these numbers are used by CAC computer).

7. Army Aviation Mission Area Analysis (AAMAA): Major portions of Organization/Force Developments Division's man-hours were spent developing the Organization/Force Development chapter of the Army Aviation Mission Area Analysis (AAMAA). The goal of this project was to define deficiencies and propose solutions to problems existing in aviation organizations and force structure of the Army.

8. Army Aviation Personnel Requirements for Sustained Operations (AAPRSO): A significant amount of time was spent analyzing the AAPRSO Study. Among the areas addressed were determination of additional (aviation) manpower requirements and associated costs, an analysis of any possible increased effectiveness achieved by increased aviator staffing, a determination of a means to incorporate an increased aviator staffing in requirements documents, and computation of a ratio of USAR, ARNG, and Active Component (AC) aircrews required to support mobilization requirements and sustained operations.

9. Second FM radio: Completed documentation to authorize a second FM radio in Army aircraft (observation/scout roles).

10. Total Army Analysis (TAA) 88: Provided Aviation Center input to HQDA for TAA 88. This study outlined the aviation force structure for submission to the FY 84-88 POM cycle.

11. Provided USAAVNC input to the following actions accomplished by other agencies:

- a. Tactical Wheeled Vehicle Overload Study (USALOGC).
- b. NOE Communications Package (AVRADCOM).
- c. Class III/V Analysis (TRADOC).
- d. Standardized PLL/ASL for generators (USAES).
- e. Input for SFRS requirements through FY 87 project (DTD).
- f. Input for conceptual development of US Army regimental system (USASSC).
- g. Recommended changes to TOE 55-224A110 (USATSCH).

- h. Recommended changes to TOE 57-257A100 (USAIS).
  - i. USAF organization information provided (RETO).
  - j. MACRIT information and AH-64 COEA (COEA Study Group).
  - k. Reviewed Land Mine Warfare Concept (DCC/Concepts).
  - l. Prepared Ground Support Equipment (GSE) and Common Ground Support Equipment (CGSE) for AH-64 and revised Q-series to support MMLA (USAARMS).
12. General actions.
- a. AH-64 ASE (Aviation Survivability Equipment) Review input provided.
  - b. TMDE (Test Measurement Diagnostic Equipment) upgrade requirements developed.
  - c. Changes to Force Analysis Simulation of Theater Administrative and Logistics Support (FASTALS) Master Files allocation rules recommended.
  - d. Input to Aviation Center Training Analysis & Assistance Teams (ACTAAT) queries provided.
  - e. Input to AH-64 COEA provided.
  - f. Input to UH-60 PIP provided.
  - g. Implementation of CMF 67 to H-series TOEs.
  - h. Tactical Wheeled Vehicle Overload Study performed.
  - i. Helped standardize prescribed load list/authorized stockage list (PLL/ASL) for generators.
  - j. Reviewed the Land Mine Warfare Concept.
  - k. Provided class III update to align aviation organizations with the current doctrinal requirements of the 1978 Bulk Petroleum Study (HQ TRADOC and HQDA).
  - l. Prepared DCD input for AR 10-6 (draft).
  - m. Prepared Standardization/Safety Officer TOE Requirements Study.
  - n. Proposed policy guidance for safety and standardization officers and instructor pilots.
  - o. Compiled ARCSA IV Essential Elements of Analysis (EEA).
  - p. Provided updated Army 86 aviation organizations in support of the Maintenance, Manpower Logistics Analysis (MMLA) Study.

# **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. Supervises the integration of approved user test results into the combat development process for mutual support of user tests, studies and analysis.

## ACCOMPLISHMENTS:

1. Lab Interface. Tremendous improvements were made in the laboratory interface program during CY 81. 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:

- a. Periodic visits to DARCOM labs.
- b. Development and maintenance of a record of lab programs using the Modernized Army Research and Development Information System (MARDIS) as a data base.
- c. 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.
- d. Providing user input to R&D planning by participating in joint working groups with CARCOM and maintenance of a dialogue with lab personnel.
- e. Participating with TRADOC headquarters at the annual lab review.
- f. Interfacing with 25 DARCOM labs and research and development commands, and tracking approximately 500 R&D projects.

2. Self-deployment. An operational concept for self-deployment of certain Army aircraft was developed and published. Requirements documents for self-deployment equipment for the appropriate aircraft were also developed and were approved by either TRADOC or DA. Increasing costs, combined with inter-/intra-service involvements, generated the need to further study the cost and benefits of self-deployment at the DA level. Concepts Analysis Agency conducted this study, with a final report due in June 1982.

3. Desert Operations. Following Operation "Bright Star," HQDA directed TRADOC and DARCOM to initiate actions to increase the sustainability of helicopters operating in a desert environment. A series of Aviation Research and Development Command (AVRADCOM) hosted meetings aided in identifying major deficiencies, corrective actions, and follow-on issues, which DCD has refined or resolved in coordination with each aircraft mission proponent and AVRADCOM.

4. NBC. The Directorate initiated a massive effort to elevate NBC training for aviators, which included revision of all training manuals, providing training guidelines to the field, and inclusion of NBC evaluations during standardization flights and written exams.

5. Cobra 2000. A major user conference, Cobra 2000, was hosted resulting in the decision to seek block improvements on all of the various AH-1 models to improve standardization and lessen the logistical burden of supporting five different models. Corrective actions for the proposed block improvements and upgrade of selected areas on the AH-1S (FM) will be determined by a special IPR in February 1982.

6. Air-to-Air Combat. To answer the air-to-air threat, the Directorate developed a draft required operational capability (ROC) for a multipurpose lightweight missile system (MLMS) (air defense suppression). Included with this was the development of issues, threat, and aircraft mission and engagement profiles for an infrared missile seeker concept evaluation. The results will be analyzed by DA pursuant to approval of the MLMS ROC.

7. Robotics. Realizing that robotics may be the trend of the future, the Directorate became an active participant in the Soldier Support Center's robotics/ artificial intelligence program, providing input of aviation-related interests.

8. Aviation Life Support Equipment (ALSE). In the area of aviation life support, the Directorate made many significant accomplishments during the past year. Most noteworthy were the following:

- a. Developed initial staffing of an Army regulation establishing a life support system.
- b. Defined the Army's role in combat search and rescue.
- c. Developed the requirement document for a personnel locator system which will enable aircrews to conduct all-weather search and rescue.
- d. Developed requirements documents for head-to-toe aircrew survival equipment. Emphasis was on individual gear and aircraft modules containing gear tailored to specific environments.

9. Integrated Battlefield. Aligning closely with life support is the aviator's ability to operate effectively on the integrated battlefield. An Army-wide program was conceived and initiated which will enable Army Aviation to operate as a member of the combined arms team on the integrated battlefield. The program was briefed to the appropriate MACOMs, DA, and Army Under Secretaries. Also defined was the requirement for an aircrew life support system, integrated battlefield, which integrated life support and NBC protection while achieving man-machine interface and facilitating mission/task accomplishment.

10. Aircraft Survivability Equipment. The ASE ROC was approved and published in June 1981. This is a family ROC which covers the development of Aircraft Survivability Equipment for all aircraft.

11. Night Operations:

- a. Developmental and Operational Testing II, of the Aviators Night Vision Imaging System (ANVIS), AN/AVS-6 Goggles was conducted at Ft. Rucker. Test results showed increased night operational capability over the present AN/PVS-5 Night Vision Goggles.
- b. The pilot's Night Vision System (PNVS) and the Target Acquisition Designation System (TADS) showed favorable test results during the Operational Test II, conducted at Hunter Liggett, CA during Jun-Aug 81.
- c. A two-phase effort was initiated to achieve NVG lighting compatibility in all Army helicopters. Phase I, currently underway, will produce an immediate solution to achieve AN/PVS-5 and AN/AVS-6 Night Vision Goggle compatibility in the CH-47, UH-1, OH-58 and AH-1S (MODS). Phase II will address all other aircraft not compatible with the AN/AVS-6 NVG's.

12. Navigation and Landing: Prepared and coordinated Draft ROC for a Joint Tactical Microwave Landing System (JTMLS). This system will provide numerous advantages over Precision Approach Radar and Instrument Landing Systems (ILS).

13. Communications: In an effort to enhance communication capabilities, an Avionics System Integration/Standardization Joint Working Group was established. Its primary purpose was to recommend policy changes to HQDA, standardizing the navigation and communication systems for Army aircraft through the 80's.

14. Special Electronic Mission Aircraft (SEMA).

- a. SEMA-X Joint Mission Needs Statement (JMNS) approved by TRADOC during Nov 81.
- b. AN/ASN 132 (Integrated Inertial Navigation System) ROC approved at TRADOC, Nov 81.
- c. Guardlook concept received DA approval during Aug 81.
- d. Quick Fix II PV IPR approved.

SHORTCOMINGS:

1. ASE training devices are not keeping pace with the development of the end item.
2. Attack and scout aircraft evasive maneuvers have not been developed along with ASE.
3. Army Aviation does not have a Radar Airborne Jamming System.
4. Standoff Target Acquisition System (SOTAS) unfunded for FY82 (Nov 81).
5. Additional funding required for the Joint Tactical Microwave Landing System (JTMLS) to complete the Advanced Development Phase was not approved - contractor work has stopped.
6. FACTS - Delay. The Forward Looking Infrared Augmented Cobra TOW Sight will provide the AH-1S with a night and limited adverse weather target acquisition capability. A nine (9) month program delay, due to funding cuts in the FY 84 budget resulted in an adjusted IOC, estimated now to be in March of 87.
7. PIP's (Avionics) - Current funding constraints show a \$1.2 million dollars shortfall for FY82.
8. A shortage of personnel resources working the AAH Maintenance Manpower, Logistics Analysis (MMLA), along with insufficient usable data, has caused milestones to slip. The MMLA study group and RAM Branch are not adequately manned to fully coordinate and manage this massive effort.

# 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 non-resident training programs and 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
- Australian Exchange Officer
- British Exchange Officer
- Program Management Office
- Standardization Literature Review Office
- Aviation Digest
- Flight Standardization Division
- Evaluation Division

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL George F. Newton	Director	Entire year
CW4 Michael J. Novosel	Safety Officer	Entire year
MAJ Kenneth D. Rhoades	ARNG Advisor	Entire year
MAJ Peter Rogers	Australian Exchange Officer	1 Jan 81 - 23 Dec 81
MAJ Alan G. Wiles	British Exchange Officer	4 Jun 81 - Present
LTC William C. Childree	Executive Officer	Entire year
MRS. Rae W. Swindall	Supervisory Program Analyst	Entire year
MR. Robert H. Roach	Administrative Officer	Entire year
MAJ Roger D. Trickler	Chief, Standardization Literature Review Office	1 Jan 81 - 30 Nov 81
MR. Richard K. Tierney	Editor, Aviation Digest	1 Oct 81 - Present
LTC Joshua L. Kiser	Commander, Flight Standardization Division	Entire year
LTC John E. Watts	Commander, Evaluation Division	Entire year

ACCOMPLISHMENTS:

Published 12 STACOM's in the US Army Safety Center's FLIGHTFAX.

Published 12 articles for "DES Report to the Field" in AVIATION DIGEST.

Conducted training for night hawk/night vision goggle (NH/NVG) IP's and SIP's during the annual evaluation/assistance visit to USAREUR.

Hosted and conducted the Army Aviation Training Symposium and Policy Committee meeting for DA DCSOPS, 16-20 November 1981. Seventy-seven issues were forwarded by major Army commands (MACOMS) for consideration by the committee.

## ***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 (Evaluation Division functions were realigned from AMS 814741.2 and account AMS 814771.6 was established effective 1 October 1981); (3) AMS 819731.1 Training Support to Units (effective 1 October 1981, Aviation Digest was realigned from AMS 814772.2 Army Service Schools and added to AMS 819731.1 Training Support to Units).

Processed 607 TDY travel orders and managed \$336,000.00 for TDY travel in support of the directorate's mission.

Processed 10 newly assigned civilians and 27 military personnel.

Developed DES resource requirements to support six program change proposals (PCP) and input to DRM for inclusion in total packet.

During 1981, 22 personnel from the directorate participated in individual training conducted by USAAVNC Civilian Personnel Office and Office of Personnel Management.

Coordinated the directorate's Affirmative Action Plan.

## ***STANDARDIZATION LITERATURE REVIEW OFFICE***

### MISSION:

Serves as user representative in matters pertaining to aircraft operators manuals (-10's) and checklists (-CL) in accordance with AR 310-3 and the USAAVNC/TSARCOM Joint Operating Agreement. Responsible for reviewing and coordinating aviation training and standardization publications and literature prepared by USAAVNC and TRADOC proponent centers to insure standardization and technical accuracy of content. Responsible for changes/revision to AR 95-1.

### ACCOMPLISHMENTS:

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

Participated in 23 trips to the field and to TSARCOM in support of the TSARCOM USAAVNC JOA for -10 and -CL.

Reviewed over 402 DA Forms 2028 which recommended changes to -10 and -CL.

Received, staffed, and reviewed over 87 items of training literature to include ATM's, FM's, ARTEP's, POI's, and flight training supplements.

Prepared for and coordinated all activities involved in the 1981 Army Aviation Policy Committee meeting.

Developed Change 1, AR 95-1.

## SHORTCOMINGS:

Authorized project officer not assigned after May 1981.

# ***US ARMY AVIATION DIGEST***

## MISSION:

Coordinates with U. S. 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:

On 1 January 1981, the Aviation Digest was transferred from the Directorate of Training Developments (DTD) to the operational control of the Directorate of Evaluation and Standardization (DES). The Aviation Digest is owned at DA by the Office of the Deputy Chief of Staff for Operations and Plans (ODCSOPS) which funds its printing and distribution costs and has charged the Commanding General with supervising its production. The move consolidates the two ODCSOPS functions at Fort Rucker in the same Directorate. The full transfer of the Aviation Digest to DES was implemented 1 October 1981.

In February 1981, the Thomasson Printing Company, Carrollton, GA, had its contract for printing the Aviation Digest renewed for 1 year by the GPO. The April 1981 issue was the first under the new contract. DAAG's letter of 14 October 1981 approved continued publication of the Aviation Digest in accordance with the requirements of AR 310-1. As a result of a DOD directed cut in production expenses of military magazines, the DAAG letter directed that effective with the April 1982 issue, the Aviation Digest be reduced from 52 to 48 pages, included self-cover.

During the past year, the Aviation Digest averaged 32,526 copies printed each month under pin-point distribution handled at DA level. The highest number printed was 32,934 in September.

In August 1981, the U. S. Army Aviation Center Thrift Shop board declined to allocate more funds to purchase and present an engraved pen to each monthly winner of the Aviation Digest Writing Awards Contest and a calculator to the annual winner. The last Thrift Shop funded pen was awarded to the November winner.

The Bogardus S. Cairns Chapter (Fort Rucker) of the Association of the United States Army AUSA voted in its September meeting to fund the pens and calculator for the rest of the contest year. The first pen sponsored by the AUSA was presented to the December winner.

Articles printed during 1981 covered all aspects of Army Aviation. Significant highlights include:

. Comprehensive coverage of the U. S. Army Europe (USAREUR) with a feature article by General Frederick J. Kroesen, Commander in Chief, USAREUR and 7th Army. This issue also paid tribute to Major General James C. Smith, the last active duty Army Liaison pilot to retire.

. The April issue's lead article by Brigadier General James A. Teal, Jr., Commander of the U. S. Army Intelligence Center and School, Fort Huachuca, AZ, introduced a series of in-depth articles on Army Aviation's intelligence gathering capabilities with special electronic mission aircraft. The issue also contained the directory of Army Aviation activities at DA.

. The U. S. Army Materiel Development and Readiness Command (DARCOM) mission and accomplishments were ably explained in the May issue. General John R. Guthrie's lead article set the pace for several excellent articles covering the AH-64; the LHX (light scout helicopter); the U. S. Army Missile Command; and the U. S. Army Troop Support and Aviation Materiel Readiness Command (TSARCOM). Another article "Where Have All The V/STOLS Gone" by Colonel John W. Oswalt (retired) also drew high praise.

. June, the Army Aviation 39th Birthday issue carried a significant interview with Major General Smith. It was conducted at Fort Rucker when he came to the Aviation Center for his retirement. The history issue also presented the first of a most interesting four-part series on the Army forward aeromedical evacuation story.

. The emerging doctrine of the AirLand Battle as it relates to Army Aviation forces was fully explained in the July issue by Major General Carl H. McNair, Jr., Aviation Center Commander, and Captain Josef Reinsprecht of the aviation Center's Directorate of Combat Developments.

. Lieutenant General William R. Richardson, as he left his job as commander of the U. S. Army Combined Arms Center, Fort Leavenworth, KA, to become Deputy Chief of Staff for Operations and Plans at DA, wrote a powerful article for the August issue. It covered history and Army Aviation's role today as a member of the combat arms. He charged Army commanders at all levels to take the lead in developing the potential of Army Aviation.

. Another powerful article, Helicopter Air to Air Combat Operation, the lead by General McNair in the October issue, triggered wide discussions throughout the military community about helicopter articles in this issue and kicked off a series to be carried in subsequent months.

. November opened a series of Army National Guard articles that immediately began drawing praise including a highly complimentary letter to General McNair from Lieutenant General Julius W. Becton, Jr., the Deputy Commander for Training at the U. S. Army Training and Doctrine Command.

. The Army Aviation Reserve mission was covered in December and initial reactions indicated it would receive the same acclaim as the National Guard issue did. December also featured an important message from General John W. Vessey, Jr., the Army Vice Chief of Staff, to the members of the Aviation Training Symposium and Policy Committee which convened at Fort Rucker in November.

The Aviation Digest has received dozens of requests for copies of the articles cited above.

## ***FLIGHT STANDARDIZATION DIVISION***

### MISSION:

Advises the Director on all matters pertaining to the United States Army Flight Standardization Program. Evaluates the effectiveness of individual aviator proficiency for resident and non-resident flight training programs. Monitors, provides assistance and makes recommendations to supported units/activities to insure quality control and overall training effectiveness. Recommends general policy guidance to the Director concerning the Army-wide Flight Standardization Program. Provides flight standardization input to DA aviation-related flight publications. Assists in the development and evaluation of Synthetic Flight Training Systems (SFTS). Conducts flight standardization evaluation/assistance visits to U. S. Army installations and commands on a worldwide basis. Coordinates flight standardization input thru the Standardization Literature Review Office to DTD for formulation of training documents and publications. Provides flight standardization subject-matter expertise to DOTD, DTD, DCD, TSM's, and other appropriate activities on Fort Rucker in preparation and review of doctrinal, organizational, and material-related actions. Provides flight standardization subject-matter expertise to support Reserve Component IP/SIP training programs.

ORGANIZATION:

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

ACCOMPLISHMENTS:

Evaluated, in concert with TRADOC Aviation Resource Management Surveys (ARMS) visits, 14 TRADOC Installation Flight Standardization Programs.

Evaluated, in concert with FORSCOM ARMS visits, 20 FORSCOM Installation Flight Standardization Programs.

Evaluated, in concert with DARCOM ARMS visits, 16 DARCOM Installation Flight Standardization Programs.

Evaluated the Flight Standardization Programs in US Army Europe, Eighth Army, US Army Japan, and WESTCOM.

Conducted seven instructor pilot/standardization instructor pilot (IP/SIP) seminars for the Reserve Components (TC).

Evaluated, in concert with CONUSA's (First, Fifth, and Sixth Army) ARMS visits, 73 Reserve Component Aviation/Activity/Unit Flight Standardization Programs.

Administered 643 IP end-of-course evaluations and 611 quality-control evaluations of aviators in formal courses of instruction at Fort Rucker.

Participated in all CONUS MACOM flight standardization committee meetings.

SHORTCOMINGS:

Nonstandard aircraft training. The DES SIP's in nonstandard 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). The Evaluation Division reviews literature produced at USAAVNC when requested/directed. All ARTEPS written at USAAVNC or staffed for other TRADOC schools at USAAVNC are reviewed, including all ACAB ARTEP's 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 the graduate questionnaire program, were completed for the Air Traffic Control Tower Operator Course (93H) and the Radar Controller Course (93J). Evaluations of the UH-60 (Blackhawk) Aviator Qualification Course and the Rotary Wing Aviator Training Course (RWARTC) were initiated and are scheduled for completion in early 1982. The Graduate Questionnaire Program has been approved by DA MILPERCEN with each evaluation being assigned a Department of the Army Survey Control number. This program provides USAAVNC training program graduates and their supervisors the opportunity to critique the adequacy of USAAVNC training in preparing personnel for the assumption of duties in field units. The program has two phases: the Questionnaire Data Collection Phase for identification of suspect tasks and the Field Visitation Phase for the verification of the suspect tasks and the collection of hard data.

. The Aviation Center Training Analysis and Assistance Team (ACTAAT), which is the USAAVNC Branch Training Team (BTT), conducted six separate trips and visited over 60 company-sized aviation and ATC units. The 1981 visits included: Alaska, Fort Bragg, Fort Carson, Jacksonville, FL (National Guard), Panama, and USAREUR. The ACTAAT was formed in order to provide a communication link between USAAVNC and aviation and ATC field units. The ACTAAT seeks input regarding the effectiveness of USAAVNC training programs and provides training support materials and briefings on USAAVNC plans and programs to units visited. Current plans calls for annual visits to units in Europe and Korea with the remaining units being visited every 30 - 36 months. The 1981 visit to Korea, scheduled for December 1981, was rescheduled due to fiscal constraints.

### Internal Instructional Systems Evaluation Branch:

. Sixty-one POI's, MOI's, FM's, TM's, etc., were reviewed and comments made where appropriate.

. Five formal evaluations were completed.

- .Warrant Officer Senior Course
- .Fixed Wing Multi-Engine Qualification Course
- .Warrant Officer Orientation Course
- .Rotary Wing Aviator Refresher Training Course
- .Faculty Committee Review of Warrant Officer Course

. One formal evaluation was initiated in September 1981 and will be completed in first quarter CY 82, U-21 Instructor Pilot Course Academics.

. FY 82 Evaluation Plan was developed in coordination with the Directorate of Training Developments (DTD) and Directorate of Training and Doctrine (DOTD).

. Developed two evaluation memorandums to aid in course evaluation and course development:

- .Guidelines for Conducting Job and Task Analysis
- .Guidelines for establishing a Documentation and Filing System for Task Analysis

# 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 six primary operating divisions:

- Administrative Support Division (Adm Spt Div)
- Test Concept and Operations Division (TC&O Div)
- Electronic Systems Test Division (Elct Sys Test Div)
- Resource Management Division (Res Mgt Div)
- Aircraft Systems Test Division (Acft Sys Test Div)
- Major Systems Test Division (Maj Sys Test Div)

## KEY PERSONNEL:

Key personnel assigned during the year were:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Colonel Robert A. Bonifacio	President	Entire Year
Mr. George Slagley	Technical Advisor	Entire Year
Sergeant Major Jack W. Lisenby	Sergeant Major	1 January - 31 July 1981
Sergeant Major Nicholas K. Smythe		1 August 1981 - Present
Lieutenant Colonel Robert J. Joles	Executive Officer	Entire Year

Key personnel assigned during the year were: (Continued)

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Major David M. Mabardy Lieutenant Colonel Victor S. Conner Lieutenant Colonel James D. Cowart	Chief, Adm Spt Div	1 January - 24 July 1981 25 July - 6 December 1981 7 December 1981 - Present
Lieutenant Colonel David H. Fournier Lieutenant Colonel Gilbert H. Fredrick	Chief, TC&O Div	1 January - 3 August 1981 4 August 1981 - Present
Captain R. W. Rinehart Captain William D. Gee	Commander, HQ Co	1 January - 12 May 1981 13 May 1981 - Present
First Sergeant Franklin D. Griffin Sergeant First Class Royce L. Burns	First Sergeant, HQ Co	1 January - 23 March 1981 24 March 1981- Present
Lieutenant Colonel Clifford Ohlenburger Lieutenant Colonel George A. Hawkins	Chief, Elct Sys Test Div	1 January - 23 April 1981 14 April 1981 - Present
Mr. Bobby D. Tindell	Chief, Res Mgt Div	Entire Year
Lieutenant Colonel Hugh Rhodes	Chief, Acft Sys Test Div	Entire Year
Major Clarence A. Smith	Chief, Maj Sys Test Div	Entire Year

ACCOMPLISHMENTS:

During 1981, the USAAVNBD completed 20 tests, evaluations, and/or studies and participated in the planning phases on 11 additional programmed tests:

FLOTATION KIT FOR HELICOPTER AIRCREWMEN/PASSENGERS

The purpose of this test was to evaluate the operational suitability of the Life Raft Package (LRP) for safety of crewmembers/passengers in Army helicopters during flights over water. Test results were provided to assist in a procurement decision. Results of the test showed inadvertent inflation during flight would cause loss of aircraft control and personnel injury.

AN/ALQ-156(V) RADAR MISSILE DETECTOR

The purpose of this test was to determine the military utility of the AN/ALQ-156 Radar Missile Detector when used in conjunction with the XM-130 Aircraft General Purpose Dispenser in countering the IR missile threat systems.

UH-60A BLACK HAWK AEROMEDICAL EVACUATION KIT, OT IIA

The purpose of this test was to assess the operational suitability and military utility of the UH-60A Black Hawk Aeromedical Kit. Test results were provided to be used to resolve operational issues to support type classification decisions.

UH-60 BLACK HAWK FLIGHT SIMULATOR (UH60FS)

The purpose of this test was to perform DT/OT II testing of the UH60FS following resolution of Government acceptance testing.

AH-1S FIRE CONTROL/WEAPONS SUBSYSTEMS

The purpose was to assess the operational capability of the AH-1S Fire Control/ Weapons Subsystems. Results were to be used to determine the capability of the subsystems to meet operational requirements. Test data were provided to the independent evaluator to provide a recommended position to Headquarters, US Army Training and Doctrine Command, for future decisions pertaining to the AH-1S system.

#### XM-21 HANDHELD STABILIZED MONOCULAR

The purpose of this test was to assess the utility and operational suitability of the XM-21 hand-held stabilized optic as an observer aid in the OH-58C. Results of the evaluation were provided to be used for type classification and a procurement decision.

#### INSTRUMENT METEOROLOGICAL CONDITION (IMC) SIMULATOR CONCEPT EVALUATION PROGRAM

The purpose of this test was to assess the feasibility of the IMC goggles as a replacement for the hood during in-flight instrument training.

#### LIGHT COMBAT HELICOPTER (FAST DEPLOYMENT)

The purpose of this test was to comparatively evaluate the mission performance of the OH-58C and OH-6A in a Light Combat Helicopter (Fast Deployment) (LCH-FD) mission environment. The evaluation provided information concerning airframe, mission equipment, personnel qualifications and training, task analysis, tactics, human factors, and mission planning for combat/materiel/training developments applications.

#### NICAD BATTERY CHARGER/ANALYZER, AN/USM-432

The purpose of this test was to assess the operational suitability and military utility of the nickel-cadmium battery charger/analyzer (NBCA), AN/USM-432, in shop and field environments. Results of testing were provided to be used as a basis for type classification and procurement decisions.

#### XM33 AND XM33 VARIABLE THICKNESS LENS PROTECTIVE MASKS

The purpose was to provide data and associated analysis on the operational suitability of the XM33 and XM33 VTL Protective Masks as a replacement for the M-24 Protective Mask. The data were to be used to assist in making production decisions.

#### TRIAL/MACE II

The purpose of this test was classified.

#### AVIATOR NIGHT VISION IMAGING SYSTEM (ANVIS)

The purpose was to assess the operational effectiveness and suitability of the Aviator Night Vision Imaging System (ANVIS) as a pilot flight aid at night and during periods of reduced visibility. Results of testing were to be used to assist in type classification and production decisions.

#### SIMULATED AIR-TO-AIR MISSILE (STINGER) CONCEPT EVALUATION PROGRAM

The purpose of the test was to assess the potential of a simulated air-to-air missile system (SAAMS) with infrared (IR) seeker when employed on a helicopter operating within typical terrain flight environments to acquire, lock on, and maintain track on a selected target for a sufficient time to achieve a theoretical missile impact against a simulated threat helicopter target operating in a similar environment.

#### NIGHT HAWK/NIGHT VISION GOGGLE WEATHER MINIMUMS TEST

The purpose was to provide data and associated analysis to assess the weather minimums required for safe and effective night hawk/night vision goggle (NH/NVG) training.

#### SPECIAL STUDY OF THE AN/APN-209A(V) RADAR ALTIMETER

The purpose of this test was to examine the military utility of the AN/APN-209A(V) Radar Altimeter when used in a tactical environment in the OH-58C aircraft. This study was part of a continuing effort to assess the USAAVRADA modification of the AN/APN-209A(V) as part of their fix-it program.

#### MILES-AGES/AD

The purpose of the test was to evaluate the training utility of MILES-AGES/AD for Stinger, Chaparral, and Vulcan air defense weapons, and aircraft weapons systems on OH-58, AH-1, and UH-1 helicopters. The results of this test were to be used to support the MILES-AGES/AD DEVA IPR.

#### AN/ASN-43B HEADING REFERENCE SYSTEM (HRS)

The purpose of this test was to assess any navigational accuracy improvement in the AN/ASN-128 LDNS when using the AN/ASN-43B HRS as compared to the basic AN/ASN-43 HRS.

#### UH-60 FLIGHT SIMULATOR, PHASE I

The purpose of this test was to evaluate the military utility, operational suitability, and teaching effectiveness of the UH-60FS.

#### OH-58C FLATPLATE CANOPY (FPC)

This was a special study initiated to provide background information regarding the flatplate canopy (FPC) as it applied to the OH-58C.

#### 20MM SABOT TEST (PHASE I)

The purpose of this test was to evaluate the effectiveness of a Sabot round for the 20mm M-197 cannon on the AH-1S.

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Planning phase was completed on the following tests in CY 81. Execution and report phases are scheduled for CY 82.

#### LASER DETECTION SYSTEM

The purpose of this test is to assess the operational effectiveness of the AN/AVR-2 Laser Detector System.

#### OXYGEN SYSTEM

The purpose of this test is to assess the operational capability of the helicopter oxygen system.

#### SELF-PROPELLED ELEVATED MAINTENANCE STAND (SPEMS)

The purpose is to assess the operational effectiveness of the Self-Propelled Elevated Maintenance Stand (SPEMS)

#### TRANSPORTABLE HELICOPTER ENCLOSURE

The purpose of this test is to assess the Transportable Helicopter Enclosure for compatibility with existing and future aircraft.

#### 30MM CANNON

The purpose is to evaluate installation and interface of the 30mm chain gun with the AH-1H (FM).

#### CARGO HOOK, AH-1

The purpose of this test is to evaluate the possibility of using AH-1S in deployment of FARPS.

#### PILOT NIGHT VISION SYSTEM (PNVS)

The purpose of this test is to evaluate the training requirements for the AH-64 pilots' night vision system.

HELLFIRE

The purpose of the test is to evaluate the HELLFIRE training requirement for the AH-64 missile system.

TRIAL/MACE III

This test is a continuation of Trial Mace II.

SAUDI ARABIAN LAND FORCES (SALF)

The purpose of this test is to conduct operational suitability test flights of observation, utility, attack, and cargo helicopters to provide information for SALF to make a purchase decision.

SELF-DEPLOYABLE PACKAGE FOR AH-1S

The purpose of this test is to evaluate the feasibility of external wing store tanks for the AH-1S to allow self-deployment.

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Tests have been conducted/assistance provided throughout CONUS and in Germany, England, and Kenya. In addition, a special study was conducted for Saudi Arabian aviation.

Ten Outstanding Performance Ratings, one Sustained Superior Performance Award, and one Certificate of Achievement were awarded to civilian personnel while one Legion of Merit, four Meritorious Service Medals, and nine Army Commendation Medals were awarded to military personnel. Additionally, 5 Meritorious Service Medals, 49 Army Commendation Medals, and 31 DA Certificates of Achievement were awarded personnel who participated in the Light Combat Helicopter test. The Aviation Board experienced a 100 percent reenlistment rate on first termers, a 150 percent rate for midtermers, and a 150 percent rate for career soldiers. Approximately 122 Aviation Board personnel spent 5,688 days TDY supporting tests. The Aviation Board spent 211,492 man-hours supporting tests during 1981. Also, two Aviation Board Test Project Officers rescued a downed F-4 pilot in the Gulf of Mexico.

# TRADOC SYSTEMS MANAGERS 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 facilities 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. Additional manpower in the form of two majors (O-4) and one captain (O-3) is provided for in an augmentation approved by the Commander, USAAVNC.

## KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL David L. Funk	TSM-Attack Helicopters	9 Jan 81-Present
LTC William P. Leach	Asst TSM (Training)	Entire Year
MAJ Jack A. Mitteer	Asst TSM (Personnel)	15 Jun 81-Present
MAJ Kenneth L. Landon	Asst TSM (Cobra)	3 Feb 81-Present
MAJ Michael L. Brittingham	Asst TSM (Test & Evaluation)	Entire Year
MAJ Troy J. Roop	Asst TSM (Logistics)	Entire Year
CPT Michael L. Minich	Asst TSM (Cobra)	15 Jun 81-Present
Mrs. Shirley M. Ray	Secretary (Steno), GS-5	Entire Year

## ACCOMPLISHMENTS:

During 1981, TSM-A initiated many activities which were intended to enhance the awareness of attack helicopter personnel to on-going actions within their trade. Among these actions were a quarterly Attack Helicopter Bulletin which is sent to all attack units worldwide. Feedback from this program has been great. TSM-A sponsors a Beehive held at Fort Rucker, AL, for all individuals associated with attack helicopter programs. The Beehive provides the forum whereby items of interest are discussed and acted upon by members of the community.

Other major initiatives included:

- a. Participation in the AH-64 Cost and Operational Effectiveness Analysis Study Advisory Group.

- b. Coordinated the placement of all Developmental Test Training Detachment personnel to insure they were utilized at the locations where their skills could be best used by the Army.
- c. Prepared and coordinated the AH-64 Fielding Plan.
- d. Presented the TRADOC position during the AH-64 Army Systems Acquisition Review Council (ASARC).

During the year, a major accomplishment was participation in the AH-64 Operational Test II (OT II) and hosting the COBRA 2000 conference. The OT II was conducted at Fort Hunter-Liggett, CA, during 1 Jun-31 Aug 81. However, the TSM-A preliminary preparations began in Jan 81 with IPR's, forming the TRADOC staff, and developing analysis plans. The OT II was a tremendous success proving beyond any doubt the combat effectiveness of the AH-64. The COBRA 2000 conference was initiated to discuss and implement changes and improvements to be made in the Cobra to insure its combat effectiveness into the next century. The conference had representatives from commands worldwide.

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 and will be placed with the next year goals.

# TRADOC SYSTEMS MANAGERS SCOUT HELICOPTERS



## MISSION:

Conducts total system management for all scout helicopters (AHIP, ASH, OH-58, OH-6, 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 Aviation Research and Development Command (USAAVRADCOM) 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 Equipment Performance Reports (EPR) and subsequent proposals for changes to scout helicopter systems and their relative priorities.

Insuring that all engineering change proposals (ECP) and other vendor or materiel developer tradeoff 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), which include In Process Reviews (IPR), Army Systems Acquisition Review Council (ASARC), and Defense Systems Acquisition Review Council (DSARC).

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 (US Army Materiel Development and Readiness Command) 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 (SPA), 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.

Development of input to the TRADOC Program Analysis Resource Review (TPARR).

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.

Insuring that reports on the progress of the AHIP are provided as required by the charter, and notifying the Commander, US Army Aviation Center, and the Commander, TRADOC, when it appears that any approved program threshold has been or is forecast to be breached.

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 Reginald A. Neuwien, Jr.	AHIP Coordinator	19 Feb 80 - Present
MAJ Earl G. Fossum II	Assistant TSM, Training/Personnel	12 Sep 79 - Present
MAJ Arthur L. Pope	Assistant TSM, Doctrine, Tactics and Testing	31 Jul 80 - Present
MAJ Thomas E. Konkle	Assistant TSM, Logistics	13 Apr 81 - Present
Mrs. Betty J. Garbarini	Secretary-Stenographer	15 Oct 78 - Present

ACCOMPLISHMENTS:

Developed and staffed the Required Operational Capability (ROC) for the Army Helicopter Improvement Program (AHIP) during 1980, which led to Department of the Army approval on 9 Jan 81.

Hosted and participated in the AHIP Study Advisory Group (SAG) III meeting which approved the AHIP Cost and Operational Effectiveness Analysis (COEA).

Coordinated the OH-58C type classification in process review (IPR) which resulted in type classifying the OH-58C.

Participated in the AHIP Source Selection Evaluation Board (SSEB) which resulted in Bell Helicopter Textron being awarded the Full Scale Engineering Development (FSED) contract for the AHIP aeroscout.

Coordinated the effort leading to the development of the AHIP Manpower Analysis Paper (MAP).

Initiated the Training Device Need Statement for the AHIP aeroscout combat mission simulator.

Initiated a task analysis for the AHIP aeroscout to be conducted by the Army Research Institute detailing the tasks and training requirements of the scout crew.

Observed portions of the Advanced Attack Helicopter Operational Test II.

Initiated a review of training helicopter requirements to determine the future of the TH-55 helicopter fleet.

Co-hosted Scout/Observation Helicopter Joint Working Group which developed a unified user position on priorities for improvement and modification of the current scout/observation helicopter fleet.

Established and chaired the AHIP TRADOC Integrated Logistic Support Management Team.

Initiated and coordinated operational issues for the AHIP Operational Test II.

Developed the Operational Concept for use of the Airborne Target Hand Off System in the AHIP aeroscout.

Observed portions of Electronic Warfare/Close Air Support (EW/CAS) testing at Nellis Air Force Base, Nevada.

Visited numerous TRADOC and US Army Forces Command (FORSCOM) installations to brief the command and staff groups on the AHIP aeroscout program.

# TRADOC SYSTEMS MANAGERS UTILITY HELICOPTER

## 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 and 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 that reports on the Utility Helicopter 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 for 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 Retsae H. Miller	ASST TSM (PERS)	Dep - 30 Jun 81
LTC William F. Tiller	ASST TSM (PERS)	Arr - 14 Sep 81
MAJ Billy V. Genter	ASST TSM (TNG)	Dep - 15 Oct 81
MAJ K. A. Rhodehamel	ASST TSM (TNG)	Arr - 30 Oct 81
MAJ Elton T. Gordon, Jr.	ASST TSM (LOG)	Entire Year
MRS. Pamela L. Driver	SECY/STENO	Entire Year

ACCOMPLISHMENTS:

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

Participated in Self-Deployability Study Group actions pertaining to the Black Hawk.

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

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

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

The Black Hawk has just completed third year production (225 fielded).

Participated in Black Hawk improvement programs.

Participated in Medical Evacuation Kit development and testing meetings.

# TRADOC SYSTEMS MANAGERS HELLFIRE/MLM



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 (TRADOC), discharges the user's responsibilities in the development, testing, training, and in coordination with the gaining commands, fielding of the HELLFIRE system. 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 Acquisitions Review Councils (ASARC/DSARC) for the HELLFIRE/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.

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	1 Jul 81 to Present
LTC David A. Lum	Asst TSM for Logistics and Training	Entire Year
MAJ John Michael Stacy	Asst TSM for Research Development, Test and Evaluation	Entire Year
CW2 Charles Knupp	Research, Development Test and Evaluation Specialist	9 Jan 81 to Present
MRS. Peggy Ann T. Lewis	Secretary (Steno), GS-5	Entire Year

ACCOMPLISHMENTS:

During 1981 the main thrust of TSM-H/MLM 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. Prepared and presented MLMS user briefings to senior commanders and staff officers at US Army Materiel Development and Readiness Command (DARCOM), TRADOC, and Department of the Army convincing those agencies of a need for an aerial self protect missile system, Jan-Dec 81.

Prepared and presented HELLFIRE Fire and Forget Seeker Army Systems Acquisition Review Council (ASARC) II briefings at Department of the Army, DARCOM, and TRADOC. The program was terminated on 10 Feb 81 due to an increase in cost, lack of integration with the AH-64, and future technology.

Established TRADOC's coordinated position for a requirement for an anti-icing capability for the HELLFIRE missiles, allowing the missile to operate under the identical cold environment as the aircraft, Feb 81. Also, coordinated the effort of a joint working group to determine the user requirement for a reduced smoke motor for the HELLFIRE missile. Established TRADOC's coordinated position that the minimum smoke motor should be integrated into the earliest production year with a target date for invitation in the third production year, May-Aug 81.

Redirected the HELLFIRE Project Manager's (PM) efforts to develop an effective and efficient container, incorporating user requirements. Previous container designs were too heavy, bulky, and did not meet the specifications, nor satisfy the user's requirement, Mar 81.

Provided the initiative for keeping the MLMS program in the forefront of Army thinking and planning. Conceived and initiated a plan for the evaluation of an air-to-air missile in a tactical nap-of-the-earth environment. Orchestrated and coordinated the efforts of the US Army Aviation Board, US Army Aviation Center Directorate of Combat Developments and participating TSM offices as well as other centers and senior headquarters during test planning phase. Validated MLMS requirements and insured compatibility with user requirements for contractual actions taken by the developer. Prepared and presented a briefing on the test concept evaluation plan to Gen Otis, TRADOC Commander, Jun-Dec 81.

Participated in and contributed to the successful completion of the AH-64/HELLFIRE Operational Test (OT) activities conducted at Fort Hunter-Liggett, California. Test objective was to insure system integration of the HELLFIRE system with the AH-64. During the live fire portion, 12 practice missiles (inert warhead) were fired achieving 100 percent in both accuracy and reliability, Jun-Aug 81.

Initiated and completed a review and analysis of the HELLFIRE Materiel Need (MN) in preparation for the ASARC and Defense Acquisition Review Council (DSARC) III, Aug-Nov 81. Participated in the preparation of decision briefings for presentation at the AH-64/HELLFIRE ASARC III, Sept-Nov 81. On 19 Nov 81, at the AH-64/HELLFIRE ASARC III, the HELLFIRE Modular Missile System was type classified Standard indicating that the system was ready for production.

# 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 of 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, Administrative Boards Branch and Administrative Branch.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC James F. Price	Staff Judge Advocate	Jul 80 - Entire Year
MAJ James J. Murphy	Deputy Staff Judge Advocate	May 81 - Present
WO1 Charles R. Poulton	Legal Admin Technician	Sep 81 - Present
CPT Dan A. Payne	Claims Judge Advocate	Dec 81 - Present
CPT Henry R. Richmond	Chief, Military Justice	Entire Year
CPT Andrew Lopez	Chief, Admin Law	Jul 79 - Entire Year
CPT Vivian A. Davis	Chief, Legal Assistance	Dec 81 - Present
SFC John W. Doriety	NCOIC, Admin Section	Jul 78 - Entire Year

## ACCOMPLISHMENTS:

a. The Federal Magistrate Court system in operation at Fort Rucker was expanded during the year to have three court sessions per month. A total of 1,518 cases were heard at the thirty sessions held during the year, an average of approximately fifty cases per session. Procedures were also implemented to assure that military personnel cannot PCS without paying fines imposed by the U.S. Magistrate.

b. The Military Justice Branch tried seventeen General, ten Special, and twenty-four Summary Courts-Martial during CY 81.

c. In April 1981, this office became the proponent of a revised Youth Assistance Program designed to function as a means for Fort Rucker to resolve juvenile problems in an effective manner without attaching a criminal record to the juvenile. During the year, a total of sixty-six cases were adjudicated. The program appears to be operating successfully at present.

d. Consistent with the Commander's policies, greater emphasis was placed on service to the soldier. This was accomplished by increasing claims appointments and legal assistance appointments. Use of a special "mobilization packet" containing an individual's Last Will and Testament or location thereof, and an unexecuted General and Special Power of Attorney was implemented for all MTOE unit personnel to expedite their out processing during actual or practice maneuvers. During the year, a total of 1,931 household goods claimants were seen and \$861,206.39 was paid for claims. Approximately 3,800 legal assistance clients were interviewed during the year and a total of 2,366 wills were prepared for clients. The Legal Assistance Branch also prepared approximately 3,300 other legal documents (e.g., Powers of Attorney, Bills of Sale) for servicemembers, dependents, and retirees.

e. The third party recovery (recovery from carriers) for CY 81 amounted to \$25,969.00 for local recovery and \$193,511.00 from files forwarded to the US Army Claims Service. This represents a recovery rate of 32% which is substantially above the Army-wide average of 23%.

f. The third party medical care recovery for CY 81 was \$45,664.00. This was an increase over CY 80 of \$13,872.00.

g. A Legal Administrative Technician 713A position was established and filled.

# PUBLIC AFFAIRS OFFICE



## MISSION:

Provides public information, 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, U.S. Army Recruiting Command personnel, tenant activities and personnel within the geographic area of responsibility.

## ORGANIZATION:

The Public Affairs Office consists of four elements. Public Information writes and distributes all print and electronic news releases, while also handling the hometown news release program. Community Relations is responsible for the coordination of tours of the installation by outside groups, providing speakers for various civic and local community organizations, coordinating appearances of the 98th Army Band within the geographical area of responsibility and the coordination of all installation assets for ceremonies or events held outside Fort Rucker. Command Information is responsible for the post newspaper, "The Army Flier," and the closed circuit post radio station, WAVN. The administration element handles the administrative requirements for this special staff activity.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Ronald L. Roux	Pub Aff Off	Entire Year
DAC Herbert C. Strickland	Dep Pub Aff Off	Entire Year
MSG(P) Richard S. Scena	Pub Aff Supv	Jan 81 - Mar 81
SP5 Phillip H. Tegtmeier	Pub Aff Supv	Apr 81 - Jun 81
MSG Richard W. Beacham	Pub Aff Supv	Jul 81 - Present
DAC Marjorie V. Cobb	Pub Info Supv	Entire Year

## ACCOMPLISHMENTS:

A high level of media interest and coverage was achieved by visiting guest speakers at Fort Rucker. Among these distinguished guest speakers were: COL Leland Holland, former Iranian hostage; Senator Jeremiah A. Denton, Jr.; Honorable John O. Marsh, Jr., Secretary of the Army; and Mr.-Norman R. Augustine, President, Association of the United States Army.

Extensive news coverage was provided for the Fort Rucker 49er Party, Federal Women's Week, American Heritage Week, Fire Prevention Week, Army Emergency Relief Fund Drive, Aviation Museum Fund Drive, Combined Federal Campaign Fund Drive, Operation Santa Claus, the Officers' and Noncommissioned Officers' Wives Clubs Christmas Bazaar, and the soldier/noncommissioned officer of the month/year. An extensive publicity campaign was developed and executed in support of the initial enrollment process for the Defense Enrollment Eligibility Reporting System.

Other significant stories covered throughout the year were CW4 Mike Novosel's 40th anniversary of military service, Egyptian aviator training, 100th female and 50,000th male to graduate from Initial Entry Rotary Wing (IERW) Training Course, Army Fly-Offs, 2LT Dana Maller, first female West Point graduate from IERW, selection of Mr. G. Marvin Lewis, Jr. to the 46th Joint Civilian Orientation Conference, deployment of elements of the 416th Transportation Company and 427th Medical Company on "Reforger 81," air traffic controller augmentation to selected civilian airport facilities, Tactical Training Exercise and the Yorktown Celebration. Fort Rucker achieved coverage throughout the southeastern United States with "PM Magazine's" segment on the Army Fly-Offs held here. National level news media coverage was provided the 11 members of the U.S. Team (from Fort Rucker) in the third World Helicopter Championship Fly-Offs held in Poland during August and the Army augmentation of air traffic controllers during the recent strike.

A total of 818 printed news releases with photographs was distributed to over 40 local, area and regional news media.

Ten electronic (radio and television) production releases were distributed to an average of 12 civilian electronic media outlets. Department of the Army military and civilian personnel made 16 appearances on WDHN and WTVY television stations in support of various community projects.

In November a daily five minute radio program entitled "Moments of Discovery" was launched by the Public Affairs Office and the Office of the Center Chaplain. This program has been well-received and aired daily by WTVY and WKMX radio stations.

Aircraft static displays appeared in 11 locations within the local communities. Fort Rucker Sports Parachute Club conducted 34 demonstration jumps within the area of geographic responsibility.

The 98th Army Band appeared in 19 communities in Alabama, Florida and Mississippi in support of Army personnel procurement and visibility to support the Total Army Concept.

Thirty-nine tours were organized and conducted by the Public Affairs Office. Personnel who participated in these tours included grammar/high school students, Boy Scouts, educators from high schools and colleges, senior citizens, junior/senior Reserve Officers' Training Corps cadets, and civilians with an interest in the Army and the Army Aviation Program. Tours included over 1,450 participants from Alabama, Georgia, Florida, Mississippi, Tennessee, and Maryland.

SHORTCOMINGS:

The radio/television position was vacant for a period of seven months which decreased the number of electronic releases produced.

# INSPECTOR GENERAL



## MISSION:

Inquires 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 Engle W. Scott	Inspector General	1 Jan 81 - 31 May 81
LTC Joel H. Hinson	Inspector General	30 Jul 81 - Present
MAJ John R. Wehr	Chief, Inspections Branch	Entire Year
MAJ John E. Horn	Chief, Inspector General Action Request Branch	1 Jan 81 - 31 Jan 81
MAJ Robert D. Enyeart	Chief, Inspector General Action Request Branch	1 Feb 81 - Present

## 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 1981 the Office of the Inspector General conducted inspections of the following units/activities:

- Directorate of Personnel and Community Activities
- Provost Marshal
- Directorate of Industrial Operations
- Training and Doctrine Command Systems Manager, Utility Helicopter
- Training and Doctrine Command Systems Manager, Attack Helicopter
- Training and Doctrine Command Systems Manager, HELLFIRE Multipurpose Lightweight Missile
- Training and Doctrine Command Systems Manager, Scout Helicopter
- Secretary General Staff
- Special Assistant to the Commanding General and Deputy Administrator for Consent Decree
- Public Affairs Office
- Directorate of Reserve Components
- United States Army Aviation Board
- Directorate of Training and Doctrine
- Installation Security, Plans and Operations Office
- Nonappropriated Funds Central Accounting Branch, Directorate of Resource Management
- Fort Rucker Sport Parachute Club
- Seventeen company-sized units

Five hundred and twenty-five Inspector General Action Requests were completed by personnel by the Inspector General Office. Additionally, one formal and five informal inquiries were completed during the year.

The ability of the Inspector General Office to conduct logistics inspections was enhanced by the authorization and fill of a Supply Inspector, NCO position, during 1981.

# OFFICE OF CIVILIAN PERSONNEL



## MISSION:

Responsible for accomplishing the Civilian Personnel Management Program, with 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 Develop- ment 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 1981, 84 employees retired from Civil Service, 19 retired on disability, 65 were optional retirements.

The civilian strength at the beginning of the year was 2244 General Schedule (GS) and 636 Wage Grade (WG) employees for a total of 2880. There were 2273 GS and 650 WG employees at Fort Rucker at the end of 1981 for a total of 2923. During 1981, 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.

The Position and Pay Management Branch received a laudatory comment during the FY 81 TRADOC General Inspection in the area of Position Management Studies. As a result, the Chief, P & PM conducted a workshop on position management studies at the TRADOC Position Management Seminar conducted by TRADOC Headquarters. The P & PM Chief received a letter of appreciation from Brigadier General Walter C. Cousland for this activity. Because of the same laudatory comment, the local Chief of Staff appeared on the TRADOC Commander's Video Conference to discuss Fort Rucker's position management approach. Although the actual TRADOC IG laudatory was given prior to Calendar Year 1981, the other activities and recognition resulting from it took place during CY 1981.

A full-scale Locality Wage Survey was conducted under the guidance of the Department of Defense Wage Fixing Authority during 1981. Data collectors to represent management and labor visited local industries to obtain wage data from which DODWFA 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 4.8%.

The U.S. Army Aviation Center, Office of Civilian Personnel, has been delegated authority from the Office of Personnel Management (OPM) to recruit, examine and issue referrals for positions formerly filled under the Professional Administrative Careers Examination and for Mid-Level positions.

The Office of Civilian Personnel, Recruitment and Placement Branch, has responsibility for recruiting, examining and issuing referrals under these delegations. An Examining Unit has been established in order to streamline and more effectively utilize the delegated authorities. Establishment of the Examining Unit has centralized the responsibility and use of the delegated authorities and has created a more effective and efficient recruiting and examining process.

The Special Inspection of Civilian Personnel Management, conducted 26-30 October 1981 by OPM, Department of the Army (DA) and the Training and Doctrine Command was the result of a previous inspection by the local OPM area office. That inspection indicated the need for an in-depth inspection with major emphasis placed on the Recruitment and Placement Branch. The team of eight inspectors reviewed all program areas within the Office of Civilian Personnel in October. The conclusion was that the civilian personnel program at Fort Rucker is a well run program with good leadership by the Civilian Personnel Officer and excellent support by the Commander. All program areas meet Department and Office of Personnel Management requirements with some improvements needed in the Recruitment and Placement function.

An inspection team consisting of four inspectors closely reviewed and completed a sample audit covering over 2,000 personnel actions. The results of that inspection revealed that the Recruitment and Placement Branch had a five percent error rate which is two percent better than the DA average of seven percent.

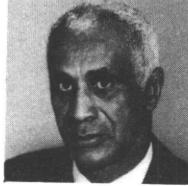
The inspection revealed that the Recruitment and Placement Branch is operating well within the perimeters established by DA and that actions are being handled and processed in accordance with applicable laws, rules, regulations and policies.

#### SHORTCOMINGS:

The Merit Placement Plan has been under negotiations for the past year but has not yet been finalized. Efforts have been made to negotiate with the American Federation of Government Employees and the Wiregrass Metal Trades Council on a new procedure that would substantially reduce the time involved in candidate evaluation. A proposal was submitted to both unions in May 1981 requiring the submission of a modified version of the SF-171 when applicants applied under Job Opportunity Announcements (JOA's). This proposal, if accepted, would have eliminated the use of the Official Personnel Folder as the primary document used for candidate evaluation under JOA's.

Since the union has disagreed with the proposal and has failed to provide other viable alternatives, the length, time-consuming process of evaluating candidates remains virtually the same.

# EQUAL EMPLOYMENT OPPORTUNITY



## MISSION:

Responsible for accomplishing the Equal Employment Opportunity Program with the authority from the Commander. To insure that a positive program, as specified in Equal Employment Opportunity Act of 1972 (Public Law 92-261), is achieved. Additionally, to assure the requirements of the Matthews/Huntington Consent Decree are accomplished.

## ORGANIZATION:

Equal Employment Opportunity consists of one Equal Employment Opportunity Officer, (GS-12), one Equal Employment Specialist, (GS-11), four Equal Employment Specialist, (GS-09), one Equal Employment Opportunity Data Clerk (Typing), (GS-04), and one Secretary (Typing), (GS-04).

### KEY PERSONNEL

### POSITION

### ARRIVAL/DEPARTURE DATES

Mr. Milton P. Crenshaw  
Mr. Juan Vela  
Mrs. Rita M. Stockman

EE00  
DEE00  
FWPM

Entire year  
28 May 81/11 Sep 81  
1 Jan 81/ 7 Aug 81

## ACCOMPLISHMENTS:

The EEO Office monitored and assisted on Consent Decree matters.

The work force profile at Fort Rucker changed significantly as a result of the application of the Consent Decree mandates.

The black representation in the permanent General Schedule work force increased from 241 (11%) to 280 (12.8%).

The black representation in the permanent Wage Grade work force increased from 20.5% to 23.7%.

The black representation in the permanent General Schedule 5 and above work force increased from 78 to 124 (8%). Additionally, 15 black Department of the Army Interns increased the end percentage to 9.

The black representation in the permanent Wage Grade 5 and above work force increased from 17.3% to 20.9%.

The black civilian strength in all categories increased to 548 (17.5%) as of 31 December 1981.

## SHORTCOMINGS:

Thirty-eight blacks left the work force in CY 81.

# 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, and 8 Command Chaplains, together with 12 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	30 July 81 to Present
Ch (COL) Howard Easley	Center Chaplain	Dep - 30 November 81
Ch (LTC) Edward Flippen	Pastoral Coordinator	Dep - 20 November 81
Ch (LTC) George Hattle	Family Life Cen Ch	Entire Year
Ch (MAJ) Clyde Northrop	Family Life Cen Ch	Dep - 20 April 81
Ch (MAJ) Pat Adkins	Catholic Chaplain	Entire Year
Ch (MAJ) Edison Burleson	HQ PL Chapel Pastor	29 January 81 to Present
Ch (MAJ) Wayne Lehrer	Pastoral Coordinator	Entire Year
Ch (CPT) David McLean	Chapel/Flags Pastor	Entire Year
Ch (CPT) Willard Richardson	6th BN Chaplain	Entire Year
Ch (CPT) Bruce Rux	4th BN Chaplain	Entire Year
Ch (CPT) Jonathan Grant	1st BN Chaplain	Entire Year
Ch (CPT) Daniel Musgrave	46th Engineer BN Ch	Entire Year
Ch (CPT) Thomas Killeen	46th Engineer BN Ch	Dep - 30 September 81
Ch (MAJ) Kenneth Davis	DOAT Instructor	Entire Year
SFC Atticus Register	Chapel Administrator	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
Ch (CPT) Froilan Saluta	Asst BDE Ch	Arr - 25 November 1981

## ACCOMPLISHMENTS:

Established a program of weekly prayer breakfasts for the entire installation with an average attendance of 34 persons per week.

Conducted the Martin Luther King Memorial on 15 January 1981 with a prayer breakfast by assigned personnel, and memorial service at 1130 hours with post personnel leading the service. More than 350 attended the events.

Conducted the National Prayer Breakfast on 5 February 1981 with more than 350 in attendance. The speaker was the TRADOC Staff Chaplain, Ch (COL) Max Wilk.

Conducted a weekly Lenten Prayer Luncheon for installation personnel during the six weeks of Lent (February-April 1981) for 15-25 persons per week.

Conducted the Dobson Film Series for 4 nights during January-February 1981 for more than 200 people each night.

Conducted a Good Friday Prayer Breakfast with an Easter Play at the Officers' Club on Good Friday, 17 April 1981, 0900 hours, for more than 300 personnel.

Conducted an Easter Sunrise Service at the Beach, Lake Tholocco, 0630 hours, Easter Sunday, 19 April 1981, with Dr. Fred Craddock preaching. The service was attended by more than 450 persons.

Conducted a weekly Family Mass in the Gymnasium of the Elementary School with an average of 550 persons per week attending. Highlight of the year for this event was the Celebration of Confirmation on 1 May 1981 by the Archbishop of Mobile, Oscar Lipscomb. Equally important was the celebration of the Feast of Christ the King on 22 November 1981 led by Chaplain (BG) Patrick Hessian, the Deputy Chief of U.S. Army Chaplains.

Conducted weekly Catholic Religious Education for children with an average enrollment of over 600 and 526 as average attendance.

Conducted a Vacation Bible School and Catholic Church School 1-18 June 1981 with more than 700 children attending.

Conducted a week long workshop/training seminar for assigned personnel, 18-24 October 1981 under the direction of Dr. and Mrs. Norman Becker of Tacoma, Washington, which resulted in Masters Degree level certification for all qualified members of the section.

Conducted a Children's Crusade during the week of 25 October 1981 with more than 250 children attending each night.

Presented a Reformation Festival on 1 November 1981 for the Lutherans of the Wiregrass area with the Rev. Dr. Richard Meyer, Bishop for the Lutheran Church's Southern District as special guest. More than 150 persons attended.

Established a regular monthly Spanish Mass which reached culmination on the "Feast of Our Lady of Guadalupe" on 12 December 1981. That celebration included a religious procession, Spanish Mass, and dinner, complete with costuming.

Conducted a Christmas Cantata at the Post Theater on 13 December 1981 in connection with the 98th U.S. Army Band with more than 800 persons attending. A reception was held in the Recreation Center immediately after the concert.

Presented a Christmas Dinner Theater at the Officers' Club on 17 December 1981 for more than 300 persons. A cast of nearly 100 was involved in the presentation.

Established a detailed mobilization plan and completed liaison with major Reserve Component Commands for implementation of Reserve Component Chaplain portion of the mobilization plan. Completed first phase of training of section personnel, i.e., training of initial mobilization tasks.

Established a program of monthly staff training utilizing both post and section assets to train in areas of Chaplain interest. Areas covered included counseling, child abuse intervention, preaching, and drug and alcohol treatment.

Conducted 3 retreats for children of the Catholic Community with more than 50 children attending each retreat.

Conducted 3 Systematic Training for Effective Parenting classes for 16 persons each.

Relocated the Family Life Center from Building #5701 to Building #8914.

Conducted ongoing Adult Bible Study Program involving more than a dozen teachers in 15 different classes and more than 250 attending.

SHORTCOMINGS:

The established Sunday School enrollment/attendance goal for 1981, "501 in 81" was not reached, although significant manpower and publicity was devoted to that goal. The highest level attendance attained was 440. Highest enrollment was 650.

The goal of 25 retreats in 1981 was not reached, although 18 retreats were conducted by various agencies of the section. Most retreats designated for soldiers were not filled if they were longer than a single day in duration.

The Reserve Component Chaplain Funeral Program, which attempted to utilize Reserve Component Chaplains in the Funerals assigned to the post was initiated but not implemented prior to 31 December 1981. The program is on schedule and due to be implemented in early 1982.

The Fort Rucker Retreat Center was designated as an approved building project for 1982, but was not operational by 31 December 1981.

# 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 action 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 coordinating the duties of the Field Officer of the Day, Staff Duty Officer and Staff Duty Non-Commissioned Officer.

## ORGANIZATION:

The Secretary General Staff (SGS) is organized into four divisions/sections:

- Secretary General Staff
- Command Pilot
- Protocol Division
- Administrative Division

## KEY PERSONNEL:

The following military personnel assignments were made during 1981:

<u>Personnel</u>	<u>Position</u>	<u>Arrival/Departure Date</u>
MAJ (P) Dale B. McGarry	Secretary General Staff	Entire Year
CPT Daniel T. Frank	Chief of Protocol	Dep - 28 Feb 81
CPT Richard A. Elliott	Chief of Protocol	28 Feb 81 - Present
SSG Johnny P. Jones	SGS Administration	Entire Year
SFC Wayne Closson	Headquarters Commandant	Entire Year

## ACCOMPLISHMENTS:

The following visitors were extended support and assistance during calendar year 1981:

### January

- 6-8 - LTC Marrone - Italian Liaison Officer, Fort Knox, KY
- 13-14 - BG Cousland - Deputy Chief of Staff for Personnel, Administration & Logistics, Training and Doctrine Command, Fort Monroe, VA

- 13-15 - Mr. Williams - General Services Administration, Director of Facilities Engineering, Fort Polk, LA
- 15-16 - MG Palastra - Commanding General, 5th Infantry Division (Mechanized) and Fort Polk, Fort Polk, LA
- 18-21 - Ms. Scarborough - U.S. Army Civilian Appellate Review Office, Atlanta, GA
- 19 - Mr. Mandell - Attorney for Consent Decree
- 20 - BG Trobaugh - Deputy Commanding General, U.S. Army Infantry School, Fort Benning, GA
- 20-21 - COL Andreson - Project Manager, UH60, St. Louis, MO
- 20-23 - Ms. Edward - Federal Women's Project Manager, Training and Doctrine Command, Fort Monroe, VA
- 22 - COL Harris - Chief of Staff, U.S. Army Infantry Center, Fort Benning, GA
- 29-30 - MG Sullivan - Chief, Public Affairs, Office of the Secretary of the Army, Wash., D.C.

## February

- 2-6 - COL Morgan - Chief, Warrant Officer Branch, MILPERCEN, Department of the Army, Wash., D.C.
- 4-6 - CHAP (COL) Wilk - Training and Doctrine Command Chaplain, Fort Monroe, VA
- 5-6 - Mr. Hansen - Director, Clothing Equipment and Materiel Engineer Lab, Natick Research and Development Command, Natick, MA
- 6-9 - COL Kichler - Dermatology Consultant, U.S. Army Reserve, Mobile, AL
- 9-10 - MG Cannel - Commanding General, French Army Aviation
- 9-11 - BG Johnson - Chief, Army Nurse Corps, Wash., D.C.
- 9-12 - Ms. Scarborough - U.S. Army Civilian Appellate Review Office, Atlanta, GA
- 9-13 - BG Rapmund, Commanding General, U.S. Army Medical Research and Development Command, Fort Detrich, MD
- 11-13 - COL Fountain - Chief, Initial Entry Training Directorate, Office of Deputy Chief of Staff for Training, Training and Doctrine Command, Fort Monroe, VA
- 12-13 - MG Schober - Commanding General, California National Guard
- 12-14 - BG Canedy - Chief of Staff, Fifth U.S. Army, Fort Sam Houston, TX
- 14-17 - BG Watts - Commander, Army Air Corps, United Kingdom Land Forces
- 18-19 - BG Sunel - Commanding General, Training Support Center, Fort Eustis, VA
- 18-19 - COL Barnum - Vice Commander, 5th Weather Squadron, Langley AFB, VA
- 18-19 - COL Gordon - U.S. Marine Corps Development and Education Command, Quantico, VA
- 19-20 - CSM Craft - Command Sergeant Major, Training and Doctrine Command, Fort Leavenworth, KS
- 23-24 - LTG Richardson - Deputy Commanding General, Training and Doctrine Command, Fort Leavenworth, KS
- 24-25 - MG (Ret) Shedd - U.S. Army Retired
- 25-26 - MG Ebert - Deputy Chief of Staff for Plans and Studies, French Army Staff
- 26-27 - LTG (Ret) Fulton - Director of Public Affairs, Association of the U.S. Army, Arlington, VA
- 26-28 - LTC Skaaneda1 - Norwegian Army Military Attache
- 26-1Mar MG Johnson - Chief of Chaplains, U.S. Army, Wash., D.C.
- 26-2Mar MG Smith - Director, Training, Office Deputy Chief of Staff for Operations, Department of the Army, Wash., D.C.
- 27 - GEN Shoemaker - Commanding General, U.S. Army Forces Command, Fort McPherson, GA
- 27-28 - BG Shaver - Commander, 205th Infantry Brigade, U.S. Army Reserve, Fort Snelling, MN

## March

- 2 - MG Rosenblum - Deputy Commanding General, XVIII Airborne Corps, Fort Bragg, NC
- 2-6 - LTC Goldtrap - Project Manager for NAVSTAR, Los Angeles, CA
- 4 - Mr. Kapps - Military Liaison Security Officer, Air Route Traffic Control Center, Kansas City, MO
- 6-8 - LTG (Ret) Trudeau - U.S. Army Retired
- 7-15 - COL White - Commander, 16th Military Police Group/Provost Marshal, Fort Bragg, NC
- 9-11 - BG Quinn - Assistant Division Commander, 9th Infantry Division, Fort Lewis, WA
- 12 - BG Maddox - Assistant Deputy Chief of Staff for Combat Developments, Training and Doctrine Command, Fort Monroe, VA
- 12 - MG Gaskill - Deputy Director, Defense Logistics Agency, Cameron Station, VA
- 15 - BG Smith - Dean, Academic Board, West Point, NY
- 16-17 - COL Bills - Chief, Plans, Programs and Analysis, MILPERCEN, Wash., D.C.
- 17-18 - MG Arter - Commanding General, U.S. Army Military District of Washington, Wash., D.C.
- 18-19 - BG Franklin - Commandant of Cadets, United States Military Academy, West Point, NY

18-19 - MG (Ret) Harrison - U.S. Army Retired  
 21-25 - Mr. Slayton - Chief, Internal Revenue, Training and Doctrine Command, Fort Monroe, VA  
 23-24 - Mr. Walker - U.S. Army Audit Agency, Southern District, Atlanta, GA  
 23-25 - Mr. Smith - Acting Project Manager for Aircraft Survivability Equipment, St. Louis, MO  
 24-25 - COL (Ret) Burnett - President, Presbyterian Church, U.S. Army Retired  
 24-9Apr MAJ Graauw - Staff Officer for Operations and Training, Light Aircraft Group, Royal Netherlands Air Force  
 26-27 - MG Brandenburg - Director of Operations, J3, U.S. Army Readiness Command, MacDill AFB, FL  
 27-28 - COL (Ret) Knight - U.S. Army Retired  
 27-29 - COL Stephenson - Director of Industrial Operations, U.S. Army Infantry School, Fort Benning, GA  
 28-29 - MG Tankersley - Office, Deputy Chief of Staff for Military Operations, Mobilization Designee, Wash., D.C.  
 29-1Apr COL Talley - U.S. Army Reserve  
 29-3Apr COL Davis - Instructor, War College, Carlisle Barracks, PA  
 31 - MG Parrish - Commander, 81st Army Reserve Command, Atlanta, GA

#### April

1 - BG Trobaugh - Deputy Commanding General, U.S. Army Infantry School, Fort Benning, GA  
 5-6 - COL Rundgren - Project Manager for Advanced Scout Helicopter, St. Louis, MO  
 5-7 - Mr. Smith - Director, Office of Personnel Policy Management, Wash., D.C.  
 5-8 - MAJ Stovel - Canadian Forces Directorate, Canada  
 5-9 - LTC Hopping - Canadian Forces Directorate, Canada  
 6-7 - COL Chase - Aviation Medical Consultant, Office of the Surgeon General, Wash., D.C.  
 6-7 - COL Browne - Project Manager, NAVCOM, Fort Leavenworth, KS  
 6-7 - COL Bridenbough - Office of the Surgeon General, Wash., D.C.  
 8-9 - BG Woerner - Deputy Commanding General, Combined Arms Training Development Activity, Fort Leavenworth, KS  
 8-9 - COL (P) Houser - Executive Officer, Deputy Chief of Staff for Operations and Plans, Wash., D.C.  
 8-10 - Mr. Darling - Director, General Safety, Canadian National Defense Headquarters, Ottawa, Canada  
 9-11 - COL (Ret) Paquette - U.S. Army Retired  
 9-11 - BG Barrett - Canadian Military Attache, Wash., D.C.  
 10-11 - COL Henderson - Director of Army Instruction, Mobile, AL  
 12-18 - MG Granger - Commanding General, Fort McClellan, AL  
 15 - COL (P) Harris - Assistant Commandant, U.S. Army Signal Center and Fort Gordon, Fort Gordon, GA  
 15-16 - COL Gordy - U.S. Army Aviation Research and Development Command, St. Louis, MO  
 15-16 - COL White - Commander, Avionics Research and Development Activity, St. Louis, MO  
 17-22 - MG (Ret) Maddox - U.S. Army Retired  
 18-22 - Dr. Craddock - Professor of Preaching, Emory University, Atlanta, GA  
 19-20 - Mr. Stanko - Chief, Army Aviation Division, National Guard Bureau, Wash., D.C.  
 20-21 - Mr. O'Neil - Chief, Air Warfare Division and Assistant Director for Resources for Army Materiel Systems Analysis Agency, Aberdeen Proving Ground, MD  
 20-21 - Mr. Hollis - Deputy Under Secretary of the Army for Operations and Research, Wash., D.C.  
 20-21 - Mr. Spring - Chief, Operations Research Division, St. Louis, MO  
 20-21 - COL Wulff - Director, Armor Aviation, Fort Knox, KY  
 21 - Dr. Fallin - Operations Research Analyst, Under Secretary of the Army's Office for Research and Developments, Wash., D.C.  
 21-22 - LTC Marrone - Italian Liaison Officer, Fort Knox, KY  
 22-23 - Ms. Hawkins - Action Officer, Army Continuing Education System, Wash., D.C.  
 22-23 - COL Wood - Director, Morale Support Directorate, Wash., D.C.  
 22-23 - COL Basta - Chief of Education and Training, Academy of Health Science, Fort Sam Houston, TX  
 22-23 - BG Joyce - Deputy, The Adjutant General, U.S. Army, The Adjutant General Center, Wash., D.C.  
 22-23 - Dr. Brandt - Civilian Doctor's visit to U.S. Army Aeromedical Center  
 23-24 - BG Brooks - Commanding General, U.S. Army Troop Support Agency, Fort Lee, VA  
 23-24 - COL (Ret) Neely - U.S. Army Retired  
 23-25 - COL Sergesketter - Director, Tactical Support Group, 75th Maneuver Area Command, Houston, TX  
 27-28 - COL Carey - Director, Joint Matters, Tactical Air Command, Headquarters, Langley AFB, VA

- 27-28 - COL Wilkins - Deputy Commander, Devices and Systems Training, Army Training and Support Center, Fort Eustis, VA
- 28-29 - MG McEnery - Chief of Staff, U.S. Army Forces Command, Fort McPherson, GA
- 28-29 - BG Anderson - Assistant Adjutant General, Tennessee Army National Guard
- 30-1May COL (Ret) Schaaf - U.S. Army Retired

### May

- 6 - GEN Starry - Commanding General, Training and Doctrine Command, Fort Monroe, VA
- 6-8 - LTG (Ret) Williams - U.S. Army Retired
- 6-8 - LTG (Ret) Tolson - U.S. Army Retired
- 6-8 - Ms. Cavanaugh - Director of Bureau of Publications and Information for Alabama
- 8-9 - BG Prince - Commander, 443rd Military Airlift Wing, Altus AFB, OK
- 8-9 - Miss Phillips - Miss Alabama
- 10-13 - COL Hilmas - Research Area V Manager, Fort Detrich, MD
- 11-13 - Mr. Foster - Executive Officer, Redstone Arsenal, AL
- 11-16 - Mr. May - EURO/NATO
- 12-13 - Ms. Crockett - Regional Administrator, Department of Labor, Atlanta, GA
- 12-13 - LTG Gregg - Deputy Chief of Staff for Logistics, U.S. Army, Wash., D.C.
- 12-13 - COL Hurley - Assistant Commandant, U.S. Army Transportation School, Fort Eustis, VA
- 13-15 - Air Commodore Maat - Flight Surgeon General, Royal Netherlands Air Force
- 14-15 - COL Bernd - Chief, Training Support, Directorate of Industrial Operations, Wash., D.C.
- 17-20 - COL Morgan - Chief, Warrant Officer Division, MILPERCEN, Wash., D.C.
- 20-21 - Mr. Rice - Army Command Safety Officer, Mobile Command, St. Hubert, Quebec, Canada
- 23-26 - Mr. Masuda - Member of Japanese Defense Agency
- 24-29 - Mrs. Burdett - Wife of LTG (Ret) Burdett
- 25-27 - LTC Torgerson - Norwegian Liaison Officer, Randolph AFB, TX
- 26-27 - MG Meloy - Director of Training, Office Deputy Chief of Staff for Operations and Plans, Wash., D.C.
- 26-27 - LTC Skaamedal - Military Attache, Norwegian Embassy, Wash., D.C.
- 26-28 - COL (Ret) MacNair - U.S. Army Retired
- 27-28 - Dr. Harris - Professor of Aeronautics and Astronautics, Massachusetts Institute of Technology
- 27-29 - COL Bergeron - Office of Directorate of Personnel Plans System, Wash., D.C.
- 28 - BG Biehusen - Commanding General, Eisenhower Medical Center, Health Services Region, Fort Gordon, GA
- 28-29 - BG Wing - Assistant Adjutant General, Wyoming U.S. Army National Guard
- 30 - BG Ingram - Commandant, Air War and Staff College, Maxwell AFB, AL

### June

- 1-2 - LTG Hardin - Deputy Commanding General for Materiel Readiness, U.S. Army Materiel Development and Readiness Command, St. Louis, MO
- 3-4 - Mr. Baird - Senior Executive Staff, House Appropriation Committee Survey Investigation Team, Wash., D.C.
- 3-4 - Mr. Brock - Member, Appropriation Committee Survey Investigation Team, Wash., D.C.
- 4-5 - MG Koehler - Commanding General, U.S. Army Test and Evaluation Command, Aberdeen Proving Ground, MD
- 5 - LTG Lunn - Deputy Commanding General, Materiel Development, U.S. Army Materiel Development and Readiness Command, Alexandria, VA
- 7-8 - Rear Admiral Deckert - Commander, Naval Air Division, German Navy, Federal Republic of Germany
- 8 - COL Lycan - Commander, Director of Engineer Topographic Laboratories, Fort Belvoir, VA
- 9-10 - MG Cleveland - Vice Commander, Air Training Command, Randolph AFB, TX
- 9-10 - MG Curry - Deputy Assistant Secretary of Defense (Public Affairs), Wash., D.C.
- 10-11 - MG Kuttas - Assistant Surgeon General, Office of the Surgeon General, U.S. Army, Wash., D.C.
- 12-13 - Dr. Hiehle - Under Secretary of Defense, Federal Republic of Germany
- 14-22 - MG (Ret) Donley - U.S. Army Retired
- 15-16 - COL Meredith - U.S. Army Training and Doctrine Command, System Manager for Generators, Fort Belvoir, VA
- 15-16 - Mr. Ledesma - Chief, Test Evaluation, Department of Defense, Wash., D.C.
- 15-16 - COL (Ret) Struthers - U.S. Army Retired
- 15-16 - Mr. Hillman - Chief, Aviation Division, U.S. Army Test and Evaluation Command, Headquarters, Aberdeen Proving Ground, MD

18-19 - MG Mickle - Commander, 167th Corps Support Command, Birmingham, AL  
 18-19 - BG Ross - Commander, 2d Support Command VII Corps, U.S. Army, Europe  
 18-19 - COL (P) Smith - Commander, Troop Command, Alabama Air National Guard  
 21-22 - COL Holland - Division Chief, Current Intelligence Branch, Assistant Chief of Staff for Intelligence, Wash., D.C.  
 22-23 - COL Pohly - Chief Plans Operations Office, Chief of Staff, Training and Doctrine Command, Fort Monroe, VA  
 25-26 - MG Koehler - Commander, Test Evaluation Command, Aberdeen Proving Ground, MD  
 25-28 - COL (Ret) Shallcross - U.S. Army Retired  
 26-29 - BG Hesson - Deputy Commanding General, Test Schedule and Review Committee, St. Louis, MO  
 27 - Senator Denton - U.S. Senator (Alabama)  
 29-2Jul Mr. Labyak - Forrester, Training and Doctrine Command, Fort Monroe, VA

### July

1-3 - LTC McLemore - Attending Refresher Course  
 5-8 - LTC Smith - Incoming Veterinarian  
 6-7 - Rear Admiral Deckert - Commander, Naval Air Division, German Navy, Federal Republic of Germany  
 7-15 - COL Dunn - U.S. Army War College (Faculty) Carlisle Barracks, PA  
 8-13 - COL Oestereich - Armed Forces Institute of Pathology  
 8-15 - COL Collins - Command and General Staff College, Fort Leavenworth, KS  
 9 - MG Doty - Commanding General, Combined Arms Test Activity, Training and Doctrine Command, Fort Hood, TX  
 9-10 - MG Wellman - Adjutant General, Kentucky Army National Guard, Frankfort, KY  
 9-12 - MG Freund - Adjutant General, Connecticut National Guard, Hartford, CT  
 10-16 - BG Kenyon - Incoming Deputy Commanding General  
 13-15 - LTC Carrasco - Vice Commander In Chief of the Army, Chile  
 13-15 - MG Smith - Adjutant General, Arizona Army National Guard  
 13-18 - COL Lawson - Office, Deputy Chief of Staff for Military Operations, Wash., D.C.  
 16-17 - COL Pettyjohn - Pensacola Naval Air Station, FL  
 16-20 - COL Covington - Operations Directorate, Fort Dietrick, MD  
 19-21 - COL Pullinen - Tour Leader, Finnish Defense Force, Finland  
 20-24 - COL Morgan - Chief, Warrant Officer Division, MILPERCEN, Alexandria, VA  
 20-25 - COL Rieth - New Jersey Army National Guard, Assigned Pentagon, Wash., D.C.  
 21-24 - COL (Ret) Ebert - U.S. Army Retired  
 21-22 - GEN (Ret) Blanchard - U.S. Army Retired  
 22-23 - MG Jenes - Commanding General, 172d Infantry Brigade, Fort Richardson, AK  
 23-24 - MG Elton - Commanding General, MILPERCEN, Alexandria, VA  
 29-30 - COL Tucker - Director, Facility Engineer, Office Deputy Chief of Staff Engineer, Training and Doctrine Command, Fort Monroe, VA  
 30-2Aug COL Sullivan - U.S. Army Retired  
 31-2Aug COL Kichler - Dermatology Consultant, U.S. Army Reserve, Mobile, AL

### August

3-7 - COL Mooneyhan - Military Judge, U.S. Army Judiciary, Wash., D.C.  
 4-5 - Mr. Hollis - Deputy Under Secretary of the Army, Wash., D.C.  
 4-6 - COL Hooper - Director, Aviation Systems, Deputy Chief of Staff for Combat Developments, Fort Monroe, VA  
 4-6 - Mr. O'Neil - Chief, Air Warfare Division, Aberdeen Proving Ground, MD  
 5 - BG Maddox - Assistant Deputy Chief of Staff for Combat Developments, Training and Doctrine Command, Fort Monroe, VA  
 6-7 - MG Forman - Commander, U.S. Army Training Center, Fort Dix, NJ  
 6-8 - COL Cody - Director of Operations Training and Intelligence, New York Army National Guard  
 9-10 - Mr. Lindblad - Swedish Parliament  
 9-11 - BG Laubach - Task Force Cdr, Oklahoma Army National Guard  
 9-11 - COL Thomas - Oklahoma Army National Guard  
 9-14 - CAPT. Fisher - Representative of RAF Staff, Wash., D.C.  
 10-11 - BG Myers - Deputy Commanding General, U.S. Army Communication Command, Fort Huachuca, AZ  
 10-11 - Mr. Behuncik - Staff Assistant, Senate Appropriations Defense Subcommittee, Wash., D.C.  
 10-13 - COL Wenzel - Chief, Aviation Management Section, MILPERCEN, Alexandria, VA

10-13 - LTC Carothers - Aviation Plans and Programs, MILPERCEN, Alexandria, VA  
 10-13 - LTC (Ret) Senter - U.S. Army Retired  
 12-14 - COL Smith - Aviation Officer, U.S. Army Aviation Materiel Command, St. Louis, MO  
 13-14 - Dr. Hanser - Professor of History, West Georgia State College, Carrollton, GA  
 18-19 - Mr. Chase - Professional Staff Member of the House Armed Services Committee, Wash., D.C.  
 19 - Mr. Dickinson - United States Congressman (Alabama)  
 19-21 - LTC Hove - Norwegian Liaison  
 20-21 - MG Galvin - Commanding General, 24th Infantry Division, Fort Stewart, GA  
 20-21 - COL Peacock - United States Army Health Facility Planning Agency, Pentagon, Wash., D.C.  
 21-22 - COL (Ret) Cooper - U.S. Army Retired  
 21-23 - MG (Ret) Blount - U.S. Army Retired  
 24-28 - COL Mooneyham - Military Judge, Fort Benning, GA  
 25-26 - BG Khama - Botswana  
 25-26 - BG Briggs - Commanding General, U.S. Army Reserve Components Personnel and Administration Center, St. Louis, MO  
 26-27 - Mr. Howell - Director, Civilian Personnel, Training and Doctrine Command, Fort Monroe, VA  
 27-28 - Mr. Folmar - Mayor of Montgomery, AL, Special Assistant to Secretary of the Army  
 28 - Mr. Eiland - Press Secretary to Congressman Nichols  
 31-3Sep CAPT. Rashed - Deputy Director, Saudi Arabian Land Forces Army Aviation

#### September

1-5 - COL (Ret) Jones - U.S. Air Force Retired  
 3 - COL Faisal - Director, Saudi Arabian Land Forces Army Aviation  
 3 - BG Delbridge - Assistant Chief of Engineers, Wash., D.C.  
 3-4 - MG Clarke - Director, Human Resources Development, Wash., D.C.  
 8-9 - COL Harden - Director of Aviation, Army, Canberra, Australia  
 10-12 - Air Commodore Van Leeuwen - Chief of Staff, Logistics and Training Command, Royal Netherlands Air Force  
 16-18 - BG Turner - Division Chief, U.S. Army Forces Command, Fort McPherson, GA  
 20-22 - Mr. Dubois - Division Chief, NAVLAB, Fort Monroe, VA  
 20-27 - LTC Turcotte - Incoming Commander, U.S. Army Communications Command  
 21-23 - COL Calhoun - Aviation Officer, XVIII Airborne Corps, Fort Bragg, NC  
 21-23 - COL Hooper - Aviation Officer, Training and Doctrine Command, Fort Monroe, VA  
 21-29 - COL Urbach - Deputy, U.S. Army Research and Technology Laboratory, Moffatt Field, CA  
 24-25 - COL Pettyjohn - Pensacola Naval Air Station, Pensacola, FL  
 24-25 - COL Grover - 11th Medic Group, Dallas TX  
 24-25 - COL Parks - OB-GYN Consultant to the Surgeon General, Walter Reed Army Hospital, MD  
 28-29 - BG Ward - Commanding General, William Beaumont Army Medical Center, El Paso, TX  
 29-30 - Mr. Ewing - Editor, Army Times, Wash., D.C.  
 29-30 - COL Ward - Region Commander, 3rd Region, United States Army Criminal Investigation Command, Fort Gillem, GA  
 29-30 - COL (Ret) Hansen - U.S. Army Retired  
 29-30Oct MG Murray - Adjutant General, North Dakota National Guard

#### October

1-2 - MG Brown - Commander, Chanute Technical Training Center, Chanute AFB, IL  
 4-9 - LTC Hanson - Incoming Commander, 3588th Flying Training Squadron  
 5-6 - GEN Otis - Commanding General, Training and Doctrine Command, Fort Monroe, VA  
 5-7 - COL Curry - Deputy Chief of Staff, 99th U.S. Army Reserve Command, Pittsburgh, PA  
 6-7 - MG (Ret) Low - U.S. Air Force Retired  
 6-7 - COL Fowler - Director, Battle Simulation, Fort Leavenworth, KS  
 8-9 - MG Schneider - Chief of Staff, U.S. Army Materiel Development and Readiness Command, Alexandria, VA  
 13-15 - LTC Oetgen - Cardiologist, Walter Reed Army Medical Center, Wash., D.C.  
 14-18 - BG Balgee - Director of Training, Royal Jordanian Air Force  
 15 - COL Pettyjohn - Pensacola Naval Air Station, Pensacola, FL  
 15-16 - LTG (Ret) Trudeau - U.S. Army Retired  
 15-16 - COL Egbert - U.S. Army Active Duty Field Artillery, Fort McClellan, AL  
 16-18 - COL Kichler - Dermatology Consultant, U.S. Army Reserve, Mobile, AL  
 17-24 - Mr. Becker - Assistant Director, Northwest Institute for Behavioral Sciences, Tacoma, WA  
 19-20 - COL Chase - Aviation Medicine Consultant to the Surgeon General

- 19-25 - COL Wolfe - Commander, 101st Aviation Group, Fort Campbell, KY
- 20-21 - COL McNeekin - Armed Forces Institute of Pathology, Wash., D.C.
- 22 - BG Mitchell - Director, Human Resources Development Headquarters, Department of the Army Wash., D.C.

November

- 4-5 - LTG Stone - Deputy Commanding General, Training and Doctrine Command, Commander, Combined Arms Center, Fort Leavenworth, KS
- 5-6 - MG Boyle - Deputy Chief of Staff for Combat Developments, Training and Doctrine Command Ft Monroe, VA
- 9-10 - GEN Meyer - Chief of Staff, U.S. Army, Wash., D.C.
- 12 - MG Konopnicki - Commanding General, U.S. Army Troop Support and Aviation Materiel Readiness Command, St. Louis, MO
- 15-20 - BG Parker - Deputy Chief of Staff, Intelligence, U.S. Army Forces Command, Fort McPherson, GA
- 16 - BG Maddox - Assistant Deputy for Combat Developments, Training and Doctrine Command, Fort Monroe, VA
- 20-21 - CH (BG) Hessian - Deputy Chief of Chaplains, Wash., D.C.
- 29-1Dec COL Hamel - Commander, Claims Services, Fort George G. Mead, MD
- 29-3Dec COL Kelly - Professor of Military Science, Indiana University, Bloomington, IN
- 30-2Dec BG Flynn - Vice Chief of Staff to the Governor, State of New York
- 30-1Dec Mr. Stugart - The Auditor General, U.S. Army, Wash., D.C.
- 30-4Dec COL Wenzel - Chief, Assignments Branch, Combat Arms Division, MILPERCEN, Alexandria, VA
- 30-8Dec LTC Turnage - Incoming Deputy Commander, U.S. Army Aviation Development Test Activity

December

- 1-2 - BG Flynn - New York National Guard
- 1-2 - MG Stubbs - Commander, Army and Air Force Exchange Services, Dallas, TX
- 1-2 - COL Hottel - Commander, U.S. Army Special Security Group, Wash., D.C.
- 2-4 - COL Elliott - Chief, Mobilization Deployment Division, Department of the Army, Wash., D.C.
- 3-4 - Mr. Augustine - National President, Association of United States Army, Wash., D.C.
- 8 - GEN (Ret) Howze - U.S. Army Retired
- 8 - LTG (Ret) Williams - U.S. Army Retired
- 7-8 - COL Treanor - Chief, Professional Services, West Point, NY
- 8-10 - Mr. Quiniou - Armament Engineer, Ministry of Defense, Directorate French Army, Paris, France
- 10-18 - MAJ Matheson - Australian Exchange Officer, Fort Rucker
- 11 - BG Mitchell - Director Human Resources, Deputy Chief of Staff for Personnel, Wash., D.C.
- 13-18 - COL (P) Myers - Commander, 39th Infantry Brigade, Arkansas National Guard
- 13-14 - MG (Ret) Daugherty - U.S. Army Retired
- 15-16 - Rear Adm Wissler - Commander, Naval Air Test Center, MD
- 17-18 - Ms. Hoeber - Deputy Assistant Secretary of the Army for Research and Development, Wash., D.C.
- 18-20 - COL Kichler - Dermatology Consultant, U.S. Army Reserve. Mobile, AL

MAJOR EVENTS

EPA Team Visit, 19-20 Jan 81

TRADOC Arms Team Visit, 19-23 Jan 81

French/US Staff Talks, 25-26 Feb 81

FAA Visit, 4-6 Mar 81

46th Engineer Blasting Equipment/UK Engineer, 9-13 Mar 81

ACAB Proponent Center Commander's Meeting, 10 Mar 81

Army Aeromedical Problems Course, 30 Mar - 3 Apr 81

Canadian Land Forces Directorate, 5-11 Apr 81  
Medical Fitness Conference, 6-7 Apr 81  
Jr ROTC Drill Meet, 10-11 Apr 81  
AAH COEA SAG Meeting, 10-21 Apr 81  
Family Planning Symposium, 9 May 81  
Air Command and Staff College, 11 May 81  
AAAA National Board Meeting, 4-6 Jun 81  
Warrant Officer Advanced/Senior Course Reception, 1 Jul 81  
TRADOC IG Inspection Team, 27 Jul - 1 Aug 81  
Cost Meeting on AAH COEA SAG, 3-5 Aug 81  
German Liaison Conference, 31 Aug - 4 Sep 81  
USASC Briefings, 3-4 Sep 81  
Doppler Briefings, 20-22 Sep 81  
AUSA National Convention (Washington, DC), 18 Oct 81  
7th EURO/NATO Symposium, 2-6 Nov 81  
United States Army Aviation Policy Committee Meeting/Training Symposium, 16-20 Nov 81  
Mobilization Exercise 1982 Conference, 2-4 Dec 81

# 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 activities, Installation Club System, USAAVNC 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 Service (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 (ADAD)

US Army Aviation Museum

Equal Opportunity Division (EO)

Installation Club System (ICS)

## KEY PERSONNEL

COL Richard C. Antross  
 COL Joseph R. Koehler  
 LTC Joseph R. Gaston  
 LTC Patrick W. Merten  
 MAJ Ivan C. Camp, III

CPT Olin E. Saunders  
 CPT Craig B. Hanford  
 Ms Modell M. McBride

## POSITION

Director, DPCA  
 Director, DPCA  
 Deputy Director, DPCA  
 Deputy Director, DPCA  
 Assistant School  
 Secretary  
 Special Asst. to DPCA  
 Special Asst. to DPCA  
 Chief, Admin & Mgt Branch

## ARRIVAL/DEPARTURE DATES

Oct 81 to Present  
 Dep - Oct 81  
 Dec 81 to Present  
 Dep - Dec 81  
 Entire Year  
 Nov 81 to Present  
 Dep - Sep 81  
 Entire Year

ACCOMPLISHMENTS:

FORMAL GRADUATION: During 1981, the Office of the Aviation School Secretary conducted 28 formal graduation exercises, during which the following classes/students graduated.

a. Initial Entry Rotary Wing Training (24 graduation exercises):

(1) Officer Rotary Wing Aviator Course (ORWAC): 24 classes graduated a total of 746 Army aviators; 102 Air Force Pilots; and 3 Allied Pilots.

(2) Warrant Officer Rotary Wing Aviator Course (WORWAC): 24 classes with a total of 800 Army Aviators.

(3) EURO-NATO Aviator Training Course: Ten classes graduated with a total of 77 Allied Students.

b. 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 - 111 graduates; WOSC - 144 graduates.

GRADUATION GUEST SPEAKER PROGRAM: The guest speaker for the formal graduation exercises included 26 Army and Air Force General Officers from both the Active Army, the Reserve components, one Admiral and the retiring Director of Training and Doctrine. The names and positions of the 1981 guest speakers are listed below:

LTG Julius W. Becton, Jr.	DCG for Training, US Army Training and Doctrine Command
LTG Arthur J. Gregg	Deputy Chief of Staff for Logistics, US Army
LTG Robert J. Lunn	DCG for Materiel Development, US Army DARCOM
LTG (Ret) Arthur G. Trudeau	Former Chief of Research and Development, OCSA
MG Robert Arter	CG, Military District of Washington
MG Norma E. Brown	Commander, Chanute Technical Training Center, Chanute AFB
MG Charles G. Cleveland	Vice Commander, Air Training Command, US Air Force
MG Robert M. Elton	CG, US Army Military Personnel Center
MG Robert H. Forman	CG, US Army Training Center and Fort Dix
MG John F. Freund	Adjutant General, State of Connecticut
MG John R. Galvin	CG, 24th Infantry Division and Fort Stewart
MG Charles P. Graham	Chief of Staff, US Army Forces Command
MG Kermit Johnson	Chief of Chaplains, US Army
MG John W. McEnery	Chief of Staff, US Army Forces Command
MG Guy S. Meloy, II	Director of Training Office of the DCSOPS, US Army
MG Joseph T. Palastra, Jr.	CG, 5th Infantry Division (Mechanized) and Fort Polk
MG William H. Schneider	Chief of Staff, US Army DARCOM
MG Duane H. Stubbs	Commander, Army and Air Force Exchange Service
MG Robert A. Sullivan	Chief, Public Affairs, Office of the Chief of Staff, Army
RADM John Wissler	Commander, Naval Air Test Center, NAS Patuxent River
MG John W. Woodmansee, Jr.	DCG, V Corps, US Army Europe and 7th Army
BG Leo A. Brooks	CG, US Army Troop Support Agency
BG Charles E. Canedy	Chief of Staff, Fifth United States Army
BG Ellis D. Parker	Deputy Director of Requirements and Army Aviation Officer
BG Bruce R. Harris	DCG/Assistant Commandant, US Army Signal Center & Ft Gordon
BG Robert W. RisCassi	DCG/Assistant Commandant, US Army Infantry Center/School
BG Gary L. Turner	Asst DCSOPS, US Army Forces Command
COL Kenneth J. Burton	Acting Assistant Commandant, US Army Aviation Center

THE HUMAN RELATIONS AND ASSISTANCE PROGRAM FOR STUDENTS (HRAPS): Under this program, begun in 1979, we continued to strive to increase minority and female participation in our flight training programs. Concurrently we worked together to decrease/minimize attrition. The results were:

Enrollment:

- a. Black enrollment increased from 60 (4.9%) to 73 (5.6%) in IERW.
- b. Female enrollment increased from 39 to 52 during 1981.

#### Success Rates:

- a. The success rate of Black students declined from 89.1% in 1980 to 74.1% in 1981.
- b. The success rate of women in the flight program was 95.4%.
- c. For comparison the success rate for white males was 88.2%.

SPONSORSHIP PROGRAM: The Special Assistant organized and developed a sponsorship program, under the auspices of the Ft Rucker Chapter of the 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.

THE ROTC AVIATION BRIEFING PROGRAM continued during 1981, 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 new Army Aviation career field and, hopefully, will attract more applicants, particularly minority and female applicants.

ARMY AVIATION ADVERTISING: A new recruiting publicity item (RPI) entitled "Keep The Army Flying" (RPI 135) was published in April and distributed Army-wide. Produced by the US Army Recruiting Command at the request of and with the assistance of the Aviation Center, this RPI covers all Army Aviation career fields and gives greater visibility to Blacks and women than the previous RPI.

PRELUDE TO GRADUATION: At the direction of the Commanding General, and with the assistance of PAO, the Training Aids Division of DTD, and the 98th Army Band, DPCA developed a synchronized narrated slide presentation entitled "I AM ARMY AVIATION" to be shown as a prelude to formal graduation exercises and on other occasions as directed. The presentation depicts various aspects of Army Aviation from its humble beginnings to the present and even gives a glimpse into the future. It shows most Army aircraft from the L-4 to the AH-64 and people from the pioneers of the early years, through Medal of Honor winners, to the student pilots of today.

## ***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 activities. Formulates local policies on wear of Army Uniforms and Accouterments; publicizes policies concerning Salutes, 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-officio member of the Fort Rucker Dependents Schools 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 a dishonored check returned to the installation check cashing facilities; forwarding files to gaining installation dishonored check control program; coordinates with unit commanders and check cashing facilities concerning dishonored checks; provides feedback to commanders. Monitors the operation of private organizations and nonappropriated fund instrumentalities authorized 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 and provides supervision of the Fort Rucker Dependents Schools Superintendent and liaison with the Fort Rucker Dependents Schools Board of Education. In addition, liaison is maintained with the General Manager, Army and Air Force Exchange System, Fort Rucker.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC Ollie C. Craddock	Chief	1 Oct 81 to Present
MAJ John E. Hall	Chief	1 Jan 81 - 31 Oct 81
CPT Kerry W. Bast	Asst Chief/Plans Officer	1 Jul 81 to Present
1LT Juana P. Bautista	Personnel Services Officer	19 Oct 81 to Present
SSG William R. Mills	NCOIC	Entire Year
SGT Vernon J. Robinson	Private Organization Monitor	Entire Year
Mrs. May L. Lesser	Personnel Services Assistant	Entire Year
Mrs. Louise Milbry	Check Control Clerk	17 Aug 81 to Present
Mrs. S.J. Adams	Check Control Clerk	1 Jan 81 - 5 Jun 81

ACCOMPLISHMENTS:

- a. In March 1981, the Fort Rucker Vehicle Safety Inspection Program was put into effect, whereby all privately-owned vehicles operating on the installation were required to undergo a safety inspection and display a decal indicating that this had been accomplished. Current safety inspections were honored.
- b. The new Department of the Army Program to control and prevent the abuse of check cashing privileges was adopted at Fort Rucker. The command determined that the sanctions imposed under the provisions of this program would be applied equitably, to include officers and warrant officers. Additionally, a lesson plan was developed following Department of the Army guidelines and implemented as a mandatory Check Writing and Dishonored Check training program.
- c. On 4 August 1981, a PX Clothing Size Requirements Survey was conducted. The results of the survey were furnished to Headquarters, Army and Air Force Exchange Service (AAFES) in Dallas Texas, and should result in better stockage of clothing in the required sizes.
- d. The two following fund-drives resulted in receipts as indicated:
  - 49'er Party: \$47,899.92 (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 82: Approximately \$169,471.02 (gross). Of these monies, approximately \$26,000 (gross) was returned to the Fort Rucker United Fund, and distributed to Army Community Service, Boy Scouts of America, Girl Scouts of America, and the Fort Rucker Morale Support Fund.

SHORTCOMINGS:

The revised Center Circular outlining local uniform policies was not published during calendar year 1981; however, coordination was near completion at the close of the year.

## ***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-developmental education; thereby enabling servicemembers 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 Army 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

### KEY PERSONNEL

### POSITION

### ARRIVAL/DEPARTURE DATES

Mr. John W. Bush	Education Services Officer	Entire Year
Mr. James K. Newton	Education Services Specialist	Entire Year
Mr. George Arnold	Education Services Specialist	Entire Year
Mr. Tom Overstreet	Guidance Counselor	Entire Year
Mr. Frank Barbour	Guidance Counselor	Entire Year
Mr. Ken Marchman	Guidance Counselor	Entire Year
Mrs. Betty Keel	Budget Clerk	Entire Year
Mrs. Peggy Dunn	Clerk-Typist	Entire Year

### ACCOMPLISHMENTS:

a. During 1981 ACES provided academic and Vocational/Technical Services to 6,180 servicemembers assigned throughout the Wiregrass area, Northeast Alabama, Northwest Florida and the lower half of Mississippi. A further breakdown of accomplishments are depicted below:

- (1) There were 335 servicemembers enrolled in the Army Apprenticeship Program.
- (2) Forty-three servicemembers received their High School GED Equivalency.
- (3) Nine servicemembers received vocational certificates.
- (4) Forty-seven servicemembers received associate degrees.
- (5) Sixty-two servicemembers received baccalaureate degrees.
- (6) Thirty-six servicemembers received masters degrees.

(7) Fifty-three servicemembers successfully completed the first sergeants/unit administration course.

(8) Twenty servicemembers successfully completed Basic Skills Education Program I (BSEP).

(9) Two hundred and twenty servicemembers successfully completed Basic Skills Education Program II (BSEP).

(10) On 7 November 1981, the Fort Rucker Branch of the University of Southern California instituted a full-fledged masters degree program in Safety.

(11) On 3 December 1981, the pre-separation counseling program was initiated under the new procedures as prescribed by AR 621-5.

## ***ARMY COMMUNITY SERVICE***

### MISSION:

The Fort Rucker Army Community Service (ACS) administers a variety of programs for the express purpose of improving the quality of life for the soldier and his/her family. The ACS staff provides assistance to the installation commander in solving the personal problems of members of the military community as well as those problems that are broad in scope.

### ORGANIZATION:

ACS is functionally an element of Personnel Services Division, Directorate of Personnel and Community Activities/Secretary. A paid staff of 44 and a Volunteer Corps of approximately 125 administers a social service delivery program, including counseling, the Army Child Advocacy Program (ACAP) and handicapped assistance; Army Emergency Relief (AER); Budget/Financial Planning assistance; Debt Reduction Program; Installation Information and Referral; Clothing and Lending Hangars; Emergency guest housing; Child Support Services, including a Child Care Center, a Pre-school and Family Day Care Homes; 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 Joseph J. Rallo	Chief, ACS	Dep - 14 Sep 81
MAJ Marion D. Bennett	Chief, ACS	10 Aug 81 to Present
Mr. William R. Lane	ACS Officer	23 Feb 81 to Present
Mr. Wayne A. Anderson	Social Worker	22 Jun 81 to Present
1LT Juana P. Bautista	AER/Admin Officer	Dep - 15 Oct 81
2LT Suzette B. Moulton	AER/Admin Officer	19 Oct 81 - Present
SSG Donald V. Blain	NCOIC	18 Dec 81 - Present
Mrs. June Mize	Budget/Financial Planner	Entire Year
Mrs. Evelyn Evans	Child Support Svcs Coord	Entire Year
Mrs. June GaVette	Dir, Child Care Ctr	Entire Year
Mrs. Wanda Anderson	Principal, Preschool	Entire Year
Mrs. Carolyn Jones	Pres, Volunteer Assoc	Dep - 14 Oct 81
Mrs. Betty Lalicker	Pres, Volunteer Assoc	Arr - 14 Oct 81

### ACCOMPLISHMENTS:

The renovation of the ACS Emergency Guest Cottages began in the fall of 1980 and was completed. The cottages were opened for service in a dedication ceremony conducted by the Commanding General in March 1981. Redecorating and refurnishing of the cottages was accomplished by the Volunteer Association members with monetary contribution from the Family Assistance Council.

Three classes in Systematic Training for Effective Parenting (STEP) were conducted by the ACS Social Service Department. This program is continuing in coordination with the Center Chaplain.

All new equipment has been procured for complete renovation of the Child Care Center kitchen. The monthly Welcome Center briefing has been restructured to provide more complete information for new arrivals on post facilities, ACS services, and services and businesses in the surrounding civilian communities.

Two workshops, dealing with the full range of community and social service programs administered by ACS, were conducted hosting Air Force and Navy personnel from installations in Florida and Mississippi.

An increase of 25% in clients in the Debt Reduction Program and Budget/Financial Planning has been experienced this calendar year. Additionally, the Budget/Financial Planner has assumed the responsibility of teaching check-writing/bank statement reconciliation classes to those listed on the bad check roster.

## ***FORT RUCKER DEPENDENTS SCHOOLS***

### MISSION:

Provides free, public education to the dependent children of military personnel residing 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
Mrs. Alice G. Suiter	Principal	Entire Year
Mr. Clarence R. Jones	Principal	Entire Year

### ACCOMPLISHMENTS:

Both schools and the district completed interim reviews with the Southern Association of Colleges and schools; a visiting committee conducted its review in the spring and recommended the schools for continuing accreditation.

A special program was initiated to assist new students with familiarity with the English language to gain proficiency.

Sixth Grade Glee Club presented the musical Cinderella to standing-room-only crowds at matinee and evening performances.

Sixth Grade students submitted weekly articles to the Army Flier.

## ***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:

The Fort Rucker Exchange, under the command of the Army and Air Force Exchange Service, Departments of the Army and the Air Force, is composed of the following activities:

Exchange Office	Hospital Annex
Main Store	Service Station
Shoe Store	Vehicle Inspection Point
Troop Store	Military Clothing Sales Store
PX-Tra/Four Seasons	Food Activities
Washateria	Personal Services/Concessions
Theater	

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
E.H. Zierlein	Exchange Manager	Entire Year
James C. Howard	Retail Manager (MS)	18 Jul 81 to Present
Alejandro Roman	Asst Manager (MS)	2 Mar 81 to Present
Robert Stack	Retail Manager (BS)	1 Aug 81 to Present
Vannin Nelson	Food Activity Manager	Entire Year
Cornelius Tart	Auto Act Manager	18 Jul 81 to Present
Sara Campbell	MCSS Manager	7 Nov 81 to Present
Mary E. Sanford	Personnel Asst	Entire Year

### ACCOMPLISHMENTS:

Refixturing of linens, domestics, men's shorts, pillows, etc., was funded (approximately \$40,000) and accomplished in October and November 1981.

The AAFES assumed operational responsibility for the Army Military Clothing Sales Store (MCSS) at Fort Rucker on 19 November 1981. Some refixturing, painting and signing were accomplished before the MCSS was reopened. The transition was well coordinated and went exceptionally well.

Light testing equipment was purchased and installed at the vehicle inspection station operated by the Exchange in May 1981. A new inspection regulation was finalized and implemented at the same time.

## ***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 officers and one non-commissioned officer authorized positions (Division Chief, and three OECs).

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Ronald K. Lovejoy	Division Chief	16 Jan 81 to Present
MAJ Max D. Payne	OE Consultant	Entire Year
MAJ Benny B. Walton	OE Consultant	Dep - 8 Jul 81
CPT Glen A. Panning	OE Consultant	21 Dec 81 to Present
SFC Richard W. Ballard	OE Consultant	18 Dec 81 to Present
SSG Norman W. Maurice	OE Consultant	Dep - 15 Sep 81

### ACCOMPLISHMENTS:

Conducted OE Operations in 5 directorates, 4 battalions, 4 companies, and 19 section level organizations.

Hosted an eight-member Organizational Effectiveness Center and School FTX Team for 5 Sep - 3 Oct 81.

Planned, organized and facilitated the Commanding General's Center Goals and Objectives Setting Meeting.

Conducted Transition Workshops for one major DA level activity, two directorate level organizations, and two battalions.

Established a method for presenting a results oriented action plan establishing the chain-of-command for a major DA level activity.

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 Officer Wives Club on the planning and conduct of the Fort Rucker Family Symposium and Town Meeting.

Conducted Situational Leadership, Stress Management, Goal Setting, Time Management, and Neuro-linguistics Programming Workshops for requesting organizations.

Served as a member of the Warrant Officer Candidate Development Leadership Committee to study the Leadership aspects of the Warrant Officer Candidate Training Program.

Conducted the 40-hour Leadership and Management Development Course for requesting organizations.

## ***ADJUTANT GENERAL DIVISION***

### MISSION:

Advise and assist the Director of Personnel and Community Activities/Secretary on all personnel and administrative services matters.

### ORGANIZATION:

The Adjutant General (AG) Division is organized into the following branches:

- Consolidated Military Personnel Activity (COMPACT)
- Administrative Services Branch
- Reenlistment Branch
- Retirement Services Branch

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC L. R. Bixler	Adjutant General	15 July 81 to Present
LTC Paul R. Davidson	Adjutant General	1 Jan 81 to 14 July 81

### ACCOMPLISHMENTS:

The reenlistment effort during the period 1 January 1981 through 30 November 1981 yielded the following accomplishments: initial term 118%; mid-term 110%; career 133%. The MOS objective was introduced in October 1981, and short-term results have not been successful. Accomplishments are as follows: initial term 14%; mid-term 100%; career 60%. It may be necessary for HQDA to pursue additional incentives (i.e. increase combat arms Selective Reenlistment Bonus (SRB) and inclusion of combat arms in the Bonus Extension And Retraining (BEAR) program) to encourage soldiers to migrate from overage skills into shortage skills.

During the period 16-18 November 1981, the Standard Installation/Division Personnel System (SIDPERS) Interface Section participated in a HQDA Personnel Mobilization Exercise (PERMEX 1-82). The exercise was conducted to test and evaluate the wartime version of the automated personnel system and reports. All facets of the exercise were successfully completed within the allocated timeframes.

The Defense Enrollment Eligibility Reporting System (DEERS) intensified enrollment period was conducted 14 September - 30 November 1981 by the Personnel Actions Section and contractor personnel. Approximately 12,000 enrollment applications were processed and the program was successful. Out of the entire Region VII enrollment area, Fort Rucker was second in active duty enrollment and fourth in retiree enrollment. The overall organization and accomplishment of this program received laudatory comments from the DOD contracting agency.

During 1981, the Separation Transfer Point Activity expanded and improved its customer waiting room by adding carpeting and easy chairs. Coffee is provided soldiers and accompanying family members courtesy of the Fort Rucker Thrift Shop. An AG multipurpose classroom was established and is used for Skill Qualification Test (SQT) training, briefing, orientations, meetings, etc. A departure ceremony program was established which recognizes soldiers separating under honorable conditions. The pre-separation program was expanded in November 1981 to integrate the pre-separation efforts of Education Center, In-Service Recruiter and the Military Personnel Office (MILPO).

In July 1981, the Permanent Party Records Section was reorganized into four separate sub-sections instead of two. Each supervisor now reports directly to the Chief of Permanent Party Records. This reorganization has provided more accurate records, maintenance, and service to the soldier. The Officer Evaluation Report (OER) section submitted 2,198 OERs and had one late report. The .05% rate obtained is well within TRADOC's established late rate of 5.0%. Additionally, the number of Officer Record Briefs (ORB) received for 1981 was 1,490. At this time the percentage of officers assigned to Fort Rucker who have personally reviewed their ORB was 92%. The percentages obtained for OERs and ORBs are attributed to improved scheduling systems and command influence.

In January 1981, the Permanent Party Management Section began submitting various strength and accounting reports on 27 Reserve and National Guard units. This new work was required by ARMR IV HQ and used to facilitate mobilization/deployment personnel planning. In October 1981, the units reported dropped to 9 but are expected to rise again next year to 28. This section also continued to maintain the lowest Senior Enlisted Evaluation Report (SEER) late processing rate in TRADOC for all of 1981.

During 1981, the Retirement Services Office held semi-annual preretirement orientations in May and December; hosted the seventh annual Retiree Open House in August; held quarterly Officer and Enlisted retiree council meetings in February, May, August and November; and distributed the semi-annual Retirement Services Bulletin in June and December to the installation's Army retired community. The Commanding General participated in both preretirement orientations, the Retiree Open House, and attended the November meeting of the retiree councils.

During December 1981, the AG Administrative Services Branch installed a new Photocomposer that has the capability of communicating with word processing equipment. Type is sent from word processors to the Photocomposer without having to be retyped. Some examples of material that were produced are FLIGHTFAX, Countermeasures, Field Manuals, and Training Circulars. This new system saves approximately \$2,000 per year in overtime costs.

## ***MORALE SUPPORT ACTIVITIES DIVISION***

### MISSION:

Increase the effectiveness of the Army by assisting commanders in maintaining the morale and 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 Division consists of the following elements:

Arts & Crafts Branch	Golf Course
Sports Branch	Bowling Lanes
Center Library	Dependent Youth Activities (DYA)
Recreation Center Branch	Morale Support Fund
	Outdoor Recreation Branch

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Lamar Caldwell	Morale Support Activities Officer	Entire Year
Mr. Walter Nichols	Custodian, Morale Support Fund	Entire Year
Ms. L. S. Kuntz	Director, Center Library Branch	Departed Nov 81
Mr. Leslie Waltman	Director, Center Library Branch	Dec 81 to Present
Ms. Sarah Henderson	Director, Recreation Center Branch	Entire Year
Mr. Billy Adkins	Director, DYA Branch	Entire Year
Mr. William Shinholster	Acting Director, Sports Branch	Entire Year
Mr. James Cullina	Director, Outdoor Recreation Branch	Entire Year
Ms. Constance Evans	Director, Arts & Crafts Branch	Entire Year

Key Personnel continued.

Mr. Veikko Juhola	Golf Course Manager	Jul 81 to Present
Mr. Lawrence Kelly	Bowling Center Manager	Entire Year
Mr. Robert Harrell	Snackbar Manager	Entire Year
Ms. Johnnie Bradshaw	Supply Officer	Entire Year

#### ACCOMPLISHMENTS:

Administration: Morale Support Activities gained 28 civilian appropriated slots to replace borrowed military manpower/military diversion augmentee personnel.

Division headquarters moved their offices from Building 115 to the Youth Center, Building 2801. The new arrangement has been very successful.

Arts and Crafts Branch: Fort Rucker received the Training and Doctrine Command (TRADOC) Commander's Perpetual Award for winning the most military Army Arts and Crafts contests in a five year period. Fort Rucker's first place finish in the 1980 Eighth Interservice Photography Contest, was the last in a series of first place finishes that earned us the Perpetual Award.

The Ceramics Shop was extensively renovated. The previous layout was inadequate for all of the activities housed in the facility. TRADOC grants allowed the purchase of new tools and installation of a dust system in the Wood Shop and installation of a front end alignment system, an automatic digital wheel balancer, and two new lifts in the Auto Crafts Shop.

Sports and Athletic Training Branch: The Physical Fitness Center was the host site for the District Alabama Special Olympics. Approximately 900 youths from seven counties participated. Fort Rucker hosted TRADOC Command Championships in Basketball and Softball. Invitational tournaments in soccer, softball, racquetball and tennis were also conducted throughout the year.

Numerous improvements/additions were made to the facilities. The Beaver Lake walking and jogging course was completed; the gymnasium, racquetball/handball, and squash court floors were resurfaced; new rubberized tile flooring was installed in the gymnasium's weight and exercise room; construction of the soccer field complex was completed; and fences were installed around the track located behind the Physical Fitness Center and the soccer field. Resurfacing of the floors and the installation of the fences were accomplished through TRADOC Grants.

Golf Course: Fort Rucker hosted the Golden-Hawk Pro-Am tournament which has become one of the top Pro-Ams in Alabama, and the TRADOC Command Gold Championship. A new monthly computerized gold handicap system, Handicomp, Incorporated, was initiated. The improved system also furnishes handicap cards to each annual fee paying golfer. These cards are updated monthly and mailed to the golfers along with their bills.

Bowling Lanes: The Fort Rucker Junior Bowlers participated in the TRADOC Bowling Tournament. Stuart McQuinn was runner-up in Division C and Delmashea Rivers runner-up in Division B. A game room, with 14 machines, was installed in the facility. The machines have been extremely popular with the patrons.

Library Branch: The facility's computer on-line Ohio College Library Center for interlibrary loans and Bibliographic Research Service expanded in 1981 from 30 data bases to 46, thereby greatly increasing the number of reference sources available to patrons. Because of these programs, use of the library increased 14.5% and reference questions 9% over last year's usage.

Recreation Center Branch: Approximately 1100 programs were conducted throughout the year. These included guitar and piano classes, hobbyist exhibits, an antique bottle show, and competitive, community, and special interest activities. Highlights of the year included a Hawaiian Luau; outdoor band concert with "Tres Bon" and other ethnic week programming; two performances presented by the Alpha-Omega Players, a repertory theatre group -- "God's Favorite" and "Heroes and Hard Cases," and authentic musical and dance programs for Hispanic and Afro-American Week. The Information, Tour, and Travel Office offered an eight day tour to Mexico City in addition to the various tours to points of interest such as Disney World, and Westville, Georgia, and to Montgomery, Alabama, to see the Historic North Hull District.

Outdoor Recreation Branch: Three new replacement mobile homes were received at the Fort Rucker Florida Recreation Area. Funds were furnished by a TRADOC Grant. TRADOC also approved funds for the purchase of 14 additional replacement units to upgrade the facility. A new boat dock was constructed at the Lake Tholocco Wildlife Area to afford patrons adequate docking. This also was accomplished through a TRADOC grant.

DYA Branch: DYA participated in the free throw; punt, pass, and kick; bowling; and track and field TRADOC tournaments. Fort Rucker's youth did well in all the events.

Funds from a TRADOC grant enabled the installation of chain link perimeter fences for four baseball/softball fields. The fields were designed to meet all criteria essential for DYA to host national tournaments. The hardwood floor in the Youth Activities gymnasium/roller skating rink were resurfaced with "Roll On." An emergency lighting system was also installed in the facility.

DYA experienced a good year in participation. Each first and third Friday night the staff of the Youth Center worked with Post Chapel personnel to host "Family Nights." Parents were invited to the Youth Center to participate in games with their children.

A concessionaire contract for dance lessons was implemented in November. A contract was also awarded for gymnastics instruction and team coach. Many of the local youths joined the newly implemented East Gate Junior High School football program. This caused a decrease in participation in DYA sponsored football.

Various special activities were conducted throughout the year. DYA hosted a Pony and Senior League Basketball Tournament for the southeast military installations. Teams from Fort Benning; Gunter, Robins, and Maxwell Air Force Bases; and Fort Rucker participated. DYA also hosted the Dale County Youth Football Jamboree and Super Bowl. Teams participated from Ozark, Daleville, Newton, Wicksburg, and Fort Rucker. A "Talk to Santa" Program was held at the Youth Center which enabled the youths to talk with Santa at the "North Pole." Equipment was loaned by a ham radio operator.

Morale Support Fund: The Custodian's slot was civilianized in 1981. Appropriated funds, through a contract, reimbursed nonappropriated funds for the Custodian's salary.

## ***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 Alcohol/Drug Abuse Division 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. Sorrels	ADCO/CPC	December 1981 to Present
Mr. Howard O'Neal	Clinical Director	Entire Year

ACCOMPLISHMENTS:

During CY 1981, the ADAD obtained the capability of detecting marijuana use through urinalysis testing. The obtainment of this capability provided a much needed tool for the identification of personnel using this illicit drug. During CY 1981, there was a very aggressive effort in urinalysis testing for marijuana and this effort will continue. All personnel are now aware that the use of this drug within the Army environment will not be tolerated.

During CY 1981, ADAD provided rehabilitation for 213 personnel, education and prevention classes for 240 personnel and training classes for 4,382 personnel.

## ***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	21 June 81 to Present

ACCOMPLISHMENTS:

The Museum hosted 84,222 visitors during CY 1981. A total of 417 groups consisting of public school children, college students, high school and college ROTC, military and civilian VIPs, civic clubs, and officer/warrant officer candidates and maintenance training classes, visited the museum on conducted tours.

Historical items donated or transferred to the museum during 1981 totaled 100, ranging from small personal items to complete aircraft. The Museum had six aircraft repainted with polyurethane paint for preservation against the elements.

The Museum conducted a special exhibit of IBM's "Models of Inventions of Leonardo da Vinci, Group II." The exhibit borrowed from IBM Corporation, and was on display from 3 July to 30 July 1981. A new display was added to the museum depicting the US Army Precision Demonstration Team "Silver Eagles" history and initiated a quarterly exhibit at the Officers Club and Center Library.

The Museum collection valued at approximately \$61 million consists of 59 rotary wing aircraft, 56 fixed wing aircraft, and two-lighter than air vehicles along with hundreds of Army Aviation memorabilia.

## ***EQUAL OPPORTUNITY DIVISION (EO)***

### MISSION:

Assists the Commander in achieving racial harmony and equal opportunity through education, affirmative action, and implementation of special activities.

### ORGANIZATION:

The Equal Opportunity (EO) Division consists of one officer and two noncommissioned officer authorized positions.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Jerry D. Jackson	Chief	9 Mar 81 - Present
MAJ Harry E. Potts, Jr.	Chief	1 Jan 81 - 8 Mar 81
MSG Dwight Riley	EO NCO	Entire Year

### ACCOMPLISHMENTS:

The EO Division conducted two workshops, whereby 46 personnel were trained to become unit/activity EO discussion leaders or program managers for commanders.

Change 2 to USAAVNC Pam 600-5, Affirmative Actions Plan (AAP), was distributed January 1981. The change affected the counseling program at Fort Rucker and established an EO Representatives AAP Panel which meets quarterly.

Two EO staff members conducted EO training to personnel of the Corps of Engineer Water Experiment Station, Vicksburg, MS.

One EO staff member visited the Defense Equal Opportunity Management Institute (DEOMI), Patrick AFB, Florida to receive an update on sexual harassment policies and programs.

The EO Division provided assistance and major input in planning and conducting "American Heritage Week" which combined all ethnic weeks/days activities into a one-week celebration.

EO staff assistance visits were conducted to the installation's directorates/activities to determine compliance with the installation's AAP.

The EO Division performed 36 installation facility checks, i.e., P.X., clubs, snack bars, etc.

There were seven formal EO complaints submitted. Five were related to sexual harassment, three were founded and two unfounded. Two complaints were discrimination complaints, one founded and one 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 for 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 Manager	Entire Year
Mr. Joseph S. Jones, Jr.	Chief, Admin Support Branch	Entire Year
Mr. Stanley Filipiak	Manager, Package Beverage Branch	Entire Year
Mr. Evan E. Smith, Jr.	Manager, Officers' Club Branch	Entire Year
Mr. James C. Harrelson	Manager, Noncommissioned Officers' Club Branch	Entire Year

### ACCOMPLISHMENTS:

The Fort Rucker Club System recorded an all time high of \$5.3 million in food and beverages sales for the FY 81. The net income generated by the Officer's and NCO Clubs for FY 81 totaled \$398,003, an increase of \$100,726 (33.9%) over FY 80.

The Installation Club System has been recognized by TRADOC as an over-all service/customer oriented organization. It continued to rank in the top of TRADOC Installations and remain impressive in its accomplishments.

# 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:

- Supply and Services Division
- Procurement Division
- Maintenance Division
- Transportation Division
- Aircraft Logistics Management Division (ALMD)

## KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Harry G. Christopher	Director of Industrial Operations	1 Jan 80 - 10 Jul 81
COL Ernie J. Leach	Director of Industrial Operations	1 Sep 81 - Present
Mr. Perry S. Grantham	Deputy Director of Industrial Operations	Entire Year
MSG William E. Joiner	NCOIC, DIO	1 Jan 80 - 5 Jan 81
MSG Walter S. McAdams	NCOIC, DIO	1 Feb 81 - 30 Sep 81
MSG Michael V. Smith	NCOIC, DIO	26 Oct 81 - Present

## ***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 and approximately 40 USAR and ROTC units located in the tri-state area.

### ORGANIZATION:

The Transportation Division is organized into the following branches:

Office of the Chief  
Transport Branch  
Movements Branch

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Jan E. Payne	Chief, Transportation Division	Entire Year
CPT Gordon H. Bennett	Chief, Transport Branch	28 Sep 81 - Present
Mr. Billy O. Rhodes	Chief, Movements Branch	Entire Year

### ACCOMPLISHMENTS:

Transport Branch: During 1981 the Transportation Motor Pool underwent a major personnel change. The TMP Bus Section replaced the borrowed military bus drivers with a full staff of civilian drivers. This change was required to allow the military drivers to concentrate on training.

The TMP Fleet continued to age with the only replacement vehicles being four (4) 44-passenger buses.

Movements Branch: On 1 October 1981, the Transportation Office implemented the DA scheduled Airline Ticket Office Enhancement Program. This is a new program whereby all order initiating activities will request airline reservations for domestic travel directly from the Scheduled Airline Traffic Office (SATO). This places the requestor in the position of receiving almost instantaneous flight information and availability as well as assuring utilization of the lowest cost fare.

## ***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 workloads. Acts as 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

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC Thomas J. Smith	Chief, Maintenance Division	1 Aug 80 - 30 Nov 81 (PCS)
MAJ John R. Robinson	Chief, Maintenance Division	30 Nov 81 - Present
Mr. Larry R. Thrash	Chief, PP and C Branch	28 Sep 81 - Present
Mr. David W. Benton	Chief, Shop Operations Branch	23 Nov 81 - Present
Mr. Glennon R. Weiss	Chief, Quality Assurance Branch	7 Jun 81 - Present
SFC Francis E. Burns	NCOIC, Maintenance Division	Entire Year

### ACCOMPLISHMENTS:

The division increased the number of maintenance contracts that it administered in FY 81 to 657 as compared to 529 in FY 80. Most of the contracts were in support of office and electronic equipment.

An automated logistic system was installed and put into operation at Fort Rucker for the World-Wide Flight Simulator Logistic Support.

A 70' x 45' steel structure building that will house the Quality Assurance Branch of Maintenance Division, DIO, was obtained and the 46th Engineer Battalion accomplished all the construction work connected with the erection of the pre-fabricated building. This building allows all inspections on tactical vehicles and construction equipment to be performed indoors. Prior to the erection of this building all inspections were performed outside regardless of weather conditions.

During FY 81, a new equipment warranty program was established and has proved a viable addition to the overall maintenance effort at Fort Rucker. There are currently some 600 items under manufacturer warranty, ranging from office equipment to the newly adopted M915 through M920 series of vehicles. Continued close scrutiny of this program will save what otherwise would result in out of pocket cost to Fort Rucker.

## ***PROCUREMENT DIVISION***

### MISSION:

Locally procures supplies and services through advertised, negotiated, and small purchase procedures. Through appointed contracting officers' representatives, assures that the contracted supplies and services are delivered to the government in compliance with the provisions and specifications of the contract or order.

### ORGANIZATION:

The Procurement Division is organized into the following branches:

Administrative Branch  
Contracts Branch  
Purchases Branch

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Billy Newton	Chief, Procurement Div	Jan 81 - 31 Jul 81
Mr. Peter C. Polivka	Chief, Procurement Div	26 Oct 81 - Present
Mr. Ellis Nichols	Contracting Officer, Aircraft Maintenance	22 Jun 81 - Present
Mrs. Clara Curry	Chief, Administrative Support Branch	13 Jul 81 - Present
Mr. Perry Doyal	Chief, Contracts Branch	Entire Year
Mrs. Peggy Brown	Contracting Officer	1 Feb 81 - Present
Mr. Alan Bullock	Contracting Officer	1 Feb 81 - Present
Mrs. Diana Davis	Contracting Officer	1 Feb 81 - Present
Mrs. Betty Stinson	Chief, Purchases Branch	Entire Year
Mrs. Martha Brown	Contracting Officer	21 Jun 81 - Present
Mr. Hosie Owens	Contracting Officer	Entire Year

### ACCOMPLISHMENTS:

Staffing Posture: Of 37 permanently assigned employees in the Procurement Division, 28 have been newly hired or promoted during the calendar year. This included each of the four (4) GS-11 Contracting Officers in the Contract Branch, the GS-12 Aircraft Maintenance Contracting Officer and the GS-13 Division Chief. There were a total of 13 new hires.

Civilian Conversion of the Chief of Procurement Division: In April we received TRADOC's approval to convert the Chief of Procurement from a military to a civilian slot. The purpose was to provide the Division with the expertise and stability necessary to best accomplish the Division's mission.

## ***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)

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC Edward L. Goff	Chief, ALMD	Entire Year
SFC Stafford Goldsmith	NCOIC, ALMD	Entire Year
CPT Louis A. Bonham	Chief, PSB	Entire Year
MAJ Terry J. Coker	Chief, MSB	Entire Year
DAC Richard W. Welch	Chief, SSB	Entire Year
DAC Louis E. Boothe	CSA	Entire Year

### ACCOMPLISHMENTS:

Integration of 23 TAH-1S Modernized (MC) aircraft into the USAAVNC training program occurred on 3 Sep 81. During Sep - Nov, numerous problems were experienced in malfunctions of the weapon systems and cracks occurring at the cuff connecting the crosstubes to the skid toe. It was determined that the root of the problems was the high gross weight of the TAH-1S (MC) and the jarring of weapon systems components during emergency contact maneuvers. On 30 Nov 81, the aircraft maintenance contractor started reconfiguration of 11 TAH-1S (MC) to reduce the gross weight from 9500 lbs to 8800 lbs. These aircraft with weapon systems removed and some ballasting installed for center of gravity purposes became contact only training aircraft. The remaining TAH-1S (MC) aircraft were used only for weapon system training as gun ships. A marked improvement in the reliability of the airframe and weapon systems was noted.

USAAVNC OH-58A/C aircraft experienced numerous power loss problems in the summer of 1981. A Blue Ribbon Panel was formed consisting of US Army Aviation Research and Development Command (AVRADCOM) US Army Troop Support and Aviation Materiel Readiness Command (TSARCOM), Bendix Corporation and Detroit Diesel Allison Division Engineering to resolve the power loss reported problems. The findings of the Blue Ribbon Panel revealed two main factors contributing to the power loss problem: (1) Operating beyond the prescribed flight envelope and, (2) Loss of power during normal operation (maintenance related and those unexplained).

TSARCOM is actively engaged in a long-term solution to assure the Army is provided with a safe and operationally capable aircraft.

TSARCOM and AVRADCOM are considering outfitting the Fort Rucker training fleet with an updated fuel control and overspeed governor for evaluation.

The Contracting Officer designated Mr. Louis E. Boothe as Contracting Officer's Representative for Automatic Data Processing/Management Information Systems (ADP/MIS) on 28 October 1981:

## ***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. Performs Command Supply Inspections of units, activities, and ROTC units in the Fort Rucker support area. 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. Provides Supply Support to active Army, USAR, and ROTC within assigned area of responsibility.

### ORGANIZATION:

The Supply and Services Division is organized into the following branches:

- Property Control Branch
- Reserve Components Branch
- Services Branch
- Petroleum, Oil, and Lubricants (POL) Management Branch
- Central Issue Facility (CIF) Branch

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Rudolph A. Noll	Chief, Supply and Services Division	Entire Year
Mr. James Brackin	Deputy Chief, Supply and Services Division	Entire Year
Mr. Leonard M. Emmick	Chief, Property Control Branch	Entire Year
Mr. Warner Brunson	Chief, Reserve Components Branch	Entire Year
CPT Elmo G. Burton	Chief, Services Branch	Oct 81 - Present
Mr. Melville Allen	Chief, POL Management Branch	Entire Year
Mrs. Lois Eldredge	Chief, CIF Branch	Entire Year
SFC Harold Shonk	NCOIC, Supply and Services Division	Jan 81 - Aug 81
SFC Curtis Robinson	NCOIC, Supply and Services Division	Aug 81 - Present

### ACCOMPLISHMENTS:

The inability of the General Services Administration to provide timely wholesale level supply support caused an adverse impact on the Self-Service Supply Center (SSSC) in the accomplishment of its mission to provide general supplies and hand tools to supported activities. The Supply and Services Division established internal goals, intensified management of items, and personalized liaison with GSA managerial personnel to insure maximum availability of required supplies. These actions have resulted in an average zero balance rate of 6.5 percent for items stocked and issued through the SSSC. This represents the best stockage position in TRADOC and compares most favorably with the regulatory objective of 10 percent zero balance rate for SSSC's.

New state-of-the-art Automatic Data Processing Equipment (ADPE) hardware was installed within the Management Information Systems Office (MISO) and contractor data processing activities in July 1981. This new equipment has enhanced the process of upgrade/replacement of present ADPE equipment.

MISO installed additional executive software on the IBM 4341 computer within the data processing center to facilitate Automatic Data Processing System upgrades in July 1981.

Dynalectron Corporation, operating under a \$480,000 government contract, installed radar warning devices (MWO #55-1520-210-50-6) in more than 194 aircraft.

The Aircraft Logistics Management Division coordinated the transfer of 152 aircraft onto and away from Fort Rucker during the calendar year. These transfers include aircraft reassignments to depots and other installations. They also include 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 1981.

<u>AIRCRAFT</u>	<u>ON HAND 31 DEC 80</u>	<u>ON HAND 31 DEC 81</u>	<u>CHANGE</u>
U-21	4	4	0
OV-1	6	6	0
T-42	10	10	0
CH-47	11	11	0
UH-1M	5	5	0
UH-1H	315	284	-31
OH-58	22	38	+16
TH-55	143	144	+1
UH-60	8	10	+2
TH-1G	18	0	-18
AH-1S	13	7	-6
TAH-1S	<u>0</u>	<u>23</u>	<u>+23</u>
	555	542	-13

# DIRECTORATE OF FACILITIES ENGINEERING



## 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 Facilities Engineering (DFAE) 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 Facilities Engineering (DFAE) 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

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC Daniel G. Barney	Director	Entire Year
Mr. Frank O. White	Deputy Director	Entire Year
Major Charles D. Gray	Operations Officer	Entire Year

## ***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 manhours, workload and work measurement data and preparation of related reports. Maintains liaison with Force Development Division, Directorate of Resources 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 publications library for DFAE.

<u>KEY PERSONNEL</u>	<u>POSITION:</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mrs. Dawn S. Gardner	Admin Officer	1 Jan 81 - 1 Aug 81
Mrs. Hazel J. Jackson	Admin Officer	2 Aug 81 - 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 (HQ, DA) through AR 200-1.

### ORGANIZATION:

The Environmental Protection Office is part of the DFAE 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:

The Polychlorinated biphenals (PCB) management program was brought under control. All required inspection, sampling, containerization, storage, or disposal of PCB items as applicable was accomplished. Required labeling was done except for numerous in-service transformers and capacitors.

It was determined that the legal requirement for the Fort Rucker Mission Environmental Statement no longer existed. The statement was filed for future use as baseline information.

State of Alabama air emission permits were obtained for two new gas fired steam boilers and the three proposed solid waste incinerators.

Requests were submitted to cancel four of twelve discharge permits for United States Army Reserve (USAR) Centers under Fort Rucker purview.

The post inspection program was expanded to include monthly inspections of motor pool oil change areas and landfills. Planning for similar inspections of oil/grease interceptors was initiated.

Contributed basic input to the Installation Assessment of a search for hazardous disposal sites at Fort Rucker (Report No. 305 contracted by HQ TRADOC).

Submitted request for approval of an operational plan to the Alabama Solid Waste Division for spreading nonhazardous digested sewage sludge on the ground at a specified site.

The Hazardous Waste Management Program added to its waste reports the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (SUPER FUNDS). This report required the description and map site location of four (4) waste areas not previously cited.

One thousand three hundred sixty-one kilograms of dichlorodiphenyltrichloroethane, chlorophenothane (DDT) was safely transported off the Installation for disposal. Stocks of DDT had been protected, re-packaged, and stored since April 1972.

Six (6) ground water monitoring wells were installed around the boundary of the sanitary landfill in accordance with Environmental Protection Agency (EPA) specifications. Required sampling has begun by the State of Alabama.

The Lowe Army Airfield purge pond was closed in accordance with EPA and the State of Alabama Hazardous Waste Regulations.

#### SHORTCOMINGS:

The Fort Rucker National Pollution Discharge Elimination System (NPDES) permit application and Compliance Agreement for water pollution abatement construction at US Army Reserve Centers previously submitted were still being processed by the State of Alabama and the US Environmental Protection Agency at the end of CY 81.

We were unable to repair oil interceptors and provide effective education for personnel at user units on the operation of washracks and their oil interceptors. Work plans to repair the oil interceptors have been initiated. The Utilities Division has started revision of an operational SOP that will serve to educate user units.

In-service transformers and capacitors must be continuously inspected for leaks. The sampling and analysis process for identification of those containing PCB was determined to be costly and time-consuming due to the quantities involved (1450 on this Installation). Special funding assistance will be required.

The construction project for a centralized pesticide storage shed and mixing area was reprogrammed for FY 82 and is still unfunded.

## ***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, and 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	Engr Svcs Br Chief	Entire Year
Mr. Larry Herbst	Master Planner	Entire Year
Mr. Roy Powell	Construction Svcs Branch Chief	15 Feb 81 - Present
Ms. Elizabeth Wilkinson	Coordinator of Activities for the Division	Entire Year

ACCOMPLISHMENTS:

The following major construction projects were completed or started in 1981.

<u>PROJECT DESCRIPTION</u>	<u>CONSTRUCTION COSTS</u>	<u>ESTIMATED OR COMPLETION DATE</u>
Aeromedical Research Facility	\$ 7,233,000	Oct 81
Energy Control System ECIP	1,101,000	Mar 82
Vivarium Expansion	463,000	Jan 82
Renovation of Barracks	665,000	Feb 82
Steam Plant Modification	149,000	Jan 82
Radio Control System ECIP	294,000	Jun 82
Family Housing ECIP	149,000	Jun 82
Replace 3 Water Wells (OMA)	993,000	Jun 82
Replace Air Conditioning & Heating Systems (OMA)	257,000	May 82
Repair Sluice Gate, Lake Tholocco (OMA)	23,000	Feb 82
Install Insulation, Storm Windows, and Weatherstripping	389,000	Oct 82
Electronics Maintenance Shop	528,000	Mar 81
Control Tower - Troy	166,000	May 81
Stagefield Upgrade	2,998,000	Sep 81
Construct Water Well	212,000	Nov 81
TOTAL	\$15,620,000	

During the period 1 January through 31 December 1981, 67 Minor Construction and Maintenance/Repair Contracts, costing \$1,577,400 were completed. There were also 10 work orders costing \$130,000 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	30	\$1,132,200
USAR	30	134,300
Class II	5	179,000
Family Housing	2	131,900
SUB-TOTALS	67	\$1,577,400
A/E Work Orders	10	130,000
TOTALS	77	\$1,707,400

Construction was a major activity at Fort Rucker and USAR support area in 1981. There was a total of \$15,620,000 in major construction underway or completed in 1981 and 67 OMA and minor construction projects completed at a cost of \$1,707,400 for a grand total of \$17,327,400.

## ***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. Maintains and operates the Integrated Facilities System. Supervises the facilities 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	Ch, Budget Accounting and Statistics Branch	Entire Year
Ms. Bettye W. Pechtel	Ch, Work Reception and Scheduling Branch	Entire Year
Mr. James B. Starling	Ch, Estimating and Facility Inspection Branch	Entire Year
Mr. James C. Rhoades	Ch, Management Engineering and Systems Branch	Entire Year

### ACCOMPLISHMENTS:

As a result of effective prior planning and preparatory work, DFAE was able to take advantage of migratory year-end funds to accomplish work by contract which could not be done within the DFAE funding program. The assigned Maintenance of Real Property Floor was \$5,493,200; whereas, actual accomplishment amounted to \$9,291,100. The assigned Backlog of Maintenance and Repair Floor was \$800,000; whereas, actual accomplishment amounted to \$2,977,000.

An in-house review and analysis of DFAE operation program was implemented during 1981. This included conducting work sampling studies in all the craft areas. The average craft shop productivity was increased six percent by implementation of specific recommendations made as a result of the studies.

## ***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. Issue 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. Treadaway	Division Chief	Entire Year
Mr. Luther E. Reynolds	Property Book Officer	Entire Year

ACCOMPLISHMENTS:

On 8 May 1981, Supply and Storage Division converted from a manual supply system to the Facilities Engineering Supply System (FESS). FESS is a standard Army, Class A, automated management information system designed to support the Supply Management and Inventory Operations in the Directorate of Facilities Engineering (FE) at the installation level. The system is a stand-alone system utilizing a mini-computer located in the Supply and Storage Division. FESS has provided a dollar value inventory accounting interfaced with SAILS/ABX plus, as well as on-line line item inventory accounting capability for the FE Supply Operations. Additionally, FESS has interfaced with IFS by providing IFS with material costs by job and job phase.

## ***BUILDINGS AND GROUNDS DIVISION***

MISSION:

Plans and accomplishes maintenance and repair of buildings, structures, roads, railroads, airfields, 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. Robert H. Bridges, Jr.	Chief, Land Management Br	1 Jan 81 - 28 Aug 81
Mr. Millard A. Powell	Chief, Roads & Railroads Br	Entire Year
Mr. William B. Wells, Jr.	Chief, Buildings & Structures Branch	26 Oct 81 - Present
Mr. Charles E. Mayo	Wildlife Management	8 Mar 81 - Present

ACCOMPLISHMENTS:

Repairs to the storm drainage system which were initiated by Buildings and Grounds Division in 1980 were completed by the 46th Engineer Battallion.

A program to replace timber bridges on main roadways with precast concrete bridges bearing on steel piling was initiated in 1973. This program was completed in 1981 by replacing two timber structures; one on Johnson Road and one on Hagen Road.

Resurfacing of pavements on the installation, Cairns Army Airfield, and family housing area was accomplished at a cost of \$256,129.50.

Grounds Maintenance personnel initiated refencing of airfields and completed Cairns Army Airfield, Skelly Stagefield, and Allen Stagefield fences.

Emphasis has been placed on a well organized Preventive Maintenance and Self-Help Program. To this end, renovation of buildings 3904 and 3905 has been started so these buildings may serve as the Self-Help Center. The Preventive Maintenance Section was authorized 15 additional positions in lieu of borrowed military manpower. This provides a Preventive Maintenance Section workforce of 22 maintenance workers which is divided into two-man teams operating in designated areas for more efficiency.

The Forestry Section continued the tests of the herbicide VELPAR, which was started in 1980. Contract application is planned for 1982 subject to approval of the Armed Forces Pest Management Board. The continuous forest inventory which started in 1980 was continued in 1981.

Parcours Lake was officially opened for fishing on 5 Sep 81.

SHORTCOMINGS:

The Self-Help and Preventive Maintenance Programs for 1981 were not adequate due to lack of personnel and facilities. However, with renewed efforts to invigorate the programs, as cited in accomplishments above, it is anticipated that considerable improvement will be shown in 1982.

## ***FIRE PREVENTION AND PROTECTION DIVISION***

MISSION:

Advises the DFAE 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 Prev	Entire Year

ACCOMPLISHMENTS:

The Fort Rucker Fire Department conducted 6,042 on-post fire inspections (inspected 548 sprinkler and alarm systems and serviced 8,656 fire extinguishers) during 1981. This activity responded to twelve mutual aid responses at the request of Daleville and Ozark. This was an increase of three from 1980.

During 1981, there were 7,320 personnel who attended 104 classes and demonstrations emphasizing what 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.

Ninety fires occurred during 1981. Four were classified as reportable. Army dollar loss amounted to \$5,509 (a \$20,100 decrease from last year). Four fires (two structural, and two forest fires) were reported to higher headquarters.

Two fire stations converted from a 40-hour work week to a 54-hour work week, resulting in overtime savings and additional flight time.

During 1981, the Fire Department received a new commercial rescue vehicle.

SHORTCOMINGS:

Five stagefields, viz. Longstreet, Wolfpit, Louisville, Highfalls and Troy, do not have fix-truck shelters. Problems are being experienced with waterlines freezing, rendering the trucks non-operational. Efforts will be continued to program for shelter construction in these areas.

## ***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	Energy Management and Control Branch	5 Jul 81 - Present
Mr. Guy P. Dunnivant	Mechanical Branch Supervisor	3 Aug 81 - Present
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
Major John E. Murphy	Energy Conservation Officer	Entire Year

ACCOMPLISHMENTS:

The computerized Energy Monitoring and Control System (EMCS) contract was awarded and construction started during Calendar Year (CY) 79. The hardware for this system was installed during CY 80 and software was completed during CY 81. This system costs in excess of \$1,000,000, but this cost will be self-liquidating through savings in energy usage and manpower requirements. The EMCS has tremendous potential for improving preventive maintenance programs as well as reducing energy usage.

A Master Energy Plan was developed for this installation by Black and Veach, Consulting Engineers. A number of energy conservation projects were developed as a result of this study, and the EMCS was the first to be implemented. Other projects resulting from this study and now under construction include Steam Plant Modifications for improved efficiency; Insulating, Weatherstripping, and Storm Windows in temporary Buildings; and FM Radio Control System for Family Housing air conditioning units. Another project resulting from this study, the Solid Waste Burning Incinerator Facility, was 100% designed and has been funded with FY 82 funds.

The Energy Monitoring and Control Branch has been staffed and made operational on a 24-hour, seven-days-per-week basis. Functions of this branch are to conserve energy through monitoring and control, economize on kilowatt demand charges through loadshedding, conserve on manpower, and provide increased operational efficiency through equipment monitoring.

The Energy Conservation Program, administered by the Utilities Division with Directorate and Command emphasis, was exceptionally successful during FY 81. The installation was number one in TRADOC on energy saved with a record 8.2% below the TRADOC revised goal. As a result of this savings, the installation will receive \$877,000 in cost avoidance funding to use at the Command's discretion in FY 82.

## ***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
Major James H. Wheeler	Deputy Chief, Housing Division	Entire Year
Miss Patricia A. Sales	Chief, Family Housing Branch	Entire Year
Ms. Annette S. Mosley	Chief, Billeting Branch	26 Jan 81 - Present
Mr. James R. Smith	Chief, Furnishings Management Branch	1 Jan 81 - 15 Oct 81
SFC Lowell D. Tharpe	Chief, Furnishings Management Branch	15 Oct 81 - Present

ACCOMPLISHMENTS:

During 1981, the Family Housing Branch terminated 910 sets and assigned 910 sets of on-post quarters. This represented a turnover rate of 60.11% during 1981.

The average occupancy rate for all on-post family housing units for the year was 99.43%.

At the end of 1981, the Housing Referral Office (HRO) listing consisted of 6101 units, 5838 rentals and 263 sales. During 1981, HRO processed 2951 service members, 2135 requested assistance and 2068 were housed as a result of HRO assistance.

HRO issued 193 DD 1747's to personnel applying for loans for home purchase during the year.

Since no command approved standards for inspection of off-post rental units existed, the HRO listed 1,767 facilities that had never been inspected for adequacy with new listing being added monthly. Minimum standards and a checklist for inspection of off-post housing facilities were approved 25 Nov 80 and the inspection program for off-post housing was implemented in Jan 81. Since that time, improvements in the quality of housing listed have been made and it is anticipated that this program will reflect continued improvement.

In March 1980, an indepth study of current and long-range strengths by grade category was conducted and those strengths were compared to the existing family housing assets. The study reflected an imbalance of assets in the field grade, company grade, and enlisted categories. As a result, 22 field grade units were reallocated to company grade and 42 company grade units were reallocated to enlisted quarters in April 1981.

During 1981 contracts were awarded for:

Mowing grass, Housing Areas, 1 - 12, Mar 81  
Fertilizing of lawns, Housing Areas 1 - 13, Apr 81  
Application of waterproofing to prevent water seepage in back bedrooms of split level units, Housing Areas 4, 9, 11, and 12, Apr 81  
Interior painting, floor refinishing, and replacement of folding doors, Housing Areas 1 - 13, Jun 81  
Installation of FM Radio Control System on air conditioning units, Housing Areas 1 - 13, Aug 81  
Building maintenance and repair, Housing Areas 1 - 13, Sep 81  
Upgrading of the Post Trailer Park, Sep 81  
Resurfacing driveways, Housing Area 2, Sep 81  
Correction of lawn drainage, Housing Areas 1 - 13, Sep 81

Awarding of these contracts completed an intensive maintenance and repair program which began in 1976, and for the first time ever, completely eliminated all deferred maintenance and repair (DMAR) requirements.

The annual utilization rate for Visiting Officer Quarters exceeded the DA established goal of 65% by 19%. The overall utilization of total facilities was 94%. Utilization by category was as follows:

Visiting Officers Quarters	84%
Senior Enlisted Bachelor Quarters (SEBQ)	92%
Bachelor Officers Quarters (BOQ)	97%
Distinguished Visitors Quarters (DVQ)	43%
Geographical Officers Quarters	97%
Geographical Enlisted Quarters	91%

During Calendar Year 1981, the Billeting Branch supported 20 conferences/symposiums and 233 aviation related training courses. Certificates of nonavailability issued( 2,694) reflect the installation's inability to house programmed incoming personnel.

NAF expenditures in support of Billeting were for purchase of two service vans (initiated in CY 80); one information system for Registration Desk; 335 pairs of drapes; and 44 vacuum cleaners.

Two hundred ninety-four furnishing items were repaired/reupholstered and 1,037 items were turned in to Property Disposal.

The Non-Appropriated Fund (NAF) operated at a loss the first six months of 1981. This was influenced by low service charges ((\$4.00 per day for VOQ and \$5.00 per day (with limitations for multiple occupancies) for DVQ's)) and the hiring of NAF clerical personnel in support of registration, supply, and inspection functions. This situation was corrected in July 1981 when reimbursable contracts for administrative and custodial services provided by these NAF personnel were awarded. Additionally, a service charge increase of \$1.00 per person per day for VOQ/DVQ occupants was affected 1 Nov 81. These two actions assured operating income commensurate with operating expense and provided for programmed capital improvements.

Unfunded requisition authority in the amount of \$206,906 was received for furnishing of 196 enlisted spaces in seven buildings being renovated under Modernization Project 229. Requisitions were submitted and approximately 50% of the furnishings were received during CY 81.

A project began in 1980 to upgrade BOQ furnishings with hotel/motel modular type furniture and was completed in 1981.

A total of \$483,000 was expended during CY 81 in our continuing effort to improve unaccompanied personnel housing (troop barracks and BOQ/SEBQ).

# 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 a 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 (MTOE's), 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

### KEY PERSONNEL

### POSITION

### ARRIVAL/DEPARTURE DATES

COL Frank S. Reece	Director	Arrived 29 June 1981
COL William F. Koehler	Director	Departed 29 June 1981
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

ACCOMPLISHMENTS:

Mr Danny L. Wright attended a Banking/Credit Union Seminar 1-5 March 1981, at USAFAC which provided Banking/Credit Union Liaison Officer Training and discussed the effects of the Monetary Control Act of 1980 upon operations of on-post banking facilities. In addition, centralized banking for non-appropriated funds was a topic of discussion since it dealt with drawing down NAFI deposits in on-post banks and transferring them to the 1st National Bank of Chicago where greater interest returns could be achieved.

Mr Danny L. Wright participated in an Updated Banking/Credit Union Liaison Officer Training Seminar 2-5 August 1981, at Indianapolis. This seminar dealt with the implementation of the first charges to be incurred by on-post banks and their customers, i.e., service members, for Federal Reserve services as provided for in the Monetary Control Act of 1980.

Mr Danny L. Wright attended the Association of Military Bankers Annual meeting 23-25 September 1981, at San Antonio. Purpose of attendance was to remain abreast of changes that on-post banks were going to propose for implementation to recover some of their operational costs for free services being provided military personnel, i.e., instituting a \$1.00 fee for cashing treasury checks for non-account holders.

Colonel Frank S. Reece and Mr George H. Broxson attended a TRADOC meeting 19-21 August 1981, concerning the 1981 fiscal yearend closing process and to discuss implementation of necessary procedures to track funds provided by the Reagan Supplemental.

Colonel Frank S. Reece served as the escort officer for the visit of the Auditor General of the Army, Mr Harold L. Stugart, for the period 30 November - 1 December 1981. The purpose of Mr Stugart's visit was to gain orientation and familiarization of the operations of the Army Aviation Center.

## ***COST ANALYSIS DIVISION***

MISSION:

The Cost Analysis Division 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, and provides cost estimates to the USAAVNC Command Group and TRADOC.

ORGANIZATION:

The authorized strength is five civilians and one military augmentation space; the assigned strength is five civilians and one officer.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr Walter E. Akridge	Chief	Entire Year
CPT Marc Snyder	Cost Analyst Staff Officer	Entire Year
Mr Eugene R. Walton	Commercial Activities Program Manager	Entire Year
Ms Ann Johnson	Assistant Commercial Activities Program Manager	Arrived 17 September 1981

ACCOMPLISHMENTS:

Reports:

On 31 January 1981, the TRADOC Cost Analysis Program (RCS ATRM-159) was furnished to TRADOC. On 14 December 1981, the FY 81 US Army Forces Command (FORSCOM) Analysis of Operational Costs, (RCS AFCO-54), was forwarded to FORSCOM. These reports were used to develop cost estimating relationships and manpower estimating relationships at the USAAVNC.

On 13 October 1981, the FORSCOM Force Modernization/Army 90 Transition, FY 84-88 Modernization Resource Information Submission (MRIS) was prepared and on 2 December 1981, the TRADOC Programing for Force Modernization, FY 84-88, Modernization Resource Information Submission was completed. MRIS is the HQDA program for identifying the operation and support requirements of fielding selected new materiel systems at Ft Rucker.

On 18 November 1981, the FY 83 DOD Base Structure Annex (BSA) was completed. The BSA was prepared independently this year because of the likelihood that the basic document, the Domestic Base Factor Report (DFBR), would be eliminated in 1982.

#### Commercial Activities:

Commercial Industrial Type Activities officially changed its title to Commercial Activities (CA) on 31 August 1981.

Fort Rucker was scheduled to initiate in FY 81 a CA Review of the DIO Function (less ALMD & Proc Div). In August the first step in the review process was started, i.e., preparation of the Commercial Activities Proposed Action Summary (CPAS). The completed CPAS was forwarded to TRADOC in November 1981. The recommendation contained in the CPAS was to postpone all scheduled CA Reviews at Ft Rucker for two additional years due to adverse impact on Consent Decree Compliance. TRADOC had not completed review of the CPAS by 31 December 1981.

Preparation and submission of the FY 81 Inventory of Commercial Activities (RCS-DD-M(A)-1540) were completed in November 1981. The Inventory showed a total of 44 separate functions managed under the CA Program. Sixteen of these functions were totally done In-House, 18 were done In-House with some contract support, and 10 were done totally by contract. Operating cost of the In-House/Contract Support Functions was \$29,671,000 and the cost of the Full Contract Functions was \$49,707,000, plus \$18,298,000 for supplies furnished to contractors and \$1,304,000 in Contract Admin Cost.

#### Studies:

##### Cost Analysis Comparison of Operating Costs of Flight Simulators and Aircraft.

On 29 April 1981, DTD requested DRM to conduct a cost analysis of operating costs at three field sites to support the US Army Synthetic Flight Training System Simulator Utilization and Requirements Study for Fiscal Years 1982-1987. The data collected at Fort Riley (6 July 1981), Fort Hood (26 July 1981), and Fort Belvoir (9 August 1981) were selected for analysis based on pilot density (high, medium, and low range) to provide a representative sampling of data which would be applicable to all field sites.

##### Saudi Arabian Land Forces (SALF) Army Aviation Master Plan (USAAVNC) Training Feasibility Study.

On 12 June 1981, TRADOC requested USAAVNC to evaluate the feasibility of supporting the SALF Aviation Master Plan training concept by identifying required resources such as additional equipment, facilities, and manpower resources from US assets that would be required to meet CONUS training objectives. Since the initial feasibility study tasking, the USAAVNC staff has been working with their TRADOC counterparts to refine the various resource costs of the program.

## ***FORCE DEVELOPMENT DIVISION***

#### MISSION:

Exercises functional responsibility for manpower, organization, force structure and equipment management. 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 was 13 civilians which included one DA Intern, Management Analyst.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr Howell L. Flowers	Chief	Entire Year

ACCOMPLISHMENTS:

Interservice Training Review Organization (ITRO). Manpower requirements were formulated in support of training options 21 - 29 of the ITRO study which evaluated the feasibility of consolidation/collocation of Air Traffic Control (ATC) training of all armed services at one location. Attended ATC Task Group Meeting, 12-16 January 1981, at Randolph Air Force Base, Texas.

Civilian Replacements for Borrowed Military Manpower and Military Diversions. The USAAVNC was allocated 206 civilian spaces to replace borrowed military manpower and military diversions. Of the total 206 spaces, 35 spaces were provided for FY 81 and 171 spaces were allocated for FY 82. Distribution of the civilian allocations was based on the criteria that a soldier would be returned to his/her unit and that near-term readiness would be improved.

Aviator Training Rates Increases. The aviator training rate increase programed in the Program Objective Memorandum was approved for FY 83. Initial Entry Rotary Wing training rate increases from a Warrant Officer output of 808 to approximately 1,013. To support this workload change, the USAAVNC was allocated 214 additional authorizations for FY 83.

## ***INTERNAL REVIEW DIVISION***

MISSION:

Exercises staff supervision over the installation internal review program. Performs internal reviews of appropriated fund activities and audits of non-appropriated fund instrumentalities. Exercises staff supervision and coordinates visits by external audit agencies. Performs quarterly cash verifications and cash level reviews. Prepares quarterly status reports on implementation of audit recommendations and semi-annual reports on major audit/review activities.

ORGANIZATION:

The assigned strength is ten civilians, including two minority journeyman auditors, one minority USAAVNC accountant intern, and one minority employee in the Cooperative Education (CO-OP) Program.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr Don W. Phillips	Chief	Arrived 27 September 1981
Mr Don W. Phillips	Acting Chief	Arrived 19 July 1981
Mr Kenneth D. Barrett	Chief	Departed 14 July 1981
Mr Woodrow J. Farrington	Senior Auditor	Arrived 22 Nov 81
Mr Don W. Phillips	Senior Auditor	Arrived 1 January 1981

ACCOMPLISHMENTS:

Reviews, Surveys, and Visits by the United States General Accounting Office (USGAO):

Review of DOD Management of Unaccompanied Enlisted Housing Program. The review was initiated on 9 January 1981 and completed on 27 May 1981. A report was not issued to Fort Rucker.

Evaluation of Logistical Support System for the Black Hawk Helicopter. The survey was initiated on 6 July 1981 and completed on 7 December 1981. A report was not issued to Fort Rucker.

Audits, Reviews, and Visits by the Defense Audit Service (DAS):

Review of Developmental Research Programs for Selected Army Systems in Support of Close Combat Mission. The review was initiated on 15 December 1980 and completed on 5 January 1981. A report was not issued to Fort Rucker.

Review of DOD Modification and Alteration Program. The review was initiated on 15 May 1981 and completed on 29 June 1981. A report was not issued to Fort Rucker.

Request for Information - UH-1 Avionics Modernization. The request was initiated on 19 August 1981 and completed on 26 August 1981. A report was not issued to Fort Rucker.

Audit of Environmental Differential Pay. The audit was initiated on 2 December 1981 and completed on 3 December 1981. A report was not issued to Fort Rucker.

Audits, Reviews, and Visits by the United States Army Audit Agency (USAAA):

Audit of Operational Testing and Evaluation of Nonmajor Materiel Systems. The audit was initiated 10 September 1980 and completed on 8 May 1981. USAAA issued two reports. One report contained one finding and four recommendations addressed to the Deputy Chief of Staff for Research, Development and Acquisition, Washington, D.C. The other report contained one finding and two recommendations addressed to the Deputy Chief of Staff for Operations and Plans, Washington, D.C.

Audit of the Club System. The audit was initiated on 3 July 1980 and completed on 14 April 1981. The report contained six findings and 18 recommendations.

Survey of Mobilization Station Planning. The survey was initiated on 26 January 1981 and completed on 14 October 1981. The draft report contained two findings and six recommendations addressed to the Deputy Chief of Staff for Operations and Plans, Washington, D.C.

Review of Internal Review Operations. The review was initiated on 20 February 1981 and completed on 11 May 1981. The report did not contain any findings and recommendations, but did contain two observations and three suggestions for improvement.

Survey of Intelligence and Security. The survey was initiated on 14 May 1981 and completed on 3 June 1981. A report was not issued to Fort Rucker.

Audit of Passenger, Freight and Household Goods Movements. The audit was initiated on 13 July 1981 and completed on 4 November 1981. USAAA issued a letter report to Fort Rucker on 7 October 1981 which contained three deficiencies.

Audit of Yearend Buying. The audit was initiated on 14 September 1981 and was still in progress at 31 December 1981.

Survey of the Army's Air Traffic Control Program. The survey was initiated on 13 October 1981 and completed on 29 October 81. A report was not issued to Fort Rucker.

Audit of Industrial Training in Reserve Components. The audit was initiated on 19 November 1981 and completed on 24 November 1981. A report was not issued to Fort Rucker.

SHORTCOMINGS:

One internal review scheduled for accomplishment in the last quarter of calendar year 1981 could not be accomplished because of the large volume of followup reviews/audits, external audit agency liaison and preparation of the followup status report. The review was rescheduled for accomplishment in the first quarter of calendar year 1982.

## **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 Office of Secretary of Defense Productivity Investment Funding (PIF) Program, Productivity Enhancing Capital Investment (PECI) Program, and Quick Return on Investment Program (QRIP). Publishes the Command Performance Summary (CPS) and coordinates the command review and analysis presentation. Administers the management information control system for US Army Training and Doctrine Command (TRADOC) units. Serves as the central coordinating activity at USAAVNC for TRADOC Management Information System (TRAMIS). Compiles actual and projected installation economic impact data.

### ORGANIZATION:

The authorized strength is eight civilians; the assigned strength is eight civilians, including one USAAVNC Management Analyst Intern.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr Harry G. Howell	Chief	Entire Year

### ACCOMPLISHMENTS:

Management Analysis Studies/Surveys. The major management analysis studies/surveys conducted in 1981 were as follows: (1) Installation Word Processing Operations; (2) Processing of Civilian Personnel Placement Actions, OCP; (3) Nonappropriated Fund Activities under Morale Support Activities Division, DPCA; (4) Compiling and Reporting of Civilian Workforce Statistics; (5) Equal Employment Opportunity Office; and (6) Organizational Responsibilities and Procedures for Acquisition and Management of Equipment.

Productivity Improvement Programs. Major emphasis was placed on the Department of Defense (DOD)/Department of the Army (DA) productivity improvement programs in 1981. Two QRIP projects totaling \$10,585 were approved and funded by HQDA. The DA Idea Interchange Program was vigorously supported, with 12 cost-saving actions reported to TRADOC for further dissemination to potential users. Twenty actions, with resultant savings of \$6,364,300, were reported to TRADOC as representative examples of actions implemented by Fort Rucker to enhance operational economy and efficiency.

Review and Analysis/Command Performance Summary (CPS). Based on a recommendation by the USAAVNC Inspector General, the Commanding General (CG) requested that the monthly and quarterly CPS publications be reviewed to eliminate all duplicative and insignificant data. An intensive review in February/March 1981 resulted in the deletion of approximately 125 pages from the publications and other changes to improve their usefulness. The results were approved by the CG on 14 March 1981.

### SHORTCOMINGS:

Mr Benjamin H. Mathis and Mr Clark K. Davis, who were senior management analysts, retired in January 1981. The loss of these experienced analysts, coupled with an above normal training requirement for replacement personnel and career interns, impacted adversely on the Division's capability. Fewer than normal studies/surveys were accomplished and scheduling delays and slippages were more frequent.

## **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/FORSCOM. 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 ten civilians, including one DA Intern, Budget Analyst.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr George H. Broxson, Jr.	Chief	Entire Year
Mr Jerry M. Lindsey	Senior Budget Analyst	Entire Year

ACCOMPLISHMENTS:

Installation Initial FY 81 Budget Contract. The Installation Initial FY 81 Budget Contract, a mutual agreement between the commander of TRADOC and the Installation Commanding General, was signed and transmitted to HQ TRADOC 7 January 1981 and considered a total Operation and Maintenance, Army (OMA) obligation authority of \$178,308,600. The Installation Contract summarized both funding and manpower resources with which the Commanding General agreed to accomplish his stated workload for FY 81.

Budget Execution Review. In March 1981, the Program and Budget Division developed and transmitted to HQ TRADOC the FY 81 BER. The BER was a major budget report that considered the USAAVNC execution experience for the first four months of FY 81 plus a program for the remaining eight months. The BER reflected an OMA hard core fund requirement of \$192,073,900.

Installation Mid-Year FY 81 Budget Contract. The Installation Mid-Year FY '81 Budget Contract was signed and transmitted to HQ TRADOC 23 May 1981 and considered a total OMA obligation authority of \$190,254,600.

Command Operating Budget (COB). In April and May 1981, the Program and Budget Division developed and transmitted to major commands the installation FY 82 COB. The COB, a comprehensive budget report, contained the installation's detailed operating program, provided data to support the Army's apportionment requests; and established the basis for developing annual funding programs.

Draft Installation FY 82 Budget Contract. The Draft Installation FY 82 Budget Contract was transmitted to HQ TRADOC 6 November 1981 and considered a TRADOC OMA obligation authority of \$185,842,600, which was \$23,102,000 less than the USAAVNC stated requirement of \$208,944,600.

FY 81 Budget Actions:

Funding in effect during FY 81 was adequate for mission accomplishment. FY 81 actual obligations were as follows:

<u>APPROPRIATION</u>	<u>AMOUNT</u>
OMA (TRADOC)	\$191,245,109
FHMA	3,301,017
RDTE	1,997,771
RPA	189,635
OMA (FORSCOM)	2,351,091
OMAR	1,402,156
TOTAL	\$200,486,779

FY 83 Budget Actions:

The FY 82 COB furnished TRADOC and FORSCOM in May 1981 considered fund requirements for FY 82 as follows:

	<u>OMA</u>	<u>RPA</u>	<u>FHMA</u>	<u>RDTE</u>	<u>OMAR</u>	<u>TOTALS</u>
TRADOC	\$207,016,800	\$140,000	\$4,030,100	\$2,054,400	\$ -0-	\$213,241,300
FORSCOM	4,437,300	-0-	-0-	-0-	1,462,800	5,900,100
					TOTAL	\$219,141,400

As of 31 December 1981, the TRADOC Installation FY 82 Budget Contract, which outlines objectives to be accomplished within available resources, had not been signed. FY 82 resources made available by the Budget Contract were:

<u>APPROPRIATION</u>	<u>TRADOC</u>	<u>FORSCOM*</u>
OMA	\$188,981,300	\$2,728,700
FHMA	4,480,000	-0-
OMAR	-0-	1,303,000
RPA	157,600	-0-
RDTE	2,442,300	-0-
ASF	61,333,000	-0-
TOTALS	<u>\$257,394,200</u>	<u>\$4,031,700</u>

\*Contract was not required by FORSCOM. Above figures were derived from FAD.

The financed FY 82 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>
<u>FLIGHT (TOTAL)</u>	(1436)	(45)	(14)	(14)	(1509)
Undergraduate	1188	37	12	12	1249
Graduate	248	8	2	2	260
<u>NON-FLIGHT (TOTAL)</u>	(797)	(2)	(1)	(1)	(801)

## ***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 Component Annual Field Training.

### ORGANIZATION:

The authorized strength is two officers, 39 enlisted military, and 111 civilians; assigned strength is 6 officers, 121 civilians, including 10 Nonappropriated Fund personnel, one Worker-Trainee, one temporary employee, one student trainee, and three 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 Walter M. Oberst	Finance Officer	Entire Year
Mr Donald B. Wilson	Deputy Finance Officer	Entire Year
SGM William F. McRae	Chief, Finance Operations	Entire Year
CPT Abraham Scott	Chief, Quality Assurance Branch	Entire Year
Ms Helen B. Kelley	Chief, Quality Edit Branch	Entire Year
Mr Eugene M. Calhoun	Chief, Data Conversion Branch	Entire Year
CPT Dewey E. Wallace	Chief, Pay/Exam Branch	Arrived 1 July 1981
Mr Frank L. Schlager	Chief, Accounting Branch	Entire Year
Mr Joseph T. Pouncey	Chief, Disbursing Branch	Entire Year
Mr Floyd E. Rodgers	Chief, NAFCAB	Entire Year

ACCOMPLISHMENTS:

A Class B Agent Office was operated at Camp Shelby, MS, during the period May - August 1981. Disbursements made to Army Reserve and National Guard personnel at Camp Shelby amounted to \$9,178,463.82.

The FY 81 yearend closeout was accomplished in September/October 1981 with no difficulties encountered.

During December 1981, Christmas partial payments were made to 350 military personnel in the amount of \$93,541.00.

Total 1981 disbursements were \$327,406,025.85 and total collections were \$99,898,284.40, resulting in an average daily business of \$1,702,407.61.

Average monthly workloads accomplished included 4,407 travel vouchers processed; 8,111 personal financial records maintained; 22,763 cash payments, collections, checks and bonds; 5,922 commercial invoices; 24,429 military pay changes; and 2,864 civilian personnel paid.

On 5 March 1981, Mr Floyd Rodgers, Chief, NAFCAB was converted from Nonappropriated Fund WA-11 to Appropriated Fund GS-11.

On 5 March 1981, the NAF keypunch section was transferred to Finance & Accounting Division. The three keypunch operators were converted from NAF AS-4 to Appropriated Fund GS-3.

The NAFCAB average monthly operating expense was \$16,008.00. Of this amount, \$10,850.00 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. Seven additional civilian requirements were recognized by TRADOC during 1981 to support installation unique automation projects.

Organization structure consists of the Office of the Chief comprised of the AMO, ADP Systems Security Officer/Deputy, 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:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Steve A. Baber	Chief, AMO	Oct 81 to Present
MAJ Richard W. Jordan	Chief, AMO	Dec 77 - Nov 81
CPT Derek J. Reynolds	ADP Systems Security Off/Deputy	Entire year 1981
Mr. Rex Thompson	Chief, DPC	Entire year 1981
Mr. Thomas R. Long	Chief, Sys Anal & Prg Branch	Entire year 1981
Mr. Billy D. Strickland	Chief, Avn Sys Dev Branch	Aug 81 to Present
Mr. Joseph R. Danford	Chief, Mach Ops Branch	Entire year 1981

## ACCOMPLISHMENTS:

Several actions were initiated to improve ADP support capability including acquisition of "state of the art" Direct Access Storage Devices (DASD), Communication Controller to support teleprocessing applications, Auto Loading Magnetic Tape Units and improved, more reliable terminal devices for Northrop World-Wide Aircraft Services, Inc. (NWASI), Aircraft Maintenance Contractor.

Project to upgrade communication lines supporting Aircraft Maintenance Contractor automated teleprocessing systems was initiated by US Army Communication Command. Upgrade was necessary to achieve compatibility with newer type ADP terminal devices. Projected completion of project is early 1982.

Generated Operating System Executive Software to permit utilization of improved techniques and conventions available in ADP technology. These changes included Disk Operating Systems/Virtual Storage Extended (DOS/VSE) and Operating System (OS) under Virtual Machine (VM) concepts. These actions will allow movement of all OS/DOS/VSE ADP applications to an IBM 4341 Computer System and dedication of an IBM 360/50 to support Department of the Army (DA) standard logistic systems and Major Command (MACOM) extended ADP systems running under Disk Operating System/Enhanced (DOS-E). Fort Rucker is scheduled to undergo conversion to Standard Army Intermediate Logistics System-Extended (SAILS-ABX) in the January - February 1982 time frame.

Study was conducted to provide on-line query and direct data input capability for Office of Civilian Personnel. This capability will permit responsiveness essential to timely processing of personnel actions and management of programs such as the Fort Rucker Consent Decree.

Developed a comprehensive ADP Security Standing Operating Procedure (SOP), incorporating all ADP related security procedures into one volume for easy reference. The SOP received laudatory comments during the annual Inspector General review of AMO operations.

Further advancement to "state of the art" ADP technology was achieved with the installation of a Key-to-Disk-to Tape (KDT) System in Director of Industrial Operations, Supply Division, to support data reduction functions. The KDT System replaced conventional keypunch equipment which was placed in the DA reutilization program for other government agencies potential use.

An ADP terminal was acquired for on-line Director of Facilities Engineering communication with higher headquarters on construction projects.

Expanded workload and growth in dependency on ADP to support installation automation requirements resulted in TRADOC recognition of seven additional manpower requirements for AMO in the areas of Aviation Management Information Systems (AVMIS) and the Fort Rucker Consent Decree. Both these areas have high visibility in Aviation Training Management and compliance with the Equal Employment Opportunity Program (EEO).

The Fort Rucker AMO co-chaired the annual TRADOC Automation Management Officer Conference, together with the AMO from Fort Leonard Wood, MO.

## ***SYSTEMS ANALYSIS AND PROGRAMMING BRANCH***

### ACCOMPLISHMENTS:

In addition to providing continuing maintenance software support to DA and MACOM standard ADP systems, the Systems Analysis and Programming Branch designed, developed and implemented a TDA Civilian Space Analysis System (FACE/SPACE). This top level management report contains data essential to the effective management of civilian manpower resources and has been determined to be the single source for TDA/strength accounting data.

Effected modification to Fort Rucker Automated Consent Decree System to facilitate referral of female job candidates under provisions of Fort Rucker Women's Consent Decree. Automation is utilized extensively to insure compliance with these two Decrees.

Provided software support for mobilization Project PERMEX-82 in the military personnel area. After-action report summarized experiences/shortfalls in mobilization automation procedures.

Developed and implemented training plans in support of ADP Career Intern, Cooperative Education and Junior Fellowship training programs.

## ***AVIATION SYSTEMS DEVELOPMENT BRANCH***

### ACCOMPLISHMENTS:

Conducted study of automation requirements for Director of Training Development. The study resulted in a redesign/reprogramming to incorporate flight hour accounting programs into AVMIS. Benefits of the implemented study included the elimination of one night shift in Data Reduction and more complete and efficient utilization of DA Form 2408-12 data.

Established a comprehensive library of audio/visual training aids for ADP training. The aids are used in the Career Intern, Cooperative Education, and Junior Fellowship Programs conducted by the AMO.

## ***MACHINE OPERATIONS BRANCH***

### ACCOMPLISHMENTS:

Designed specifications and lay-outs for installation of new ADP equipment in the AMO computer facility to facilitate efficiency and ease of operation.

Developed improved specifications for maintenance contract covering government-owned ADPE, to achieve better control and improved responsiveness.

Conducted operational training for personnel in special programs such as Career Intern, Cooperative Education, Junior Fellowship, Worker Trainee and Veterans Readjustment Act (VRA) employees.

# 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 35 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.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC Joseph W. Squire	USAR Advisor/Director	Entire Year
Mr. Milton Doggett	Special Asst. RC Liaison	Entire Year
Miss Martha Wilkes	Program Analyst	Entire Year

## ACCOMPLISHMENTS:

The installation hosted a total of 16 units for annual training, with an aggregate strength of 1,290 personnel. Units included aviation, engineer, medical, a United States Army Reserve school conducting instruction for 120 warrant officers, and smaller units. A total of 41,172 man-days of weekend training was supported. Mobilization Designation program was assigned a total of 57 mobilization designees. Forty-two Individual Ready Reservists (IRR) were hosted for Mobilization Designee Program and 72 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

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 96 enlisted personnel.

Carolina Security Patrol, Incorporated is the contract security guard agency which provides 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 Thomas R. Mann	Deputy Provost Marshal	Dep - 1 Aug 81
MAJ Gregory K. Gandy	Deputy Provost Marshal	25 Aug 81 to Present
CPT Bryan Gorczyk	OIC, Military Police Investigations	1 Jul 81 to Present
1LT Barry S. Karet	PM Operations Officer	Entire Year
2LT Michael R. Nyberg	Asst PM Operations Officer	14 Jul 81 to Present
SFC Ralph E. Reed	Provost Marshal NCOIC	Entire Year
SFC David Scharf	PM Operations NCO	1 Nov 81 to Present
SFC John McClain	NCOIC of Physical Security	Entire Year

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
SFC Robert G. Blessing, Jr.	K-9 NCOIC	Entire year
SSG Dennis M. Harlan	NCOIC of Military Police Investigations	22 Jun 81 to Present

#### ACCOMPLISHMENTS

Fort Rucker military police responded to over 4700 incidents in 1981. Of these 4700 incidents, 999 are listed into four major categories:

Crimes of violence	17
Crimes against property	473
Drug suppression/apprehension	130
Traffic accident investigations	379

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)	2,496
DD Form 1408 (Armed Forces Traffic Ticket)	4,473
DD Form 1805 (Federal Magistrate Ticket)	3,335
DA Form 3946 (Traffic Accident Report)	379
Post driving privilege suspensions	82

The AWOL Apprehension Section traveled more than 20,000 miles throughout 79 counties in the three state area. This resulted in the processing and return to military control of 308 absentees.

The Physical Security Section prepared, conducted, or responded to:

Unsecured building reports	106
Physical security inspections	161
Physical security surveys	27
Alarm activations	157

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 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	59	45
Larceny	195	447
Possession of Marijuana/ Found Marijuana	200	130

<u>OFFENSE</u>	<u>SUBJECTS IDENTIFIED</u>	<u>CASES</u>
Harassing/Obscene Phone Calls	2	38
Civil Cases	176	174
Housebreaking	15	28

Value of private property stolen and recovered:

<u>STOLEN</u>	<u>RECOVERED</u>
\$27,116	\$9,328

Value of government property stolen and recovered:

<u>STOLEN</u>	<u>RECOVERED</u>
\$24,245	\$19,879

The USAAVNC/Fort Rucker Provost Marshal's Office established a team to visit military organizations and provide them with information related to law enforcement in the Fort Rucker and local communities.

These visits, an integral part of the crime prevention program, inform the units/activities of crime prevention techniques and of regulatory obligations. After conducting a few visits it became apparent that there was a need for expansion of presentations to include programs not directly associated with law enforcement. This expansion included adding representatives from Preventive Medicine Activity, Army Community Services, and Alcohol and Drug Abuse Preventive Counseling Program.

The original team consisted of representatives from the Fort Rucker Resident Agency, 3rd Region USACIDC, Military Police Investigations, Physical Security Section, Military Police Operations, Canine Section, and the Staff Judge Advocate's Office.

Each of the aforementioned team members presents information concerning their responsibilities and at the conclusion of their briefing allots time for a question and answer period. It is during the question and answer period that we find topics of interest to include in future visits and problems that require resolution within specific units.

During fiscal year 1981 all installation units and tenant activities were visited and we plan to continue these visits on a rotational basis to insure that each unit or activity will be visited at least yearly.

The Provost Marshal has assigned one military dog handler and one working dog that is on extended temporary duty from the Department of Defense Dog Center, Lackland Air Force Base, San Antonio, Texas. Since the dog's post certification in January 1981, this office has established policies to obtain the maximum efficiency of the dog while on loan to Fort Rucker. Since his arrival at Fort Rucker, the dog has participated in 88 searches and/or inspections which resulted in 43 drug finds. Another important utilization of the dog is in patrolling parking lots, training fields, airfields, and isolated areas, in which he serves as a psychological deterrent to would-be violators of the law. The dog and handler have accumulated 536 hours in these endeavors.

A juvenile safety program was established to develop better relations between military police and school age children. This program involves a military policeman/woman visiting the school for three afternoons of classes and taking the students on a field trip to the MP station on the fourth day. The program has been a complete success, with all participants benefiting. The classes have been individually oriented to the different age groups.

The Commanding General identified crime prevention as a primary area of concern for fiscal year 1982 in a questionnaire sent to all installation activities. At his direction an organizational effectiveness (OE) meeting was held 12 December 1981, at which time the

Provost Marshal presented statistical data on crime at Fort Rucker. As a result of this organizational effectiveness session and a Crime Prevention Council meeting, the following proactive measures were suggested:

Emphasize marking of property

Increase lighting in high crime areas

Increase crime prevention surveys of housing areas

Publicize recovery of property

Heighten awareness and reporting of crime by post personnel

# OFFICE OF ACCIDENT PREVENTION



## MISSION:

Reduce and keep to a minimum accidental manpower and monetary losses, 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.	Chief	Entire Year
CPT Richard L. Gill	Chief, Aircraft Accident Investigation Board	13 Apr 81 - Present
CPT James R. Kincaid, Jr.	Chief, Aircraft Accident Investigation Board	1 Jan 81 - 6 Apr 81

## ACCOMPLISHMENTS:

Accident statistical rates reflected minor increases at Fort Rucker during 1981 generally because of the outstanding success in accident prevention enjoyed during 1980. However, in comparison with the Department of Army rates for fiscal year 1981 Fort Rucker reflects a significant reduction in all categories of accident rates. The following table reflects the comparative rates:

	<u>DA</u> <u>FY 81</u>	<u>Ft Rucker</u> <u>FY 81</u>
Army Class A aircraft mishap rates per 100,000 hours flown	2.63	1.22
Military disabling injuries per 200,000 manhours of exposure	0.24	0.15
Army civilian disabling injuries per 200,000 manhours of exposure	0.92	0.63
Army motor vehicle accidents per 1,000,000 miles driven	4.48	2.49

Standard Army Safety and Occupational Health Inspections (SASOHI) were made of all USAAVNC units, activities, and facilities; all Tenant organizations; and all USAR units located within the Fort Rucker assigned geographical area of responsibility. The quality of these inspections was generally judged to be excellent. The command was verbally commended at the TRADOC/FORSCOM Safety Conference for those inspections made of the USAR units and cited to the other installations as an example to be followed.

All Occupational Safety and Health Act (OSHA) category 1 and 2 hazards identified, with the exception of two recently identified ones, have been corrected or work is underway to complete them. TRADOC has promised funding of \$30,700 for use in correcting the newly identified category 2 hazards. In addition, TRADOC has promised funding of \$32,500 for correction of eight category 3 hazards and this command has submitted additional justification to TRADOC for \$36,100 more for correction of other category 3 hazards.

## SHORTCOMINGS:

Although the statistical rates presented under accomplishments compared well with DA, these rates were a disappointment compared with the Fort Rucker rates accomplished during 1980. The reasons/causes for this lack of success were not easily identified; however, efforts have been taken to get back on the 1980 track. Such efforts as the Safety Action Plan by the command should assist in accomplishing this goal.

# INSTALLATION SECURITY, PLANS AND OPERATIONS (ISPO)



MISSION:

Responsible for monitoring, coordinating and directing all Installation level activity in:

Military intelligence, counterintelligence and security.

Emergency and contingency planning and execution.

Operational activities involving two or more major installation organizations.

ORGANIZATION:

The ISPO is organized under a supervising Chief with three subordinate action offices, to include: Security, Plans and Operations.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC James R. Mellish	Chief, ISPO	5 Feb 81 - Present
Mr. Marion E. Hill	Chief, Security	All of 81
Mr. William G. Parsons	Security Specialist	All of 81
Mr. Donald L. Cline	Chief, Plans	All of 81
MAJ Joseph L. Zeller	Mobilization Planner	30 Oct 81 - Present
Mrs. Joyce S. Johnson	Deployment Planner	All of 81
Mr. Jack W. Diggs	Deployment Planner	Dep - 10 Sep 81
MAJ Robert A. Eggleston	Chief, Operations	All of 81
CPT George A. Heneveld	Operations Officer	All of 81

ACCOMPLISHMENTS:

During this calendar year, the Intelligence Office processed 294 Personnel Security Investigations; issued and/or validated 3,748 security clearances, conducted 5,946 local files checks; prepared 76 classified reports required by AR 381-155 (U); conducted 47 security inspections; and received, handled, and stored 3,658 classified documents.

Plans Office prepared and executed a number of contingency, emergency and mobilization plans during calendar year 1981. Numerous severe weather warnings were disseminated by telephone and on two occasions the Emergency TV Notification System was utilized during duty hours to keep Fort Rucker personnel apprised of severe weather situations. Periodic tests of radio communications and Emergency TV Notification System were conducted along with weekly "growl" and monthly "full scale" tests of air defense warning sirens. Specifically, Plans Office accomplished the following:

Submitted Mobilization Exercise (MOBEX) 80 After Action Report to Army Readiness and Mobilization Region (ARMR) IV on 13 January 1981. This report identified those items/problems surfaced during MOBEX 80.

On 14-15 February 1981, conducted a weekend mobilization/deployment briefing for three Reserve Component (RC) units (348th Engineer Battalion (En Bn), 844th En Bn and 96th En Bn). The Fort Rucker staff briefed their functional areas.

Submitted United States Army Aviation Center (USAAVNC) Annual Ridesharing Transportation Report on 24 February 1981. It reflected that 18% of assigned military/civilian personnel were participating in energy conservation through carpooling.

During the period 2-4 March 1981, selected Fort Rucker personnel participated in ARMR IV's semi-annual Mobilization Conference at Atlanta, GA. ISPO Plans Office presented a briefing on Fort Rucker's MOBEX 80 operations actions to the conference.

An Army Audit Agency Team surveyed mobilization planning at Fort Rucker from 23 March - 11 May 1981 to determine if the subject area required an Army wide audit. Comments provided at the outbriefing indicated that an audit would not be recommended.

Supplemented US Army Training and Doctrine Command (TRADOC) Letter of Instruction (LOI) - Rapid Deployment Force - Army (RDF-A) Critical Personnel Shortages on 14 May 1981. The supplement established procedures for identifying Preparation for Overseas Replacement (POR) qualification and for reporting TRADOC personnel assets required to meet RDF-A fill requirements as provided by Military Personnel Center (MILPERCEN)/TRADOC, should the RDF-A be deployed.

In May 1981, developed and submitted to US Army Forces Command (FORSCOM) revised Reserve Component Unit Mobilization Dates (MDATE), Mobilization Origin Departure Dates (MBODD), and Mobilization Station Arrival Dates (MBSAD) for the 91 Reserve Component units scheduled to mobilize at Fort Rucker. These dates were determined based on the Aviation Center's capability to in/out process and meet deployment schedules.

A Department of the Army Inspector General (DAIG) Inspection Team visited Fort Rucker 27-30 July 1981. Their purpose was to appraise whether the United States Army (Fort Rucker) could mobilize and simultaneously expand the training base and to identify systemic problems associated with this mobilization effort. Exit briefing did not require any corrective actions by Fort Rucker.

The Emergency Operations Center (EOC) was operational on an as required basis during the period 15 August - 2 September 1981 in support of 427th MD Co's participation in Return of Forces to Germany (REFORGER) 81. Plans Office submitted Deployment Employment Mobilization Status (DEMSTAT) reports and message traffic via the World Wide Military Command and Control Entry System (WES) terminal to FORSCOM and other installations in support of this move.

On 30 August 1981, the EOC was activated in response to a FORSCOM message alerting the 416th Transportation Company (TC) to participate in an Outside Continental United States (OCONUS) No-Notice Deployment Exercise GOLDEN THUNDER III. Upon receipt of the execute order on 1 September, 416th TC followed a modified notification (N) hour sequence in order to deploy within a 48 hour time frame. Headquarters FORSCOM provided an evaluation team to observe the installation support and 416th TC actions at Fort Rucker and Departure Airfield Control Group (DACG) operations at Fort Benning. Plans Office submitted DEMSTAT reports via the WES terminal to FORSCOM. An after action report was submitted to FORSCOM on 23 November 1981.

A Command Post Exercise (CPX) POTENT PUNCH 81 was conducted during the period 13-18 September 1981. Fort Rucker's EOC was manned with essential staff representatives, received all Automatic Digital Network (AUTODIN) and WES message traffic and responded to CPX actions required to mobilize and deploy a relatively small force.

Registered Company D, 229th Aviation Battalion, into the Unit Status and Identity Reporting System (UNITREP) with an effective date of 16 September 1981. Also entered a transaction to inactivate C Troop, 1/16 Cavalry effective 16 Sep 81.

On 17-18 October 1981, conducted second biannual Reserve Component Mobilization Coordination Conference with those units scheduled to mobilize at Fort Rucker. Of the 91 units scheduled to mobilize here, 86 units were represented, with a total of 119 personnel. Observers from higher and adjacent headquarters totaled 32. A Fort Rucker developed Time Line Chart for each mobilized unit was well received by the attendees. This document provides the RC unit commander with known information concerning mobilization and deployment activities and provides a means for the RC unit commander with known information concerning mobilization and deployment activities. It also provides a means for the RC unit to backward plan detailed activities based on time available. On 1 December 1981, this information was forwarded to RC units for further refinement and to USAAVNC staff and higher headquarters for initial support planning. A detailed After Action Report was published 20 November 1981.

Attended ARMR IV Mobilization Conference 26-29 October 1981 at Atlanta.

Throughout the year, received and distributed various volumes of the Army Mobilization and Operational Planning System (AMOPS), FORSCOM Mobilization and Deployment Planning System (FORMDEPS) and TRADOC Mobilization Operational Planning System (TMOPS). Guidance contained is being utilized to update the Fort Rucker Mobilization and Operational Planning System (RMOPS).

During 1981, Plans Office personnel responded on five separate occasions to severe weather warnings. This required that personnel man the Emergency Operations Center should weather conditions necessitate the notification of Fort Rucker personnel utilizing preemptive television capability. Also, personnel were immediately available should injury or damage occur and installation support be required.

The United States Army Aviation Center conducted five Emergency Deployment Readiness Exercises (EDRE) during 1981 for the following United States Army Forces Command units: 46th En Bn, 427th Medical Company, 108th Quartermaster Company, 416th TC and 91st En Detachment. The purpose of EDREs is to evaluate the unit's ability to deploy within a specified time frame and to evaluate the installation's capability to support this move.

Seven Mobilization Planning Committee meetings were conducted during calendar year 1981 in response to various installation mobilization activities.

The following Plans, Standing Operations Procedures (SOPs) and regulations were revised or published in 1981:

Consolidated Reserve Component Mobilization Support Requirements Data Sheets, 5 Jun 81.

Communications Security (COMSEC) Emergency Plan, 3 Dec 81.

Draft USAAVNC Plan for Discontinuance of Contract Security Services, Jun 81.

Hurricane Alert and Evacuation Plan, 8 Jun 81.

Mobilization Emergency Operations Center (EOC) SOP, 26 May 81.

Mobilization SOP's, 8 Jul 81.

Mobilized Reserve Component Unit Workbook, 8 Jul 81.

SOP for Emergency Evacuation of Classified Material, 18 Nov 81.

SOP for Key Control and Intrusion Detection System (IDS), 18 Nov 81.

SOP for Explosive Ordnance Detachment (EOD) Response to Civil Authorities, 20 Mar 81.

SOP for National Warning System (NAWAS), 3 Feb 81.

SOP for Tactical/Nontactical Radios, 31 Mar 81.

Mobilization Time Line Charts for Reserve Component Units, 1 Dec 81.

USAAVNC Reg 15-4, USAAVNC Mobilization Planning Committee, 13 Aug 81.

USAAVNC Suppl 1 to FORSCOM Reg 525-2, Emergency Deployment Readiness Exercise, 7 Jul 81.

Formal Mobilization Briefings were presented to the following individuals:

Major General Tankersley, Mobilization Designee, Headquarters, Department of the Army, Deputy Chief of Staff Operations, 28 Mar 81.

Major General McNair, Commander, United States Army Aviation Center, 14 Apr 81 and 20 Jul 81.

Colonel Pohly, Chief, Plans and Operations Office, Office of the Chief of Staff, Headquarters, Training and Doctrine Command, 22 Jun 81.

Lieutenant Colonel Sutherland, Office of Inspector General, Department of the Army, 27 Jul 81.

Lieutenant Colonel Cheal, Chief Engineer Team, Redstone Readiness Group, Huntsville, AL, 12 Aug 81.

Brigadier General Turner, Assistant Deputy Chief of Staff, Operations, United States Army Forces Command, 18 Sep 81.

Lieutenant Colonel Skey, United States Readiness Command, McDill AFB, FL, 2 Nov 81.

Colonel Catt, Aviation Coordinator, Army Readiness and Mobilization Region IV, Fort Gillem, GA, 9 Nov 81.

Colonel Elliot, Chief, Mobilization, Department of the Army, 2 Dec 81.

The Operations Office was involved in the following significant actions during 1981:

Assisted a General Service Administration (GSA) Land Survey team during their Jan 81 visit to Fort Rucker. The purpose of the survey was to study the feasibility of excessing unused land at Fort Rucker. The team recommended that no additional land be excessed from Fort Rucker at this time.

The Operations Office assumed point of contact and action office proponency for the Saudi Arabian Land Forces Army Aviation Program (SALF AAP). A major training feasibility effort was undertaken on the SALF AAP training support package, projecting an implementation date of Jul 82 and continuing thru 1989. Three feasibility studies were conducted. The first study addressed assets needed to support the program over and above already planned training support to the Aviation Center. The second addressed assets needed to support the program using maximum civilian contract options. The third was an update and refinement of earlier estimates plus new proposals for construction and language training options.

The Operations Office assumed overall responsibility for Operational Security (OPSEC) on the Fort Rucker installation. This was in response to a revitalization initiative from DA and TRADOC. The Aviation Center action plan was formulated in January 1981 and a progressive implementation has taken place throughout the calendar year. Some of the major accomplishments were:

OPSEC Staff responsibility was vested in the Deputy Installation Commander (DIC).

The DIC was appointed the Installation OPSEC Committee Chairman.

The Chief, ISPO became Installation OPSEC Officer.

The OPSEC Committee was expanded to include all commands, directorates, tenant organizations and special offices at Fort Rucker.

Implemented a Commanding General's OPSEC Policy Letter program.

Developed a television tape script which will fulfill the annual OPSEC/Subversion and Espionage Directed Against the United States Army (SAEDA) update requirements for assigned personnel.

Developed a procedure for ensuring that OPSEC is considered for inclusion in all training and doctrinal literature.

In October 1981, the Operations Office coordinated installation support for the stop-over of aviation assets of the 101st Airborne Division enroute from Fort Campbell to Joint Training Exercise - BOLD EAGLE, at Eglin Air Force Base, Florida. The force consisted of 185 aircraft and 620 personnel. Shell Army Heliport was utilized as a staging field and support personnel were drawn from DOTD and 1st Aviation Brigade.

The Operations Office assumed installation point of contact responsibility for all off post tasking of installation personnel. This action was directed by the Chief of Staff in

order to establish an audit trail of requirements and to equitably distribute requirement among all installation organizations.

The ISPO was appointed the interface between the US Army Aviation Museum Foundation, Incorporated and the Center Staff to coordinate requirements and assistance for construction of a permanent museum facility. To date, a permanent site has been designated and definitive space requirements stated through 1990.

# DETACHMENT 9, 5TH WEATHER SQUADRON

## MISSION:

Detachment 9 provides operational 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.

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 prognoses from the National Meteorological Center in Washington, DC, and from the Air Force Global Weather Center at Offutt AFB, Nebraska. A Unifax II GOES Receiver prints a photographic satellite picture every thirty 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. This alignment is as directed by the joint AR 115-10/AFR 105-3, Meteorological Support for the US Army. 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.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Maj Kenneth F. Persin	Commander	Entire year
Lt Duane L. Mohr	Staff Weather Officer	DEP - 30 Aug 81
Lt Kathy M. Long	Staff Weather Officer	ARR - 8 Jun 81
MSgt Ronald T. Cook	Station Chief	DEP - 1 May 81
MSgt Billy D. Longgear	Station Chief	Entire year
SSgt James B. Bennett	Chief, Administration	Entire year

## ACCOMPLISHMENTS:

In June 1981, Detachment 9's newest telecommunications system was installed. The Unifax II GOES Receiver is capable of receiving, recording, and printing an infrared or visual satellite picture of the CONUS or hemispheric weather patterns, thus greatly assisting in both long and short range prognoses. They are also valuable as briefing aids.

Operational weather support was provided to many participants in BOLD EAGLE '81 (October, 1981), as they stopped at Fort Rucker enroute to Eglin AFB, Florida.

One Detachment 9 member, TSgt Robert W. Plude, participated in BRAVE SHIELD '81 (April and May, 1981) at Hurlburt Field, Florida.

Throughout the 7th Annual Euro/NATO Symposium (November, 1981) general weather forecasts and outlooks were provided by Detachment 9 to ensure its success.

USAAVNC Regulation 115-1 was rescinded during 1981, and 115-2 (Weather Support) was revised in October, 1981.

Procedures for toxic corridor incidents were defined and implemented during 1981.

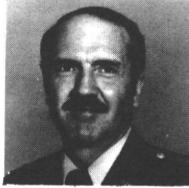
18,726 outbound pilot briefings (DD Form 175-1) were given during 1981.

Forecasters prepared and presented 2,278 closed circuit television weather briefings.

452 terminal and area MET-WATCH advisories were issued for the local flying area.

64 point weather warnings were issued for the 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, 229th Attack Helicopter Battalion.

### KEY PERSONNEL

### POSITION

### ARRIVAL/DEPARTURE DATES

Colonel David J. Allen	Brigade Commander	Entire Year
LTC Paul L. Joplin	Deputy Brigade Commander	Entire Year
Major John D. Cutting	Brigade S-1	Entire Year
Major Michael O. Magno	Brigade S-2/3	Dep - 22 Dec 81
Major Donovan R. Cumbie	Brigade S-2/3	21 Dec 81 to Present
Major John R. Robinson	Brigade S-4	Dep - 7 Nov 81
Major Richard C. Cashon	Brigade S-4	1 Oct 81 to Present
CSM Harry B. Scribner	Command Sergeant Major	Entire Year

## ACCOMPLISHMENTS:

The 1st Aviation Brigade's monthly Blood Drives collected in excess of 4,100 pints for the citizens of the Tri-state Region.

The 13th Annual Association of the United States Army (AUSA) Junior Reserve Officer Training Corps (ROTC) Rifle and Drill Competition was held on 11 April at Guthrie Army Airfield.

The 1981 District Special Olympics was conducted on 18 April at the Physical Fitness Center with participants from Barbour, Coffee, Dale, Geneva, Pike and Henry Counties.

The 1st Aviation Brigade provided a brigade size parade for the 38th Annual National Peanut Festival held 24 Oct in Dothan.

The 1st Aviation Brigade supervised the deployment of elements of the 416th Transportation Company, the 427th Medical Company (AMB), and D Company, 229th Attack Helicopter Battalion to REFORGER in October.

The 1st Aviation Brigade conducted two sportsfests, one in May and one in November, providing the opportunity for over 3,000 Brigade personnel to compete in numerous athletic events.

The 1st Aviation Brigade supervised and evaluated five Emergency Deployment Readiness Exercises in 1981.

# 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

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>	
LTC Kenneth D. Loveless	Cdr, 1st Bn	Entire Year	
MAJ John E. Hall	XO, 1st Bn	14 Dec 81	
MAJ Julian T. Marsh	XO, 1st Bn	17 Jun 81	14 Dec 81
CPT(P) James C. Kennedy	XO, 1st Bn	2 Mar 81	17 Jun 81
MAJ Matthew A. DeMaria	XO, 1st Bn		2 Mar 81
CPT Ronald E. Travers	S3, 1st Bn		31 Dec 81
1LT Mary L. Dobbins	Adj, 1st Bn	21 Sep 81	
CSM Hulon J. Jackson	CSM, 1st Bn	2 Nov 81	
CSM William P. Bennett	CSM, 1st Bn		2 Nov 81
MSG Emil P. Adkins	Opns NCO	11 May 81	
MSG(P) James R. Chatman	Opns NCO		2 Mar 81
SFC John Harrell	PAC Supv	17 Aug 81	
SFC David J. Jacobson	PAC Supv		17 Aug 81
SFC Clarence Stoudemire	DF Mgr	21 Jul 81	
MSG Edward Kryzwicki	DF Mgr		21 Jul 81
SSG Thomas Eads	Reenlistment NCO	1 Apr 81	
SSG Jess W. Davis	Reenlistment NCO	23 Feb 81	1 Apr 81
CPT Bruce R. Hill	Cdr, 11th Co	11 Sep 81	
CPT Henry L. Hansen	Cdr, 11th Co		11 Sep 81
1LT Calvin V. Olds	XO, 11th Co	Entire Year	
1SG Phillip D. Ridings	1SG, 11th Co	4 Mar 81	
SFC Danny K. Hunter	1SG, 11th Co		4 Mar 81
SSG James J. Fox	NCOIC Trans Det	29 Jun 81	
CPT Russell A. Gallagher	Cdr, 12th Co	12 Aug 81	
CPT E. Gary Campbell	Cdr, 12th Co		12 Aug 81
2LT Bonnie Covert	XO, 12th Co	16 Nov 81	
1SG Emory C. Wickline	1SG, 12th Co	12 Jan 81	
1SG Norman E. Pastre	1SG, 12th Co		12 Jan 81
CPT William G. Ackerly	Cdr, 13th Co	11 Dec 81	
CPT Daniel L. Kinzly	Cdr, 13th Co		11 Dec 81
2LT Shirley R. Whitfield	XO, 13th Co	21 Sep 81	
1SG Calvin L. Dixon	1SG, 13th Co	Entire Year	
CPT Alvin R. Sneckenberger	Cdr, 14th Co	10 Apr 81	
CPT Jesse M. Danielson	Cdr, 14th Co		10 Apr 81
1SG Billy R. Smith	1SG, 14th Co	9 Jan 81	
1SG William R. Lee	1SG, 14th Co		9 Jan 81
CW4 Victor F. Owens	Bandmaster, 98th AB	25 Mar 81	

CW2 Luther E. Murphy	Bandmaster, 98th AB		16 Mar 81
SFC Lawrence Suino	1SG, 98th Army Band	10 Sep 81	
MSG Haywood Sellers	1SG, 98th Army Band		10 Sep 81
CPT Robert H. Wood	Cdr, 141st MP Co	Entire Year	
2LT Betty Gieseke	XO, 141st MP Co	18 May 81	
1SG Ed Smith	1SG, 141st MP Co	Entire Year	
CPT Philip D. Riddle	Cdr, 260th FA Det	20 Nov 81	
CPT Charles D. Shelton	Cdr, 260th FA Det	6 Mar 81	20 Nov 81
CPT Todd R. Jones	Cdr, 260th FA Det		6 Mar 81
2LT Sean P. McCaffrey	XO, 260th FA Det	28 May 81	
SFC Max E. McLeod	1SG, 260th FA Det	4 Dec 81	
SFC Joe D. Caldwell	1SG, 260th FA Det		4 Dec 81
CPT William L. Driver	Cdr, Co C, 509th IN	25 Jun 81	
CPT Russell J. Holden	Cdr, Co C, 509th IN		25 Jun 81
1LT Joseph Dumas	XO, Co C, 509th IN	15 Dec 81	
1LT Lloyd L. Luedtke	XO, Co C, 509th IN	15 Jan 81	5 Jun 81
1LT Mikel J. Peeler	XO, Co C, 509th IN		24 Jan 81
2LT Thomas J. Bobowski	Plt Ldr, Co C, 509th IN	22 Sep 81	
SFC Jimmie L. Jones	1SG, Co C, 509th IN	6 Oct 81	
1SG Michael B. Smith	1SG, Co C, 509th IN	1 Mar 81	6 Oct. 81

ACCOMPLISHMENTS: 1ST QUARTER

- a. 11th Co - PFC Laura Fludd was selected as the Battalion and Brigade Soldier of the Month (SOM) for March 1981.
- b. 12th Co - The unit had the highest reenlistment rate for the 1st Bn for the 1st Qtr. The unit marched in the monthly review for February which was held in honor of MG (Ret) James C. Smith.
- c. 13th Co - The unit men's basketball team won the National League Championship Trophy. SGT Delio Carmona was selected as the Battalion, Brigade, and Post Noncommissioned Officer for the month of February. The unit provided color guards for the Alabama Rattlesnake Rodeo and for the Department of Flight Training (DOFT) Dining-In.
- d. 14th Co - SP4 Charles R. Grimes and SGT Charles L. Mahone were selected as unit Soldier and Noncommissioned Officer for the month of February. SP4 Cecelia Villatora and SGT Joe B. Henderson were selected as unit Soldier and Noncommissioned Officer for the month of March.
- e. 98th AB - The 98th Army Band participated in six flybys, six swearing-ins, six graduation balls and five graduations. In addition the Band performed at the following events:
- 30 Jan 81 - Post Retirement Review, HQ Parade Field
  - 5 Feb 81 - NAACP Parade, Enterprise, AL
  - 9 Feb 81 - Boy Scout Awards Ceremony, Enterprise, AL
  - 10 Feb 81 - Black History Week Kickoff, Ft Rucker Rec Center
  - 24 Feb 81 - Jr. ROTC Ceremony, Crestview, FL
  - Jr. ROTC Ceremony, Baker, FL
  - 27 Feb 81 - 8-pc Combo, CG's Reception, Ft Rucker Officer's Club
  - Post Retirement Review, HQ Parade Field
  - 5 Mar 81 - TRADOC Basketball Opening, Ft Rucker Physical Fitness Center
  - 7 Mar 81 - Rattlesnake Rodeo Parade, Opp, AL
  - 14 Mar 81 - 8-pc Combo, Jr. ROTC Ball, Eglin AFB, FL
  - 24 Mar 81 - 8-pc Combo & Stageband, High School Concert, Cottondale, FL
  - 27 Mar 81 - Post Retirement Review, HQ Parade Field
- f. 260th FA Det - The unit fired 608 rounds of high explosive (HE) and 693 rounds of illumination in support of aviation training. In addition the unit fired Retreat on 30 Jan, 27 Feb, and 27 Mar and a 13-gun salute in honor of MG (Ret) James C. Smith.
- g. Co C 509th IN - On 27 Feb 81, SSG David D. Heumann was awarded the Army Commendation Medal. The unit held a Jump Fest on 28 Mar at Ech Stage Field. SP4 Laurence J. Thomas was selected as the Battalion Soldier of the Month for March.

h. 141st MP Co - Unit won the Best Barracks competition for the 1st Bn.

ACCOMPLISHMENTS: 2ND QUARTER

a. 1st Bn HQ - On 15 May the refurbished 1st Bn Reenlistment Office was opened for business. On 27 June CPT(P) James C. Kennedy received the Meritorious Service Medal.

b. 11th Co - The unit volleyball team was undefeated during intramural and championship play and won the Post Intramural Championship. The unit officially retired volleyball jersey number 21, which was worn by SP4 Faapeapea K. Alealua. The unit had 61 SM's participate in the Spring Sportsfest. The unit finished in 6th place in Men's competition and 11th place in Women's competition. The 1st place winners were Men's Volleyball Team; SP5 Ward, 200m run; and SP4 Jenkins, long jump. The unit placed 2nd in the Intramural Bowling League and 3rd in the 1st Battalion AER Softball Tournament.

c. 12th Co - The unit participated in the Spring Sportsfest. The unit had individual class winners in Boxing and Weightlifting and unit teams placed second in Softball and the Pistol shoot. SP5 Jeffrey Bauchard was selected as the Battalion, Brigade, and Post Noncommissioned Officer of the Month for April. SP4 Pamela Manning was the Battalion Soldier of the Month for May. SGT Ronald Jackson was selected as the Battalion, Brigade, and Post Noncommissioned Officer for the month of June.

d. 13th Co - The unit completed Annual Weapons Qualification during April. SP4 Cathy J. McKinney and SGT Richey E. Lemcke were selected as Soldier and Noncommissioned Officer of the Month for April. The unit completed the semi-annual PT test during May. SP4 Cathy J. McKinney and SP5 William C. Robbins were selected as Soldier and Noncommissioned Officer of the Month for May. On 13 June, ROTC units from Mississippi and Louisiana toured the unit billets. On 20 June, CPT Daniel L. Kinzly received Gold Wings with Diamond for his 2000th Freefall Parachute Jump. On 26 June, the unit was selected as the Best Marching Unit for the June Retirement Review. The unit placed second in the 1st Bn AER Softball Tournament. SP4 Bill J. Conder and SGT David J. Baumburger were selected as unit Soldier and Noncommissioned Officer of the Month for June.

e. 14th Co - On 10 April the unit received the Commanding General's Trophy for CY 1980 Intramural Sports. The unit won the Women's Basketball competition in the Spring Sportsfest. SP4 McElroy, Post Soldier of the Year 1980, received the Governor's Trophy during Armed Forces Day Ceremonies at the State Capitol on 15 May 1981.

f. 98th AB - The 98th AB performed at six flybys and swearing-ins, and eight graduations and eight graduation balls. In addition the Band performed at the following events:

- 1 Apr 81 - ROTC Review, Carroll High School, Ozark, AL
- 9 Apr 81 - 8-pc Combo at 46th Engr Bn Dining Facility for Concert
- 11 Apr 81 - Parade, Montgomery, AL
- 18 Apr 81 - Special Olympics Kick-Off, Post Physical Fitness Center
- 19 Apr 81 - Brass Ensemble, Sunrise Service, Lake Tholocco
- 25 Apr 81 - River Days Parade, Geneva, AL
- 30 Apr 81 - Post Retirement Review, HQ Parade Field
- 13 May 81 - 8-pc Combo, 1st Battalion Dining Facility Concert
- 16 May 81 - AER Concert, Post Exchange
- 25 May 81 - Memorial Day Ceremony, HQ Parade Field
- 29 May 81 - Post Retirement Review, HQ Parade Field
- 30 May 81 - DOFT Spring Formal, Ft Rucker Officers Club
- 1 Jun 81 - Army Birthday Ball Rehearsal, NCO Club
- 5 Jun 81 - AAAA Concert, Ft Rucker Officers Club
- 6 Jun 81 - Army Birthday Ball, NCO Club
- 11 Jun 81 - 8-pc Combo, Stage Band, Army Birthday Concert, Rec Center
- 12 Jun 81 - 8-pc Combo, Army Birthday Ball, Pensacola, FL
- 18 Jun 81 - 8-pc Combo, D Co, 229th AHB Organization Day, Lake Tholocco  
AUSA Dinner, Ft Rucker Officers Club
- 26 Jun 81 - Post Retirement Review, HQ Parade Field  
American Heritage Celebration, Chapel of the Flags
- 27 Jun 81 - Celebrate America Parade, Newton, AL  
Closing Ceremony-American Heritage Week, Rec Center

- g. 141st MP Co - Unit conducted 95B SQT. The unit had a 94.7% pass rate.
- h. 260th FA Det - The unit fired 1496 rounds in support of aviation training and unit training. Six hundred thirty-six rounds of illumination and 560 rounds of high explosive were fired in support of aviation training. Three hundred rounds of high explosive were fired in support of unit and C Troop 1/6 Cavalry Training. The unit fired 19-gun salute on 9 and 14 April in honor of General Omar Bradley. The unit fired a 21-gun salute on Memorial Day and Retreat for the April and May Retirement Reviews. The unit received the American Red Cross Certificate of Appreciation for 100% participation in the April Blood Drive. The unit received the Commander's Award for 100% participation in the Spring Sportsfest. The unit received the Battalion Commander's Awards for the Highest Reenlistment Rate and Best Barracks in the 1st Battalion.
- i. Co C 509th IN - The unit participated in the Advanced Attack Helicopter Operational Test at Yuma Proving Grounds and Ft Hunter Liggett. The unit won the Best Marching Unit for the April Retirement Review. SP4 Gordon R. Koster was selected as the Battalion, Brigade, and Post Soldier of the Month for May. The unit provided rappelling demonstrations for Army recruiters at Greenville and Jackson, Alabama; and Milton, Jay, and Pace, Florida. On 1 June two Meritorious Service Medals and 16 Army Commendation Medals were presented to members of the unit who participated in DA and JCS directed projects. The unit collected \$1,140 for AER. Four members of the unit conducted a four-day tracking school for the Alabama State Police Academy. The unit completed the SQT with a 97.7 mean score. Twenty-four SM received a 100.

ACCOMPLISHMENTS: 3RD QUARTER

- a. 11th Co - A change of Command was conducted on 11 Sep 81. CPT Bruce R. Hill assumed command from Henry L. Hansen. The unit NCO and Soldier of the Month for July were SP5 Gloria D. Birgans and SP4 Carolyn Bradley. Soldiers of the Month for August and September were SP4's Tammy Jacobs and Michelle Bourdua. Members of the unit participated in the Brigade Weightlifting, Swimming, and Track and Field Meets. SP5 William Ward placed first in the Men's 200 and 400m runs in the Track and Field Meet. SP4 David Hudapp and PFC Leonardo Hill placed 2nd and 4th respectively in their weight classes in the Weightlifting Meets. The unit color guard performed in the July and September Monthly Reviews and the Pensacola, Florida, Seafood Festival.
- b. 12th Co - A Change of Command was conducted on 12 Aug 81. CPT Russell A. Gallagher assumed command from CPT Emory G. Campbell. The unit Annual General Inspection (AGI) was conducted on 27 Aug 81. There were no major deficiencies. SP5 McRae was selected as the Battalion, Brigade, and Post NCO of the Month for July. The unit placed 2nd overall in the Brigade Swim Meet.
- c. 13th Co - Unit teams won the Post Golf Championship and 3rd place in the Summer Bowling League. SP4 Jacquelyn M. Cutts and SSG Arthur G. Miller were selected as the unit Soldier and NCO of the Month for July. SP4 Cathy J. McKinney and SSG Gene M. Hofley were selected as the unit Soldier and NCO of the Month for August.
- d. 14th Co - SP4 Eric Savage won 1st place in the Men's 110m hurdles in the Brigade Track and Field Meet.
- e. 98th AB - The unit AGI was conducted on 1 Sep 81. There were no major deficiencies. The unit conducted range firing on 15 Sep 81. On 30 Jul the unit performed three functions for Fort Benning, Georgia. During the quarter the unit performed for six flybys, five swearing-ins, graduation balls and graduations. The Band was on mass leave from 6-21 Jul 81. In addition the Band performed at the following events:

- 4 Jul 81 - Independence Day Ceremony, HQ Parade Field  
Fireworks display at rear of PXtra
- 6 Jul 81 - Reception, Officers Club
- 24 Jul 81 - Civilian Awards Ceremony, Rec Center  
CG's Reception, Lake Lodge
- 30 Jul 81 - Farewell Breakfast for MG Grange, Ft Benning, GA  
Infantry Officer Advanced Course Graduation, Ft Benning, GA  
Awards and Retirement Ceremony, Ft Benning, GA
- 31 Jul 81 - Post Retirement Review, HQ Parade Field  
USMA Graduation, Officers Club

1 Aug 81 - Fun Day Parade, Wasau, FL  
 22 Aug 81 - Retiree's Open House, Officers Club  
 28 Aug 81 - Post Retirement Review, HQ Parade Field  
 2 Sep 81 - Departure Ceremony for 427 Med Co, 46th Engr Bn Dining Facility  
 3 Sep 81 - Departure Ceremony for 416 Trans Co, 46th Engr Bn Co Area  
 9 Sep 81 - Truck Rodeo, Guthrie Field  
 18 Sep 81 - Officer's Call, Officers Club  
 19 Sep 81 - Seafood Festival, Pensacola, FL  
 21 Sep 81 - Senior Retiree Volunteer Program, 10th Anniversary, Ozark, AL  
 24 Sep 81 - Troop Entertainment, 1st Bn Dining Facility  
 25 Sep 81 - CFC Kick-Off, Rec Center  
                   Post Retirement Review, HQ Parade Field  
 30 Sep 81 - Land Leaser Appreciation Day, Rec Center

f. 141st MP Co - The unit's AGI was conducted on 28 Jul 81. Unit received a Brigade Commander's Award for repetitively winning Post NCO and Soldier of the Month. SGT Welch and SP4 Cedillo were selected as the Battalion, Brigade, and Post Soldier of the Month and NCO of the Month for August. SGT Manley was selected as the Battalion and Brigade NCO of the Month for September and SP4 Cannon was selected as the Battalion, Brigade, and Post Soldier of the Month for September. SP4 Krystyan was the Honor Graduate at Primary Leadership Course (PLC) in July. The unit had six personnel graduate from the Alabama State Trooper Academy. The unit conducted M-16 weapons qualification on 15-17 Sep 81. The unit orderly room was moved to Building 608 in Sep 81.

g. 260th FA Det - SGT Timothy P. Deneffield was selected as the Battalion Soldier of the Month for September. SSG Michael Jackson won the Men's 100m Dash in the Track and Field Meet. The unit conducted a two-day float trip down the Blackwater River on 23-24 Jul 81. The unit took the 13B & E SQT from 17-21 August. The unit fired 814 rounds of HE and 769 rounds of illumination in support of aviation training and 300 rounds of HE for unit training. In addition, the unit fired the 50-gun salute to the Union on the 4th of July and supported the Fort Rucker Tactical Training Exercise on 15 July. The unit had 100% participation in the September Blood Drive. The unit received the Brigade Commander's Award for their participation in the September Monthly Review.

h. Co C, 509th IN - CPL Joe Cortez was the Enlisted Honor Graduate of Pathfinder Class 9-81. The unit was selected as the best marching unit in the July and September Monthly Reviews. Two unit personnel participated in the Canadian Jumpfest from 12-15 Aug 81. The unit conducted a Water Jump on 29 Aug 81. Five personnel attended the Jungle Operations Training Center, Panama Canal Zone, 2-29 Sep 81. The unit supported the Fort Rucker Tactical Training Exercise on 15 Jul 81. Unit conducted rappelling demonstrations for US Army Recruiting Command (USAREC) at the University of South Alabama.

#### ACCOMPLISHMENTS - 4TH QUARTER

a. 1st Bn HQ - On 16 Dec 81 MAJ Julian T. Marsh and CPT Ronald E. Travers received the Meritorious Service Medal.

b. 11th Co - SP4 Michelle Hunter was selected as unit Soldier of the Month for Oct and Nov and Battalion Soldier of the Month for Dec. SP5 Phillip H. Tegtmeir and SP5 Daniel A. Schorn were selected as unit NCO of the Month for Oct and Nov. During the Winter Sportsfest the unit placed third among 23 competing companies in both the male and female events. In addition to placing first in women's and men's basketball and women's softball, the women's 4 x 100 meter relay team finished first. Individual 1st place finishers were SP5 William Ward in Men's 200 meter run and SP4 David Hodapp in weightlifting.

c. 12th Co - The unit team was the Post Soccer Team Champions. During the Winter Sportsfest, unit placed first in the women's single racquetball competition. The 1st Battalion Best Reenlistment Plaque for FY 81 along with the Best Reenlistment Trophy for Fort Rucker was presented to the unit. The 1st Bn Dining Facility was presented the Best Dining Facility Trophy for FY 81. The unit color guard performed in the reorganization ceremony of Company C, 1/6 Cavalry to Delta Company, 229th Battalion, the Veteran's Day Parade in Birmingham, AL, and the Association of the United States Army (AUSA) General Membership Meeting held 3 Dec 81.

d. 13th Co - A change of command was conducted on 11 Dec 81. CPT William G. Ackerly assumed command from Daniel L. Kinzly. The unit's AGI was conducted on 3 Nov 81. Unit teams won the Post Golf Championship and the Post Intramural Flag Football Championship. During the Winter Sportsfest, the unit team won first place in flag football. SP4 Jacquelyn Cutts and SP4 Luster O. Harris were the unit Soldiers of the Month for Oct and Nov. SP5 Hugh G. Booth and SGT Darryl L. Adkins were the unit NCOs of the Month for Oct and Nov, while SP5 Ricky Lopez was NCO of the Month for Dec.

e. 14th Co - SP4 Raymond L. Dus and SGT Steven Kurkerewicz were selected as the unit Soldier and NCO of the Month for Nov. During the Winter Sportsfest, the unit's team won first place in men's softball and women's doubles racquetball competition. SP4 James G. Griner was selected as Bn and Brigade NCO of the Month for Jan 82, while SP4 Winston Warr was selected as Battalion, Brigade, and Post Soldier of the Month for Jan 82. The unit received the Battalion Commander's Award for the 1st Battalion Best Barracks of the Quarter.

f. 98th AB - SP5 Alvin M. Streeter received the Army Achievement Medal. During the Winter Sportsfest, the unit's volleyball team won first place. During the quarter, the unit participated in three Retirement Reviews, five flybys, seven swearing-ins, eight graduation balls and eight graduations. The Band was on mass leave from 21 Dec 81 to 4 Jan 82. In addition the Band performed at the following events:

- 1 Oct 81 - Full Band, 1/6 Cav Redesignation Ceremony, Bldg 6209  
Ft Rucker
- 3 Oct 81 - 8-pc Combo AUSA Bar-B-Que, Lake Tholocco
- 8 Oct 81 - 8-pc Combo & Octoberfest, Rec Center
- 24 Oct 81 - Peanut Festival Parade, Dothan, AL
- 30 Oct 81 - Post Retirement Review, HQ Parade Field
- 2 Nov 81 - 5-pc Combo, CG's Reception, Officers Club
- 7 Nov 81 - Harvest Festival Parade, Donaldsonville, AL
- 17 Nov 81 - Veterans Day Parade, Birmingham, AL
- 15-21 Nov 81 - 8-pc Combo, Recruiting Tour to Mississippi
- 19 Nov 81 - Civilian Awards Ceremony, Rec Center
- 19 Nov 81 - 5-pc Combo, AAAA Dinner, Officers Club
- 20 Nov 81 - Post Retirement Review, HQ Parade Field
- 3 Dec 81 - AUSA Dinner, Officers Club
- 5 Dec 81 - Christmas Cantata Rehearsal, Post Theater
- 10 Dec 81 - Auburn University, ROTC Graduation, Auburn, AL
- 11 Dec 81 - Post Retirement Review, HQ Parade Field  
Christmas Tree Lighting Ceremony, HQ Parade Field
- 12 Dec 81 - Christmas Cantata Rehearsal, Post Theater  
5-pc Combo Christmas Formal, Officers Club
- 13 Dec 81 - Christmas Cantata, Post Theater
- 18 Dec 81 - Operation Santa Claus, Rec Center

g. 141st MP Co - SP4 Monica M. Krystyn was selected as Battalion, Brigade, and Post Soldier of the Month for Oct. The unit received a Brigade Commander's Award for winning the Battalion, Brigade, and Post Soldier of the Month for three consecutive months--Aug, Sep, and Oct. SP4 Marilyn E. Welch and SP4 Annette Pittman won track and field events in the Winter Sportsfest. SSG Perkins, SP4 Lovett, and PFC Spradley were members of the 1st Battalion Team that won first place on the Commander's Event during the Winter Sportsfest.

h. 260th FA Det - A Change of Command was conducted on 20 Nov 81. CPT Philip D. Riddle assumed command from Charles D. Shelton. The unit's football team placed second in their division and third on post for intramural football. During the Winter Sportsfest, the unit received a 100% participation award. The unit received the Battalion Commander's Award for highest quarterly reenlistment rate in the Bn. The unit completed their annual SQT Testing with results indicating 100% verification and weapons qualification on the M16 rifle resulted in 100% qualification. On 24 Oct 81, the unit marched in the Peanut Festival Parade in Dothan, Alabama. The unit fired 756 rounds of HE and 1430 rounds of illumination in support of aviation training and 200 rounds of HE for unit training. SGT Timothy P. Denefield won the Battalion NCO of the Month for Oct.

i. Co C, 509th IN - SSG George A. Coe was selected Battalion, Brigade, and Post NCO of the Month for Nov, while SGT Henry F. Little was the Battalion, Brigade, and Post Soldier of the Month. The unit provided rappelling demonstrations at Mobile, Robertsdale, and Gulf Shores, Alabama, during the quarter. On 24 Oct 81 the unit marched in the Peanut Festival Parade at Dothan, Alabama, and 11 Nov 81, marched in the Veterans Day Parade in Birmingham, Alabama. SGT Noble, SP4 Trumble, and SP4 Harris graduated from Pathfinder School on 12 Nov. SGT Noble was selected as the NCO Honor Graduate. SSG Gambrel and SP4 Morfit graduated from Ranger School on 19 Nov 81. The PT test was conducted and the average score was 248. Expert Infantryman's Badges were awarded to 2LT Dillon, SGT Hunke, and SGT Roettger. Graduating from Pathfinder Class on 11 Dec 81 were 2LT Bobowski, SP4 Nord, and SP4 Gossett. SGT Thomas E. Hunke won Battalion NCO of the Month for Dec.

# 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, rations, and training of assigned personnel.

## ORGANIZATION:

The 4th Battalion consists of the 41st, 42d, and 43d Advanced Individual Training companies.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATE</u>
LTC James L. Higginbotham	Commander, 4th Battalion	Entire Year
CPT Joel G. LaReau	Commander, 41st Company	Dep - 31 Mar 81
CPT Paul B. Hay	Commander, 41st Company	Arr - 31 Mar 81
CPT Robert L. Poynter	Commander, 42d Company	Dep - 11 Aug 81
CPT Daniel S. Adee	Commander, 42d Company	Arr - 6 Aug 81
CPT Thomas Rini	Commander, 43d Company	Dep - 6 Feb 81
CPT Michael S. Porterfield	Commander, 43d Company	Arr - 6 Feb 81
CSM Sonnie S. Bronson	CSM, 4th Battalion	Entire Year
1SG Grady H. Collins	1SG, 41st Company	Dep - 3 Aug 81
1SG Richard L. Benson	1SG, 41st Company	Arr - 15 Jul 81
1SG Timothy Bronson	1SG, 42d Company	Dep - 22 Jan 81
1SG Steven R. Wilson	1SG, 42d Company	Arr - 22 Jan 81
1SG Lewis Rowan	1SG, 43d Company	Entire Year

## ACCOMPLISHMENTS:

The average monthly student strength for the year was 638. The battalion graduated 2,439 students from Advanced Individual Training courses. Of that total, 1,447 were for Military Occupational Specialty (MOS) 67N -- Utility Helicopter Repairer, 497 were for MOS 67V -- Observation/Scout Helicopter Repairer, 207 were for MOS 71P -- Flight Operations Coordinator, 169 were for MOS 93H -- Air Traffic Control (ATC) Tower Operator, and the remaining 119 were for MOS 93J -- ATC Radar Controller.

The annual reenlistment goal was exceeded by 27%.

Skill Qualification Testing resulted in 91.3% of assigned personnel either qualifying or verifying their MOS.

SP4 Virginia Cofield, 42d Company, was selected as Post Soldier of the Month for March.

Subordinate units achieved outstanding results during the semiannual 1st Aviation Brigade Sportsfests. In the Spring Sportsfest, the females of 41st Company won the overall female competition with 1st place wins in the 10K run, swimming, track and field, and arm wrestling events. The male soldiers of 43d Company took top male honors while taking 1st place in arm wrestling and weight lifting competition. During the Fall Sportsfest, the males of 43d Company placed 1st overall among the men, and the women of 42d Company achieved top honors among females.

There was a 59% reduction in the Absent Without Leave (AWOL) rate over the previous year.

There was a 50% reduction in the number of soldiers processed under the Expeditious Discharge Program.

# 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 (AER's). Maintains a program for full social development in military environment by organizing, coordinating and participating in Officer, Warrant Officer Candidates and Allied Military Flight Program. 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  
 63rd Officer/Warrant Officer Student Company  
 64th Officer Student Company  
 Allied Military Training Division

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC ERKINS, MOSES	Cdr, 6th Battalion	Entire year
MAJ STEPHENS, WAYNE H.	XO, 6th Battalion	27 Jul 81 - Present
MAJ CLELAND, ROBERT J.	XO, 6th Battalion	Entire year
MAJ JOBE, DWIGHT L.	C, Allied Military Training Division	Entire year
CPT BATES, PAUL D.	Cdr, 60th Company	3 Apr 81 - Present
CPT HETHCOX, RICHARD	Cdr, 60th Company	2 Apr 81
CPT EVERETT, PAUL W.	Cdr, 61st Company	26 Jun 81 - Present
CPT SIMMONS, HOLLIS E.	Cdr, 61st Company	25 Jun 81
1LT RUBET, ROBERTO	XO, 61st Company	15 Oct 81 - Present
CPT MCGUFFEY, JAMES R.	Cdr, 62d Company	14 Aug 81 - Present
CPT TILLMAN, JAMES A.	Cdr, 62d Company	13 Aug 81
CPT STRAUSS, JOHN C.	Cdr, 63d Company	30 Jul 81 - Present
CPT MATTHEWSON, ALPHONSO E. JR.	Cdr, 63d Company	29 Jul 81
CPT McCORD, ROBERT E.	Cdr, 64th Company	9 Feb 81 - Present
CPT PYATT, CHARLES E.	Cdr, 64th Company	8 Feb 81
1LT GILL, STEPHEN	XO, 64th Company	13 Feb 81 - Present
1LT JETER, DWAYNE	XO, 64th Company	12 Feb 81
CSM MILLER, ALONZO C.	CSM, 6th Battalion	Entire Year
1SG TENBROEK, JACOBUS	1SG, 60th Company	25 Feb 81 - Present
1SG COBB, RALEIGH E.	1SG, 60th Company	24 Feb 81
1SG CHESTER, JAMES	1SG, 61st Company	20 Feb 81 - Present
1SG ADAIR, BRITT	1SG, 61st Company	Entire year
1SG JOINER, WILLIAM	1SG, 62d Company	12 Jan 81 - Present
1SG TRAYLOR, JOHN P.	1SG, 62d Company	11 Jan 81

#### ACCOMPLISHMENTS:

The 6th Battalion briefed numerous dignitaries visiting Fort Rucker during 1981 to include General Meyer, Chief of Staff of the Army; General Otis, Commander of TRADOC; LTG Becton, Deputy Commander of TRADOC and Prince Faisal of Saudi Arabia. On 29 October 1981 the Battalion Commander received the Fort Rucker Trophy for the highest reenlistment percentage from Honorable Jay R. Scully, Ph. D., Assistant Secretary of the Army for Research and Development. Specific accomplishments of each company are addressed separately.

#### 60TH WARRANT OFFICER CANDIDATE COMPANY

##### MISSION:

Commands and coordinates activities of the company. Conducts training of all assigned and attached personnel. Conducts extensive training in the Warrant Officer Candidate Military Development Course, which includes instructions on leadership customs and courtesies of the service, uniform, honor code, military instructions, physical training, demonstrated drill and other pertinent military subjects. Conducts extensive individual student counseling on progress and development in the military environment and recommends elimination or turnback of substandard performers. Establishes and maintains individual student training and counseling records, provides internal administrative services, plans and coordinates social activities conducted by the candidates, and operates and maintains Warrant Officer Candidate Lounge.

##### ACCOMPLISHMENTS:

60th Warrant Officer Candidate Company was awarded the "Best Marching Unit" streamer three times in CY 81. This was one award for each time they marched in post level parades. The 60th Company contributed over half the post Army Emergency Relief Goal with donations totalling over \$9,000.00. The company actively supported Monthly Red Cross Blood Drives by contributing over 100 pints of blood this past year. 60th Company participated in numerous post activities including the July 4th Review, the Memorial Day Review, and the Post Christmas Tree Lighting Ceremony. In November of 1981, 60th Company was selected to conduct retreat daily for the entire installation. The personnel assigned to 60th Company have fulfilled their deep sense of community responsibility through support of the Apache District Boy Scout Council, painting of the post Pediatric Clinic, and numerous other community projects. During 1981, 60th Company developed several new and innovative training programs for Warrant Officer Candidates. In April 1981 Warrant Officer Candidates were afforded the opportunity to gain practical experience in leadership traits and land navigation by utilizing the Leader's Reaction Course, Obstacle Course and Land Navigation Course at Fort Benning, Georgia. The 60th Company successfully passed the General Inspection conducted on 3 September 1981 with special favorable comment being given to the cohesion and esprit de corps of permanent party and students. Four of the seven Warrant Officers assigned to 60th Company were selected for a direct appointment to Captain in July of 1981. 60th Company enrolled 1030 students in 1981 and graduated 857 students with an annual attrition of 17.1%. On 3 April 1981, Captain Paul D. Bates assumed command of 60th Company from Captain Richard E. Hethcox.

#### 61ST WARRANT OFFICER CANDIDATE COMPANY

##### MISSION:

Commands and coordinates activities of the company. Conducts training for all assigned and attached personnel. Continues the military development of warrant officer candidates to include instructions on leadership, customs and courtesies of the service, uniform, honor code, military instructions, physical training, demonstrated drill and other pertinent military subjects. Conducts extensive individual student counseling on progress and development in the military environment and recommends elimination or turnback of substandard performers. Establishes and maintains individual student training and counseling records.

##### ACCOMPLISHMENTS:

The Dining Facility was selected to represent Fort Rucker in the Phillip Connelly Award Army Wide Competition. Numerous civilian and military community projects were completed which resulted in recognition from officials in the surrounding communities. Class 82-3 aided in Operation Santa Claus by repairing and painting toys for the less fortunate. Class 81-47 painted a local school

building which resulted in a Letter of Appreciation. Several classes donated time to make repairs on the local Boy Scout Hut. Members of the 61st Company gave full support in the Sportsfest activities sponsored by the 1st Aviation Brigade. Class 81-25 supported through assisting the Fort Rucker Special Olympics and the State of Alabama Special Olympics at Troy State University. On 26 June 1981, a Change of Command Ceremony was held with Captain Paul W. Everett assuming command from Captain Hollis E. Simmons.

#### 62nd WARRANT OFFICER CANDIDATE COMPANY

##### MISSION:

Commands and coordinates activities of the company. Conducts training and performs administrative services for all assigned personnel. Continues the development of the Warrant Officer Candidate through the Junior and Senior Phases of the program, including detailed observation, evaluation, recording of performance and extensive counseling to candidates relating to leadership, academics, and flight potential. Maintains a program for full social development in the military environment by organizing, coordinating and participating in official and formal Warrant Officer Candidate social events to include swearing-in ceremonies, graduation balls, graduation and various informal functions of the Warrant Officer Candidates. Maintains and operates Warrant Officer Candidate Hall of Fame.

##### ACCOMPLISHMENTS:

During this period the 62d Warrant Officer Candidate Company was involved in numerous civic projects. Some of these were the Special Olympics supported by class 81-11 and 81-13, the Jerry Lewis Telethon by Class 81-23 and the Peanut Festival Parade which featured Classes 81-39 and 81-41 on 17 October 1981. Also during this year, the 62d Company started 1040 students and graduated 800 as Aviators. CPT James R. McGuffey assumed command on 14 August 1981 from CPT James A. Tillman.

#### 63d OFFICER/WARRANT OFFICER STUDENT COMPANY

##### MISSION:

Commands and controls all assigned and attached personnel. Provides internal administration and operational support to all assigned and attached personnel. Conducts training for all permanent party personnel. Coordinates and organizes command social activities for the Warrant/Officer Career College.

##### ACCOMPLISHMENTS:

A total of 3375 students graduated from courses of instruction at 63d Officer Student Company during CY 1981. 63d Company was inspected and rated satisfactory during the annual General Inspection on 22 September 1981. CPT John C. Strauss assumed command on 30 July 1981 from CPT A. E. Matthewson, Jr.

#### 64TH COMPANY OFFICER STUDENT COMPANY

##### MISSION:

Commands and coordinates all activities of the company to include social activities. Provides internal administrative and logistical services. Conducts training as required for all assigned personnel. Administers military justice as required to all assigned personnel.

##### ACCOMPLISHMENTS:

A total of 851 students graduated from ORWAC classes in 1981 including 102 Air Force. Average student strength for 1981 was 675. During the month of March, Building 9009 was obtained to house the permanent party enlisted personnel of the 6th Battalion. The 64th Company won second place in the 1st Aviation Brigade Spring Sportsfest and first place in the Fall Sportsfest. 64th Company was rated satisfactory during the annual General Inspection on 22 September 1981. Captain Robert E. McCord assumed command from Captain Charles E. Pyatt on 9 February 1981. The 64th Company provided administrative and logistical support for 51 USMA Cadets during the period of 5 July 1981 through 1 August 1981.

## ALLIED MILITARY TRAINING DIVISION (AMTD)

### MISSION:

In coordination with Directorate of Training and Doctrine (DOTD), Program/Budget Division and Protocol Division, conducts initial processing for allied students and orientations of post facilities. Accomplishes allied student administration, to include amendments of invitational travel orders, CRM feeder reports, academic reports, certification of completion of course and correspondence relative to the allied student program. Maintains status of training spaces and student assignments in coordination with DOTD and higher headquarters. Prepares financial vouchers for payment of monthly per diem to International Education Training students, Free World Military Assistance Forces students and Foreign Military Sales (FMS) Program students. Maintains files on allied students attending courses at USAAVNC. Assists and monitors military, personal, academic and legal matters pertaining to allied students. Develops and coordinates the allied student orientation and informational program to increase the student's knowledge of the United States and to establish a close relationship with United States personnel. Maintains a sponsorship program. Acts as training coordinating agency between allied students, USAAVNC, higher headquarters and foreign embassies. Arranges graduation and outprocessing functions for graduating allied students and transportation for arriving and departing allied students. Processes purchase orders and stores class VI items for allied students in accordance with custom regulations. Organizes and coordinates the Commanders' receptions for allied students. Monitors the status of FMS students scheduled to arrive for training. Contacts TRADOC, as required, to keep abreast of student status. Requests assistance from TRADOC in obtaining start date. Immediately upon receipt of additions of foreign student quotas, advises DOTD, Program/Budget Division and DRM, Program/Budget Division of the change.

### ACCOMPLISHMENTS:

Allied Military Training Division started the year with a reception for the Allied Students hosted by the Commanding General on 30 January. From 6 - 8 March AMTD escorted the Allied Students on an informational tour to Atlanta, Georgia. On 24 July the Commanding General hosted a reception for all Allied Students at the Officers' Club. The City of Ozark held a reception on 14 August in honor of the Allied at the Ozark Country Club. This reception was the first time a local community has held such an event. At the reception each Allied Student and Liaison Officer was presented a certificate making them honorary citizens of the City of Ozark. AMTD escorted the Allied Students to Charleston, SC on an informational tour from 15-17 August. On 2 October all the Allied personnel at Fort Rucker were guests at the opening night of the Northwest Florida Rodeo held in Bonifay, Florida.

# 46TH ENGINEER BATTALION (COMBAT HEAVY )



MISSION:

Engineer Units: Construct and rehabilitate road, 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 EOD support; provide firefighting 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 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)

Attached Units:

- 108th Quartermaster Company (QM Co)
- 416th Transportation Company (Trans Co)
- 427th Medical Company (Med Co)
- 123rd Ordnance Detachment (EOD)
- 91st Engineer Detachment (Fire Fighting)

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC Cal D. Johnson	Battalion Commander	Entire Year
CPT James D. Wisenbaker	Headquarters Company Commander	Entire Year
CPT Stephen D. Bonneau	A Company Commander	14 Aug 81 - Present
CPT Jonathan E. Holtz	A Company Commander	Departed - 14 Aug 81
CPT Blake V. Peck	B Company Commander	12 Jun 81 - Present
CPT Edwin P. Janasky	B Company Commander	Departed - 12 Jun 81
CPT Gary R. Burroughs	C Company Commander	1 May 81 - Present
CPT Jerald A. Jones	C Company Commander	Departed - 1 May 81
CPT Thomas M. Hill	108th QM Co Commander	9 Oct 81 - Present
CPT Elmo G. Burton	108th QM Co Commander	Departed - 9 Oct 81
CPT Randy L. Boatman	416th Trans Co Commander	13 Mar 81 - Present
MAJ Jan E. Payne	416th Trans Co Commander	Departed - 13 Mar 81
CPT John C. Terry	427th Med Co Commander	15 Dec 81 - Present

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATE</u>
CPT Herman L. Gwynn	427th Med Co Commander	Departed - 15 Dec 81
CPT Thomas C. Zeugner	123rd Detachment Commander	Entire Year
CSM John T. McInnis	Battalion CSM	Entire Year
1SG Bernard Storms	HHC First Sergeant	1 Dec 81 - Present
1SG Napoleon Burnett	A Company First Sergeant	17 May 81 - Present
1SG Charlie J. Dyson	B Company First Sergeant	Entire Year
1SG Floyd E. Fontenot	108th QM Co First Sergeant	19 Jun 81 - Present
1SG Larry Vincent	108th QM Co First Sergeant	Departed - 21 Jan 81
1SG Cecil Marshall	416th Trans Co First Sergeant	Departed - 31 Jan 81
1SG Clarence Bozeman	427th Med Co First Sergeant	Entire Year
SFC Travis Turner	HHC First Sergeant	Departed - 1 Dec 81
SFC Fred Scott	A Company First Sergeant	Departed - 17 May 81
SFC Ernest Johnson	C Company First Sergeant	Entire Year
SFC Robert Boyd	108th QM Co First Sergeant	21 Jan 81 - 19 Jun 81
SFC Kenneth Rhea	416th Trans Co First Sergeant	31 Jan 81 - 13 Nov 81
SFC Benny Collins	416th Trans Co First Sergeant	13 Nov 81 - Present

#### ACCOMPLISHMENTS: 1ST QUARTER

The Waterways Experimental Station (WES) conducted a demolition familiarization during the period 19 - 22 Jan 81 with soldiers from B and C Companies. The actual test of a new blasting agent was held 9 - 13 Mar 81 and was termed a success. A Battalion Training Management System (BTMS) Program was held 16 - 20 Jan 81 to develop junior NCO's and officers' leadership and instructor skills. All units supported this training by qualifying new platoon leaders, platoon sergeants, and squad/section leaders. A total of 46 personnel successfully completed the training. NBC Training was emphasized by conducting CPX's aimed at monitoring and decontamination teams at company level. Projects completed include the Farrel Road Culvert, Knox Field Helipads, ACS Guest House, and the Tabernacle Field Building Renovation. The Westgate Memorial Sports Complex, Aircraft Mock-up, and Building Site Clearing were also finished during the 1st Quarter of 1981.

#### ACCOMPLISHMENTS: 2ND QUARTER

The battalion conducted an ARTEP at Fort Benning, GA 29 Mar - 3 Apr 81. The 43rd Engineer Battalion evaluated the 46th Engineer Battalion in many phases of tactical combat engineering, to include minefield emplacement, timber trestle bridge construction, emplacement of air transportable bunkers, antitank ditching, obstacle construction and demolition, and main supply route (MSR) maintenance. The 46th Engineer Battalion evaluated its National Guard affiliated Battalion, the 877th Engineers, during 9 - 23 May 81 at Camp Shelby, MS. Five West Point cadets were hosted during Cadet Troop Leadership Training in June. The 427th Medical Company continued training for its REFORGER participation. Projects completed include the Religious Education Center Paving, Ozark Ballfield Lights, Daleville Track, Camp Alaflo Improvements, Lake Lodge Beach Renovation, and the Lowe Field Forced Landing Area.

#### ACCOMPLISHMENTS: 3RD QUARTER

Organization Day was celebrated on 17 July 81 with a battalion cookout and festivities at Lake Tholocco. In July and August the Battalion hosted 8 ROTC Cadets who spent 4 weeks as acting platoon leaders as a part of their leadership development. The Battalion conducted intensified NBC training which culminated in each company completing the NBC Proficiency Course at Lake Tholocco in August. Both the 416th Trans Co and the 427th Med Co deployed to the Federal Republic of Germany in September; the 416th Trans participated in Exercise Golden Thunder and the 427th in REFORGER 81. Both units were commended for outstanding mission performance upon completion of their respective exercise. The 416th Trans Co was cited for driving in excess of 72,000 accident free miles during the exercise while the 427th Med Co was recognized for the record-setting time in drawing and turning in its POMCUS equipment. The engineer companies spent 20 - 24 Sep 81 at Fort Benning, GA during FTX Fun in the Sun; qualification on crew-served weapons (.50 cal MG and M-60 MG), LAW, 90MM, and M203 was attained by all units. In September, the 108th QM Co's TO & E was changed; the major effect was to change their mission from a hauling to a storage operation. Projects completed include School Playground and Bike Path Paving, Skunk Hollow Erosion Control, Singing Pines Improvements, the Washrack Retaining Wall, and closing out the Purge Pond.

ACCOMPLISHMENT: 4TH QUARTER

The 108th QM Co participated in Bold Eagle 82 at Eglin AFB, FL during 11 - 31 Oct 81. The engineer companies conducted a European Driver Training Course as the initial phase of qualifying the equipment operators for REFORGER 82. From 30 Nov to 4 Dec 81 the battalion conducted WES Test II at Fort Rucker; demolition teams from B and C Companies participated in the experiments which proved to be highly successful. The 4th Bn Renovation Project was completed, which allowed the AIT students to relocate during the holiday break. Operation Santa Claus, sponsored by the Battalion, distributed over 15,000 toys to underprivileged children in the Wiregrass area. Projects completed include the Cairns Field Building Addition, Crash Guard Quarters, Building 4511 Modification, and the Johnson Road Bridge. Renovation of the inside of Building 6014 to convert a warehouse to office facilities for the Adjutant General section and the Central Issue Facility, Florida Recreation Area Building Erection, RT 14 Emergency Landing Field construction, and Construction of the DIO Maintenance Building were also completed during the quarter.

# D CO 229TH AVIATION BATTALION (ATK HEL)



MISSION:

Combat proficiency training up to a combat readiness posture, aviation support for USAAVNC, reserve component training, and provide a combat vehicle for USAAVNC and test activities. War time contingency plans will be under the control of the 101st Airborne Division (Air Assault), Fort Campbell, Kentucky.

ORGANIZATION:

D Company 229th Atk Hel Bn is organized under an attack helicopter company concept.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Charles R. Poulton, II	Commander	Entire Year
CPT Frank S. Wilmoth	Executive Officer	Dep - 16 Nov 81
CPT Herman W. Sumner	Executive Officer	16 Nov 81 - Present
CPT Larry R. Dunavant	Operations Officer	Entire Year
1SG Emil P. Adkins	First Sergeant	Dep - 6 May 81
1SG Robert F. McCook	First Sergeant	7 May 81 - Present

ACCOMPLISHMENTS:

Throughout the First Quarter of 1981, C Troop, 1/6 Cavalry (presently D Co 229th) organized and conducted aviation training and basic soldier skills in the form of an aero-scout air cavalry course and field training exercises. C Troop's aero-scout cavalry course took form in three two-week training periods, and consisted of instructing the individual aviator in nap-of-the-earth flying, navigation, masking, concealment, firing position selection, target handoff, and adjustment of indirect artillery. Basic soldier skills were utilized and practiced in several field training exercises designed to improve the troop's techniques in convoying, tactical moves, and occupying tactical base camps.

The Second Quarter of 1981 saw continued aviator proficiency training and field training exercises and was culminated with C Troop successfully completing a four day Annual General Inspection with laudatory comments being noted in the following areas:

- 1) Cohesion and morale of soldiers working together to accomplish unit activities and mission.
- 2) Physical fitness and weight control programs.
- 3) Accountability of Army material.
- 4) Nuclear, Biological and Chemical Readiness (NBC).
- 5) Aircrew Training Manual Program.

The Third Quarter of 1981 for C Troop was highlighted by several noteworthy events. A war gaming exercise for the exercise for the Directorate of Combat Development; a five hour, full mission oriented protective posture (MOPP) chemical exercise; and lastly, a 20-man detachment was sent to the Federal Republic of Germany for the three-week REFORGER '81 Exercise, "CERTAIN ENCOUNTER". The detachment was processed for overseas deployment and tactically airlifted from Ft. Benning, Georgia, arriving at Ramstein Air Force Base, West Germany. During the exercises the C Troop personnel were assigned to aviation duties with various companies of the 8th Combat Aviation Battalion from Finthen Army Airfield, West Germany.

The laudatory comments of the host aviation units confirmed the success of the detachment's REFORGER '81 venture.

The last quarter marked the redesignation of C Troop, 1/6 Cavalry to D Company 229th Attack Helicopter Battalion, 101st Airborne Division (AASLT). Coordination, liaison, and exchange of concepts and experiences concerning attack helicopter operations with Fort Campbell assets, provided for a close working relationship and contributed greatly towards the reorganization effort of the unit.

SHORTCOMINGS:

A full complement of aircraft, wheeled vehicles, and organizational equipment was never received by the unit, necessitating constant modification of objectives and goals.

## **SECTION II**

### **TENANT ACTIVITIES**

# US ARMY AVIATION DEVELOPMENT TEST ACTIVITY



## MISSION:

US Army Test and Evaluation Command (TECOM) Regulation No 10-21, 17 November 1980, assigns the following mission to US Army Aviation Development Test Activity (USAAVNDTA).

a. 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.

(1) Plan, conduct, evaluate, and report on the Government test elements (EDT-G, ADVT-G, PQT-G, PVT-G), except those portions pertaining to aircraft performance, stability and control.

(2) Provide input to, monitor and evaluate the results of Government tests pertaining to aircraft performance, stability and control, and the results of other Government tests.

(3) Provide input to, monitor and analyze and evaluate the results of contractor test elements (EDT-C, ADVT-C, PQT-C, PVT-C).

b. 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 workforce. To meet this need, the Activity is authorized 250 officers, warrant officers, enlisted personnel, and Department of the Army civilians, and is organized under a commander with a deputy commander for testing operations, five functional divisions and supporting offices. Contractors provide aircraft maintenance; additional engineering and technical support; onsite human factor engineer support; and additional assistance in the reliability, availability and maintainability (RAM) data collection area. These contractors bring approximately 180 additional people under the Activity umbrella.

## PERSONNEL:

Year end authorized personnel strength was 250 military and civilian personnel (28 officers, 11 warrant officers, 117 enlisted personnel and 94 DACs). Total assigned strength 31 Dec 81 was 251 (20 officers, 9 warrant officers, 119 enlisted and 103 DACs).

Key personnel assignments during the year were:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>	
LTC(P) William B. Woodson	Commander	1 Jul 81	Present
COL William E. Crouch	Commander	Departed	30 Jun 81
Dr. James S. Kishi	Technical Director	Entire Year	
MAJ Walter J. Lash II	Executive Officer	21 Apr 81	Present
MAJ Colon J. Keel, Jr.	Executive Officer	Departed	20 Apr 81
SGM John T. Pate	Sergeant Major	Entire Year	
LTC(P) John O. Turnage	Deputy Commander for Test	22 Dec 81	Present
LTC Billy W. Taylor	Deputy Commander for Test	1 Jun 81	21 Dec 81
LTC William H. Schwend	Deputy Commander for Test	Departed	19 Apr 81
LTC William H. Schwend	Chief, Mgt & Plans Div	20 Apr 81	Present
LTC Ronald N. Williams	Chief, Mgt & Plans Div	Departed	19 Apr 81
MAJ Donald L. Stiver	Chief, Aircraft Test Div	13 Jul 81	Present
MAJ Ronald N. Williams	Chief, Aircraft Test Div	1 May 81	12 Jul 81
MAJ Walter J. Lash II	Chief, Aircraft Test Div	Departed	20 Apr 81
MAJ David J. Anderson	Chief, Systems Test Div	13 Jul 81	Present
MAJ George Magrath, Jr.	Chief, Systems Test Div	Departed	12 Jul 81
Mr. Virgil R. Rogers, Jr.	Chief, Data Support Div	Entire Year	
MAJ George L. Kitchens	Chief, Test Spt & Log Div	16 Mar 81	Present
MAJ Thomas L. Kranz	Chief, Test Spt & Log Div	Departed	15 Mar 81
CPT Dale F. Maddox	Commanding Off, HQ Co	2 Nov 81	Present
CPT Robert L. Oates	Commanding Off, HQ Co	Departed	1 Nov 81
1SG Garland K. Offutt	First Sergeant, HQ Co	Entire Year	

### ***DEPUTY COMMANDER FOR TEST AIRCRAFT TEST DIVISION***

ACCOMPLISHMENTS:

The Aircraft Test Division published 31 test plans and 32 test reports during calendar year 1981. Significant tests and areas which required major resources during the year included:

CH-47 (CHINOOK) Helicopter:

- RAM Growth/Maturity Testing of YCH-47D
- Product Improvement/Technical Feasibility Testing of CH-47 Components
- Corona (Halo) Effect of Fiberglass Rotor Blades
- Desert Environment Testing of YCH-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

Other:

- 2B38 Synthetic Flight Trainer System
- Flotation Kits for Helicopter Crewmembers/Passengers
- XH-59A Advancing Blade Concept Helicopter
- Rotor Blade Protective Coatings

## **DEPUTY COMMANDER FOR TEST SYSTEMS TEST DIVISION**

### ACCOMPLISHMENTS:

The Systems Test Division completed 15 projects and published a total of 20 test plans and 18 test reports during calendar year 1981. Some of the significant tests conducted during the past year included:

#### Aircraft Survivability Equipment (ASE)

- AN/APR-39 Radar Warning Receiver
- XM-130 Chaff/Flare Dispenser
- Hot Metal Plus Plume Suppressor
- AN/ALQ-144 Infrared Jammer
- AN/AVR-2 Laser Warning Receiver

#### Aviator's Night Vision Imaging System (ANVIS)

- ANVIS Development Test II
- ANVIS/XM33 Compatibility

#### Support Projects

- Trial Mace II
- Optical Warning Location Detection (OWL/D)
- AN/ALQ-156 Missile Approach Detector
- Green Price

#### Other

- AAH Engineering Development Test No. 5
- Wire Strike Protection System (WSPS)
- Air to Ground Engagement Simulation/Air Defense (AGES/AD)
- Improved Lighting System for Army Aircraft (ILSAA)
- JP-8 Cold Start Tests

## **MANAGEMENT AND PLANS DIVISION QUALITY ASSURANCE AND REVIEW BRANCH**

### ACCOMPLISHMENTS:

In September 1981, the Quality Assurance and Review Branch completed the proposal for construction of an Aircraft Component Test Facility (ACTF). The building is to be built in 1983 with the instrumentation package installed in 1984. This facility, when operational, will give USAAVNDDTA the capability of introducing test components to the dynamic vibrations of flight in a laboratory environment. Additionally, turboshaft engines can be calibrated to engineering flight test standards and the flexibility of performing the continuing maintenance integrity verification function is gained. The ACTF will be fully integrated into the total test program and will enable the USAAVNDDTA to perform its developmental test mission more efficiently.

In June 1981, a contract was let with Scientific Applications, Inc., to identify components and begin development of a Real Time Data Collection and Reduction System. The system, when in place, will give USAAVNDDTA the ability to collect quantitative data and transmit it to ground stations where it is reduced and analyzed by technicians while flight is in progress. The Real Time Data Collection and Reduction System reduces the requirement to burden the aircraft with recording equipment from both a weight and space criteria, frees the pilots and crew members of the additional responsibility for operating and/or monitoring the operation of the recording equipment, and provides the test evaluator on the ground with immediate knowledge of any problem areas and will allow the test to be repeated, if necessary, before the flight is terminated. Real time methodology will ultimately reduce test time and improve test effectiveness.

Two new Test Operations Procedures (TOP's) were added to the library during 1981. In November, TOP 6-3-026, Functional Testing Proximity Warning Devices, and in December, TOP 6-3-120, Testing Heading Reference System was completed and submitted to Headquarters TECOM for coordination. Test Operations Procedures enhance test methodology by providing technical data concerning factors which influence test procedures.

## ***PLANS BRANCH***

### ACCOMPLISHMENTS:

During calendar year 1981, the Activity averaged 81 projects in the planning, testing, and reporting phases. Sixty eight new projects were initiated and seventy four 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 9,316 flight hours flown in accomplishment of our test program during 1981.

### MANAGEMENT BRANCH

The reorganization of USAAVNDDTA was effected on 15 February 1981.

The main thrust of the reorganization was to:

- a. Consolidate planning, resource, and management functions under one single manager. To do this, a new division - Management and Plans Division - was formed from the nucleus of the old Test Programs Division, the Comptroller Office and Quality Assurance and Review Office. The new division consists of a headquarters, Plans Branch, Management Branch, Budget Branch and Quality Assurance and Review Branch.
- b. Establish DAC aerospace engineer expertise at the test division level to provide engineering management and services for all major categories of testing accomplished by the Activity. Three high grade positions were realigned from the Test Programs Division to test divisions' headquarters for this purpose.
- c. Realign officer aviator and enlisted crewmember positions to the test divisions to offset the shortage of aviation technical expertise. Four officer aviator and seven enlisted crewmember positions were realigned within the test and test support divisions.

The reorganization did not change recognized requirements or authorizations, but realigned available assets for maximum productivity.

## ***DATA SUPPORT DIVISION***

### ACCOMPLISHMENTS:

During calendar year 1981, the Data Support Division provided technical support for the administrative and test work of the Activity.

- a. The Instrumentation Lab designed, fabricated, installed, and operated fifteen major and five minor instrumentation packages in support of tests. These systems included video, FM, and PCM recording systems as well as conventional manual/visual display systems. Lab personnel provided 656 TDY manhours of direct test support.
- b. During the year the Math and Computer Lab continued work on the Management Information System for the Activity. Major progress was made in completing the flight records and automation of labor transactions portions of the system. Additionally, major portions of the planning programs for test projects and plan vs actual data reports programs were written and tested.
- c. Photo/Optics/Arts Lab support for the Activity and the US Army Aviation Board resulted in accomplishment of the following:

- (1) Production of 2,106 units of graphic work.
- (2) Printing of 35,938 photos.
- (3) Development of 11,422 negatives.
- (4) Exposure of 6,650 feet of motion picture film.
- (5) Production of 123 hours of video tape.

# 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, 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 SFW0J7AA. 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, two Reserve Component (Army National Guard) officers are assigned. The Safety Center is organized internally as follows:

- Office of the Commander
- Administrative Division
- Communication Arts Division
- Directorate for Management Information Systems
- Directorate for Aviation Systems Management
- Directorate for General Safety
- 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	11 Dec 81 - Present
COL Edward E. Waldron II	Commander	1 Jan 81 - 11 Dec 81
COL Joel J. Mikuta	Deputy Commander	Entire year
COL Langley J. Chavis	Dir of Avn Sys Mgt	1 Jan 81 - 8 Oct 81
LTC Marco Torres, Jr.	Dir of Avn Sys Mgt	9 Oct 81 - Present
COL Francisco Trevino, Jr.	Dir of Invest, Anal & Rsch	Entire year
COL Norman N. Ferguson	Dir of Educ & Eval	Entire year
COL J. Samuel Griffith	Flight Surgeon	Entire year
MAJ Joe A. Cole	Legal Officer	Entire year
SGM Fred Brown III	Sergeant Major	Entire year
Mr. William D. Brooks	Acting Dir of Gen Saf	Entire year
Mr. Harold M. Myers, Jr.	Dir of Mgt Info Sys	Entire year
Mr. William E. Carter	Ch of Comm Arts Div	Entire year

## ACCOMPLISHMENTS:

SAFETY TRAINING - Programs of Instruction: During CY 81, the following courses were conducted:

Aviation Safety Officer Course (ASOC) - An 8-week resident aviation mishap prevention course for Active Army and Reserve Component commissioned officers, warrant officers and DA

Civilians. On successful completion, officers and warrant officers are awarded an Additional Skill Identifier (ASI) for aviation safety. The ASOC was presented four times in 1981 producing 113 graduates.

Aviation Mishap Prevention Course (AMPC) - A 2-week resident course on the fundamentals and techniques of the aviation safety officer's job. Active Army and Reserve component commissioned and warrant officers, DA Civilians, and contract maintenance civilians may attend. The AMPC was presented four times in 1981 producing 113 graduates.

Aviation Mishap Prevention Management Course (AMPMC) - A 2-week resident and mobile training course on mishap prevention concepts and programs. Active Army and Reserve component enlisted personnel in grades E6 through E9 in aviation-related MOS, DA Civilians, GS7 through GS10, and Army contract maintenance supervisors may attend the course. Graduates are awarded the ASI A2. The AMPMC was presented five times in residence and six times at various locations worldwide (Ft Campbell, KY/Hawaii/Germany/Davison AAF, VA/Ft Hood, TX/Ft Bragg, NC), producing 342 graduates.

Army Safety Program Management Course (ASPMC) - A 2-week resident course designed for advanced safety management and staff techniques. The ASPMC was presented 3 times in residence producing 76 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 twice in residence and once onsite in Germany producing 85 graduates.

Range Safety Course (RSC) - A 2-week resident course designed to provide training which emphasizes the safety aspects of ranges and range operations. The RSC was presented 3 times in residence and once onsite in Germany, producing 106 graduates.

Unit Accident Prevention Course (UAPC) - A 2-week resident course designed to provide unit safety personnel assigned to company, battalion level or equivalent size units with knowledge and skills essential for successfully conducting accident prevention activities. The course was presented twice in residence for the purpose of collecting data from which an exportable course was developed, producing 55 graduates.

Special Educational Presentations - Safety instruction was conducted for Active/Reserve component units/personnel at various installations and geographical locations (1309 graduates). Instruction was also conducted in support of the following courses conducted by other TRADOC schools/activities: Aviation Pre-Commander's Course (62 graduates), Warrant Officer Senior Course (180 graduates), Aviation Warrant Officer Advanced Course (120 graduates), Initial Entry Rotary Wing Course (640 graduates), and the Flight Surgeon's Course (86 graduates). Attendees at these courses totaled 2397.

Aviation Mishap Prevention Surveys - During 1981, students in the ASO Course conducted mishap prevention surveys at four installations. Visits were made to Dallas NAS, TX; Hunter AAF, GA; Tennessee ARNG; and Fort Campbell, KY.

#### SUMMARY OF ATTENDEES:

Total Students: 3287

International Students: Canada (2), Honduras (6), Japan (1), Korea (4), Spain (1).

Non-CONUS Area Visited: Germany, Hawaii, and Honduras

Safety Assistance and Field Evaluations (SAFE) - The SAFE program remained as a "by request only" service. During 1981, a SAFE team evaluated the FORSCOM Flight Detachment, Atlanta, GA.

#### GENERAL SAFETY:

Fielded Systems: Assistance was provided the Army Materiel Development and Readiness Command (DARCOM) to trace accident information on the Multiple Integrated Laser Engagement System used with the Anti-Tank Weapons System (MILES-ATWS), a fielded system.

Privately Owned Vehicle (POV) Training Kit: A POV training kit was developed and published to assist unit safety officers in coping with the Army's number one cause of fatalities.

Hazard Awareness Kit: A Hazard Awareness Kit (HAWK) concept was developed for Army implementation and use by organizational safety staffs and collateral duty safety officials.

Unit Training Packets: Training packets for unit safety officers were developed and made available through the Safety Information Bulletin distribution system.

Soldiers Manuals and Associated Training Publications: A study was completed to incorporate safety into soldiers' manuals and associated training publications.

Army Management Information System (ASMIS) Training Project: Training packages of detailed ASMIS data were assembled and furnished units and safety offices.

Analysis of US Army Fire Accidents: A special area of interest, US Army fire accidents, was analyzed and a technical report (USASC TR 81-2) was published in March 1981. Three-hundred and three Army fire accidents reported on DA Form 285 to the Army Safety Center were analyzed. The analysis identified 11 factors that accounted for 258 (85%) of the fires and \$3,348,059 (74%) of the \$4,530,652 total cost. Availability of this report was advertised in COUNTERMEASURE and the "Safety Information Bank Bulletin."

#### AVIATION:

Centralized Mishap Investigation (CMI): In CY 81, 60 major aviation mishaps were investigated by USASC under the CMI program, an increase of approximately 15 percent over the previous year. Several significant discoveries were made during these investigations which had Army-wide impact on the safety of aviation operations. The standardization of mishap reports was improved and the average time for mishap investigation and report preparation was reduced. 204 major aviation mishaps have been investigated under the CMI program since its inception.

Revision of AR 95-5: A draft revision of AR 95-5 was distributed to DA staff and MACOM for review and comments June 1981. A final draft was forwarded to DAAG for publication in December 1981.

Army Aviation Human Factors Working Group: USASC, as a member of the Army Aviation Human Factors Working Group, provided input to the human factors engineering analysis of the Advance Attack Helicopter (YAH-64). Input was designed to insure that the optimum degree of safety is designed into the YAH-64 consistent with its mission requirements.

Analysis of FY 80 Army Aircraft Mishaps: The USASC Technical Report of the Analysis of FY 80 Army Aircraft Mishaps, TR 80-1, February 1981, was distributed to DA staff and MACOM. It was also distributed to aviation units, laboratories, and libraries. The report of the analysis made of 82 mishaps identified 30 different system inadequacies.

Aircraft System Safety: USASC continued assistance to TRADOC and DARCOM elements in the area of system safety requirements and criteria for new aviation developments. Significant among the accomplishments in this area were the:

a. Initiation of a sound system safety program as a firm, initial requirement for the Army Helicopter Improvement Program-Near Term Scout Helicopter.

b. Continued intensive involvement in the development, testing, and evaluation of the YAH-64 Advanced Attack Helicopter. During CY 81, the USASC participated in the Operational Test II of the YAH-64 at Fort Hunter-Liggett, California. The USASC served as co-chairman of the YAH-64 System Safety Working Group which coordinated Army-wide efforts to ensure that previously identified hazards are corrected prior to production delivery of the aircraft. These efforts have resulted in the identification of over 500 system hazards for subsequent correction and will significantly improve its operational capability.

c. Developed criteria and rationale for crashworthiness requirements for external fuel tanks as part of the UH-60 External Stores Support System. This effort ensured that the fuel tank installation for troop assault and other missions using the planned 230-gallon external

tank would not degrade the level of crashworthiness provided by the aircraft and its integral fuel system.

d. Performed assessment of the increased risks of transporting troops in UH-60A aircraft with the standard troop seats removed. This risk assessment was accomplished to provide input to senior Army managers' decisions regarding the tradeoffs involved with this practice. The ODCSPER, DA, is evaluating the risk assessments and resulting action(s) should be expected in CY 82.

Operational Hazard Report (OHR): An improved Operational Hazard Report System was approved and incorporated in the new AR 385-95. This new regulation has been forwarded to DA for publication and is expected to be fielded in early 1982.

Flight Data Recorders (FDR): Significant progress was achieved in efforts to develop a formal requirement for FDR on selected aircraft. During CY 81, the USASC and the USAAVNC agreed to mutually support continued development and installation of a FDR designed for mishap investigation and limited maintenance evaluations.

Aviation Mishap Simulation: The feasibility of using existing aircraft simulation facilities to aid in the investigation and analysis of aircraft mishaps was proven during CY 81. Initial procedures for use of the AH-1 and CH-47 Synthetic Flight Training Simulators (SFTS) were developed and successfully tested.

UH-60 Engine Control Quadrant: Investigation findings in three UH-60 mishaps listed the engine control quadrant as a contributing causal factor. As a result, USASC recommended action be taken to correct these deficiencies and TSARCOM, Sikorsky Aircraft Corp., and General Electric have initiated a study to determine workable solutions to these problems.

Emergency Locator Transmitter (ELT): CY 81 was a year which magnified the Army's need for a search and rescue capability. The USASC efforts to support corrective action for this shortcoming was oriented toward installation of ELT in all Army aircraft. The requirement for ELT in Army aircraft was discussed in the Army Aviation Training Symposium/Policy Committee Meeting in November 1981 at Fort Rucker and resulted in overwhelming support for installation of ELT in all Army aircraft. This support influenced the Policy Committee members to recommend that DARCOM, in coordination with USASC, identify a common ELT for all type Army aircraft and standardize installation procedures. USASC will continue to work, in coordination with DARCOM, for installation of ELT in all Army aircraft.

#### MANAGEMENT INFORMATION SYSTEMS:

Army Safety Center Computer: USASC continued upgrade of the computer system to support Army Accident Prevention. The acquisition and installation of six additional disk storage devices significantly increased the on-line storage capability of information. A Data Base Management System, Generalized Information Management System (GIM II) was acquired from the CIA. This system greatly facilitates the processing of accident data and provides the capability to accommodate an increased workload within existing programmer resources.

Corps of Engineers Accident Data: The Directorate for Management Information Systems completed coordination with the Corps of Engineers for design of an accident reporting form supporting their operation. Beginning in January 1982 USASC will begin receiving approximately 2500 accident reports annually from the Corps of Engineers.

Alcohol and Drug Abuse Program: In April 1981 it was determined that USASC would provide Automatic Data Processing support for the Army Alcohol and Drug Abuse Program.

#### REPORTS:

The USASC provided 183 recurring reports (daily, weekly, monthly, etc.) to DOD and civilian customers worldwide. This results in a total of 1937 reports. In addition 1121 Ad Hoc requests were processed, of which 494 were aviation data requests, and 315 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 support the

requirements of DOD regulations, DA, Congress, MACOM, installations, other military services and other governmental agencies. The U.S. Army Safety Center processed and coded 20,582 DA Form 285 Accident Reports, 5,086 Preliminary Reports of Aircraft Mishaps (PRAM), and 274 DA Form 2397 reports. In addition, 89 teardown analysis reports and 2056 Accident Exposure Documents (DA Form 2398) were received and processed.

COMMUNICATIONS:

Publications: Significant publications published by the Safety Center during 1981:

FLIGHTFAX (49 weekly issues)

COUNTERMEASURE (11 issues)

SHARE (1 issue)

SYSTEM SAFETY NEWSLETTER (2 issues)

U.S. ARMY AVIATION DIGEST (accident prevention material in 12 issues)

Aviation Safety Officer Handbook

Commanders' Aviation Mishap Prevention Plan

Study of Army Aircraft Maintenance-Related Mishap Experience

Analysis of FY 80 Army Aircraft Accidents

Films: The following safety training films were developed and produced in 1981 by the Army Safety Center:

"Cold Weather Training - The Safe Way"

"NOE Deceleration - The Proper Technique"

"Anatomy of an Accident"

"And Then There Were Two"

"Safe Driving in Germany"

"Marijuana and Army Aviators"

"Alcohol and Army Aviators"

PRESENTATIONS:

Presentations prepared for the following organizations during 1981:

Aviation Training Symposium and Planning Committee

Berlin Brigade

DARCOM

Fifth Army

First Army

Joint Services Safety Conference

Airborne Law Enforcement Association

NATO Safety Workshop

National Guard Bureau  
101st Airborne Division  
Sixth Army  
TECOM  
TRADOC  
USAREUR AAAA Convention

Briefing was prepared for Mr. Walker, Deputy for Environment, Safety and Occupational Health (IL&FM) on "The Value of Safety Training for Youth" to be given at the Eastern National Safety Council Meeting.

A formal briefing on the organization, staffing, and functioning of the Safety Center was prepared and presented to the Chief of Staff, Department of the Army. This briefing was the first US Army Safety Center briefing ever presented to a person at this level of command.

Safety Presentations: The Commander, USASC, participated in and presented briefings on aviation safety at major Army command and Army command aviation safety and standardization conferences, the Joint Services Aviation Safety Conference, and the Aviation Training Symposium and Planning Committee.

GENERAL:

Joint System Safety Panel Fifth International System Safety Conference: The Army System Safety Program concept was presented to the Joint System Safety Panel with the Army visual display which included a video TV tape of the Army application of System Safety to the Life Cycle of the Army Systems.

Joint Services Safety Conference (JSSC): USASC participated in the twentieth Joint Services Safety Conference hosted by the US Navy at Norfolk NAS, VA in September 1981. 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. The forum has agreed to expand the scope of the JSSC to encompass general safety.

NATO Flight Safety Working Party Meeting (FSWP): The US Army was represented by USASC at the nineteenth meeting of the NATO Flight Safety Working Party held in Brussels, Belgium, 7-11 December 1981. Military and civilian aviation safety specialists from all NATO member countries attended. The FSWP is the forum by which Aviation Standardization NATO Agreements (STANAG) for flight safety are established. The twentieth meeting will be held in Brussels, Belgium in 1983. Hosting responsibilities rotate among the members and are on a volunteer basis.

JOINT TRAINING EXERCISE PARTICIPATION: During 1981, the US Army Safety Center provided a team of aviation safety observers to the five major field training exercises indicated below:

JRX Brim Frost 81	Jan 81	Alaska
JRX Border Star 81	Apr 81	Ft Bliss
NG Annual Training	Aug 81	Camp Roberts
25th Inf Div FTX	Oct 81	Hawaii
*included GS observers also		
JRX Bold Eagle 82	Oct 81	Eglin AFB

# 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 (IPRs).

## 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. Kreuzmann	Commander	Entire Year
COL Dudley R. Price	Chief, Professional Services	Entire Year
COL Donald L. Naylor	Chief of Staff	Entire Year

## ACCOMPLISHMENTS:

A twelve-bed obstetrical ward was opened and became fully operational.

A total of 2,073 persons received inpatient care and 189,984 received care on an outpatient basis.

Aviator students trained in aeromedical subjects totaled 2,508.

Aviator students trained in the altitude chamber totaled 2,403.

Flight Surgeons trained and awarded 61ND9 MOS totaled 76.

Flight Surgeons trained in the TH-55 helicopter totaled 76.

A total of 181 medical evacuation missions and 82 Military Assistance to Safety and Traffic (MAST) missions were flown by the Air Ambulance Branch (FLATIRON).

A total of 164 USAAMC personnel participated in annual field training.

SHORTCOMINGS:

The following services were not available routinely due to the lack of physicians: Orthopedic, Dermatology and Urology.

# US ARMY AEROMEDICAL RESEARCH LABORATORY USAARL



## MISSION:

Department of the Army provided USAARL an entirely new mission statement in October 1981. This mission statement reflects emerging Department of the Army requirements for biomedical research and provides for full exploitation of USAARL assets available because of the new facility. Under this new mission statement, USAARL is to develop health standards and criteria for aircrew members, to develop material for health protection technologies, to develop medical materials for aeromedical evacuation, and to perform research and analysis of medical protection in the chemical warfare environment. The additions broaden the scope of USAARL's research efforts. The following is the current USAARL mission statement.

Conducts research and development on health hazards of Army aviation, tactical combat vehicles, and selected weapon systems. Assesses the health hazards from noise, vibration, acceleration, impact, and visual demands of such systems, and defines 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 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 material 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 Class II medical research laboratory of the US Army Medical Research and Development Command (USAMRDC), a Field Operating Agency (FOA) 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 MDW03YAAMO MD0179, dated 30 July 1979. The functional realignment that was effected in October 1980 has been approved at USAMRDC and USAARL continues to operate with three research divisions, two support divisions and the headquarters command. The functional reorganization grouped scientists professionally in relation to program initiatives. Final approval from DA and assignment of a new TDA number have not yet been received.

## PERSONNEL:

Authorized personnel strength was 150; actual strength as of 30 December 1981 was 28 officers, 48 enlisted, and 72 civilians. Co-op students, student aids and temporary hires are counted in the civilian position total. These special programs allowed USAARL to operate close to authorized strength.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Stanley C. Knapp	Commander	1 Jan - 31 Dec 81
LTC Roger W. Wiley	Deputy Commander	1 Jan - 31 Dec 81
LTC Roger P. Hula II	Executive Officer	1 Jan - 31 Dec 81
MAJ Reuben G. Pinkson MAJ Jerry I. Baugher	Adjutant/Detachment Commander	1 Jan - 21 Jun 81 22 Jun - 31 Dec 81
Sybil H. Bullock	Chief, Scientific Information Center	1 Jan - 31 Dec 81
Maxine S. Middleton	Chief, Resource Management Branch	1 Jan - 31 Dec 81
SFC Allison Hutcheson	First Sergeant	1 Jan - 31 Dec 81
Kent A. Kimball, PH.D.	Director, Biomedical Applications Research	1 Jan - 31 Dec 81
LTC John K. Crosley MAJ Bruce C. Liebrecht	Director, Sensory Research Division	1 Jan - 17 Aug 81 18 Aug - 31 Dec 81
MAJ Jerry I. Baugher LTC Aaron W. Schopper	Director, Biodynamics Research Division	1 Jan - 21 Jun 81 22 Jun - 31 Dec 81
MAJ (P) Webster L. Langhorne	Director, Research Systems Division	1 Jan - 31 Dec 81
Mr. Charles D. Williams	Director, Technical & Logistical Services Division	1 Jan - 31 Dec 81

#### ACCOMPLISHMENTS:

USAARL's Move: The move to the new laboratory facility became a reality in October 1981. The ribbon cutting ceremony was held on 6 November, officially opening the laboratory for occupancy. Moving numerous, very different laboratories and equipment is a long and tedious project. However, by the end of December 1981 the move was complete for all but the auditory group. It will be well into calendar year 82 before they begin to move. With adequate space and facilities provided, full implementation of existing research projects and an increase in the scope of the USAARL research mission have begun.

Co-op Program: The cooperative education program is an established and thriving endeavor at USAARL that builds a potential pool of technically trained people for potential hire in specialty vacancies. In addition, this program establishes a relationship with universities that could lead to summer and faculty sabbaticals. In CY 81 an electrical engineering co-op student designed and developed an aviator helmet tester device that simplifies the checking of helmet microphone and earphones. Two co-op students serving as research project technicians are using their work as the basis for their master's thesis. A tri-fold information pamphlet was published this year.

O1H Program: The inter-laboratory coordinated effort by the USAMRDC to obtain biological sciences assistants through college recruitment and reclassification of active duty enlisted members into the O1H MOS has been most effective. Of USAMRDC's 172 authorized positions 94% were assigned with USAARL's 10 authorized positions filled. SP6 Carol Bucha of USAARL served as the O1H program coordinator for the command.

Flight Hours: Research aviators assigned to USAARL flew four aircraft modified as research platforms for 420.2 hours of research missions and 455.8 hours of training missions, for a total of 876 flight hours during CY 81.

The Scientific Information Center: The Scientific Information Center's mission was updated and broadened in CY 81 to include responsibility for technology data transfer to other agencies and information services. As the centralized scientific research information and reference center for the Army aviation community concerning aeromedical and life sciences research, personnel performed 20 literature searches, provided the Office of The Surgeon General (OTSG) a report on problems of research libraries, purchased microfiche of the entire collection of Government Reports Index and of all DA, DOD and civilian personnel regulations including Federal Personnel Manuals and X118 Standards, and provided documentation necessary for purchase of equipment and on-line data base services of Lockheed DIALOG. Two training seminars in use of on-line data systems were held for researchers, Scientific Information Center personnel, and local librarians. The FY 82 Affirmative Action Plan and first statistical analysis of the USAARL workforce were prepared.

To overcome the difficulty of recruiting scientific academicians to a research laboratory in an agrarian area, USAARL developed and expanded an extra mural scientific research contract program. Through this program, work of outstanding academic talent supports our mission and helps USAARL build a rapport with institutions of higher learning, thereby enriching our scientific research.

An equipment usage and control program was established for identification and disposal of excess equipment, for programming and budgeting of special purpose equipment and for long-range planning for unique research equipment and scientific technology update.

An in-house incentive awards committee was established and assists the commander in improving the quality of incentive award nominations and approvals.

Organized and chaired two NATO Aerospace Research and Development (AGARD) Aerospace Medical Panel meetings. Mr. Robert Camp was co-organizer of the meeting "Aural Communications in Aviation," held at Soesterberg Airbase, Netherlands, 29 March - 3 April 1981. Mr. Joseph L. Haley, Jr., organized and will chair the meeting "Impact Injury Caused by Linear Acceleration; Mechanisms, Prevention and Cost" to be held 26-29 April 1982 in Cologne, Germany.

A test project agreement was entered into by USAARL and the Flight Medical Department, Army Aviation, Commonwealth of New Zealand, in 1981.

The test project agreement between USAARL and the Institute of Aviation Medicine, Farnborough, England, to conduct field tests and laboratory tests on the suitability of aviator chemical defense ensembles continues.

#### RESEARCH ACTIVITIES:

A study was conducted to determine whether the lack of visual pigment, a congenital defect, played a role in susceptibility to noise induced hearing loss. Preliminary analysis of data shows no major relationship between potential hearing loss and quantity of pigmentation.

Evaluation was made of an aviation problem in which pilots reported seeing double flashes when, in fact, the source was a single flash. This fast, multiple transient perceptual response to a single flash of light has been defined and quantified.

Man-rating major weapon systems continued. A field study validated the adequacy of E-A-R earplugs to provide adequate hearing protection for two rounds fired in rapid succession from the VIPER (a shoulder-fired anti-tank rocket.) In October 1981, a field study to assess directly the adequacy of E-A-R earplugs for crewmembers firing the M198 (the Army's new 155 mm towed howitzer) was conducted at Aberdeen Proving Ground. Analysis of these data has not been completed. Weapon systems man-rated with single ear protection eliminate expenditures of considerable sums which could lead to proliferation of protective helmets.

In studies using chinchillas to assess the role of peak pressure in determining noise-induced hearing loss, researchers found peak pressure is not the major determinant of injury. The studies show that the technique of averaging the peak pressures from several exposures underestimates the actual degree of risk.

USAARL contracted for the design of crash force attenuating "crushable" earcups. The new design "crushable" earcups were evaluated. Noise attenuation tests on the prototypes were satisfactory and inert mass impact tests revealed adequate "crushability."

A comparative summary of vibration levels in Army helicopters that included a proposal for measurement standardization was completed.

Concept evaluation of two onboard oxygen generating systems (OBOGS) using molecular sieve technology was conducted in a JU-21G fixed wing aircraft. The results obtained to date indicate that sufficient oxygen is generated by these units to support two subjects in a dynamic breathing study. Work on the OBOGS continues.

In studies of dark adaptation it was found that under conditions of nearly total darkness red lighting preserves dark adaptation from 10 to 30 times better than blue-white light; under simulated full moon illumination there is no difference between red and blue-white illumination with respect to their effect upon dark adaptation; and there was a spreading of adaptational effects to the non-stimulated area of the retina which cannot be explained solely by stray light.

The visual properties of the sun, wind, and dust goggles were evaluated and found to be suitable in a desert environment for aviation use instead of the helmet visor.

The 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. Additional data have been collected comparing the visual workload of pilots during scout helicopter operations in the OH-6 and OH-58 helicopters.

At the request of the Commander, Health Services Command, four aviation medical evacuation units were evaluated to identify unique health hazards, workload problems, and morale issues.

The effects of whole-body, low-frequency vibration of a semi-supine seat in an advanced combat vehicle were assessed. The neck muscle stress data demonstrated that a significant increase in muscle stress occurred in the full supine seat position when the volunteer lifted his head to isolate it from headrest vibrations. It was found that visual acuity decrements were greater (1) under high vibration amplitude, (2) for the 44° seat back angle than the 34° position; (3) with the head resting on the head support than raised off it, (4) for low contrast targets than for high contrast, and (5) for rapidly moving targets than for stationary or slowly moving targets. The evaluation of cardiopulmonary mechanics demonstrated that with vibration, cardiac output generally decreases by 10 percent and minute volume increases.

Minimal acceptable real-ear attenuation characteristics, based on present state-of-the-art technology, were recommended for the combat vehicle crewman's (CVC) helmet.

In a study of U. S. Coast Guard scan behavior during search and rescue operations, visual data were collected from aircrewmembers in a HH-3F helicopter, and lookouts aboard both an 82-foot cutter and a 210-foot cutter. The data are being analyzed.

#### PUBLICATIONS:

During 1981 USAARL published 10 letter reports, 7 technical reports, and made 25 presentations. There were 3 articles published in the open literature. The report number and title of the technical reports are:

USAARL 81-1. Aeromedical Factors in Aviator Fatigue Crew Work/Rest Schedules and Extended Flight Operations

USAARL 81-2. When the Grand Tour's a Grind (Reprint)

USAARL 81-3. Vibration in a Helmet Mounted Sight (HMS) Using Mechanical Linkage.

USAARL 81-4. Helicopter Crashworthy Fuel Systems and Their Effectiveness in Preventing Thermal Injury (Reprint).

USAARL 81-5. Vibration Levels in Army Helicopters--Measurement Recommendation and Data.

USAARL 81-6. Computer Model for the Evaluation of Symbology Contrast in the Integrated Helmet and Display Sighting System.

USAARL 81-7. Operator's Manual for Variable Weight, Variable C. G. Helmet Simulator (Reprint).

# 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	23 Aug 81 to Present
Major Gordon L. Rogers	Research & Development Coordinator	Entire Year

## ACCOMPLISHMENTS:

Work was initiated on the analysis of performance (task analysis) of combat missions by varying combinations of three emerging Army helicopters: the near-term Scout, the AH-64 and the AH-1S (FM). This effort will produce a detailed description of crewmember performance and training requirements for each crew station in the three helicopters. The information derived from this research will aid in the development of comprehensive training programs for effective systems employment as well as rational methods for identifying crewmember qualifications.

The Revised Flight Aptitude Selection Test (FAST) was evaluated for fairness to all applicant groups. Minor factors were noted and wording changes for a few of the questions are being developed for implementation in future forms of the FAST.

An evaluation of attrition in the Warrant Officer Candidate (WOC) Military Development and Initial Entry Rotary Wing (IERW) flight training program was completed for the Commanding General (CG) and Deputy Commanding General (DCG). The evaluation indicated that FAST, age, General Technical (GT), and education information correctly predicted PASS-FAIL in IERW for WOCs at the 72% level and FAST, age and education information correctly predicted PASS-FAIL in IERW for Commissioned Officers at the 79% level. This information along with source of entry data and FAST cut score data was found to be important for use by the Military Personnel Center (MILPERCEN) and the US Army Recruiting Command (USAREC) aviator selection personnel. A coordination meeting with the US Army Aviation Center (USAAVNC), ARI, MILPERCEN, USAREC and Training and Doctrine Command (TRADOC) personnel was established.

An automated UH-1 flight simulator (FS) performance measurement grading system was completed and demonstrated. The system was designed to aid the instructor pilot in the measurement and grading of instrument flight in the UH-1FS.

A transfer of training effectiveness evaluation of the UH-60FS was initiated for the US Army Aviation Board. The objective of the project was to determine for each maneuver, the effectiveness of the varying amounts of training in the UH-60FS for sustaining flying skills. The effort was designed to answer three questions: Which flight tasks require continuation training? Of these tasks, which is the UH-60FS effective in supporting for continuation training? What amount of UH-60FS training is required to support each task?

Training procedures, including a Program of Instruction (POI), recommended courseware, and testing material was developed at the USAAVNC and provided to Forces Command (FORSCOM) units for tryout on individual ready reserve aviators. These materials were developed with the intent of providing techniques which could be used to help rated aviators to renew, enhance and maintain combat helicopter flight skills and improve methods for assessing readiness of aircrews.

An evaluation of the Aviation Warrant Officer (AWO) attrition problem was completed for MILPERCEN and the USAAVNC. Demographic information associated with the loss of AWOs from the Army prior to retirement was reported along with the stated factors influencing the decision to attrite. The results of the evaluation were reported in the August, September, November issues of the Aviation Digest. A follow-on article by MILPERCEN (December issue of Aviation Digest) described the action plan generated to aid in the retention of AWOs.

### ***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	Arr - 15 Oct 81
LTC Gerald Cornell	Chief	Dep - 14 Oct 81
Mr. Ronald G. Short	Logistics Management Specialist(LMS)	Arr - 11 Oct 81
Mr. William W. Vaughan	Logistics Management Specialist(LMS)	Dep - 18 Oct 81
Ms. Joyce M. Rudd	Secretary	Entire year

### Field Maintenance Technicians attached to the LAO

Mr. Earnest E. Burton	US Army Armament Materiel Readiness Command (ARRCOM)	Dep - 30 Sep 81
Mr. Charles W. Woosley	US Army Armament Materiel Readiness Command (ARRCOM)	Dep - 20 Dec 81
Mr. Samuel E. Mills	US Army Communications Electronics Materiel Readiness Command (CECOM)	Entire year
Mr. Morris H. Burkett	US Army Missile Command (MICOM)	Dep - 14 Oct 81
Mr. Lawrence W. Fleck	US Army Tank-Automotive Command (TACOM)	Dep - 29 May 81
Mr. Marcus H. Hillyer	US Army Tank-Automotive Command (TACOM)	Arr - 4 Dec 81
Mr. Cidney H. Cox (Gulfport, MS)	US Army Troop Support & Aviation Materiel Readiness Command(TSARCOM)	Dep - 9 Feb 81
Mr. Roy H. Dixon (Meridian, MS)	US Army Troop Support & Aviation Materiel Readiness Command(TSARCOM)	Dep - 26 Dec 81
Mr. John W. Findley	US Army Troop Support & Aviation Materiel Readiness Command(TSARCOM)	Entire year
Mr. Thomas J. Lowe	US Army Troop Support & Aviation Materiel Readiness Command (TSARCOM)	Arr - 4 Oct 81
Mr. Irwin C Rice	US Army Troop Support & Aviation Materiel Readiness Command(TSARCOM)	Dep - 10 Jan 81
		Entire year

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 81, there was again a marked 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; 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 workload. As a result, over 900 requests for assistance were received, 1156 manhours were expended training 913 students, over \$160,000 cost savings was realized, and 147 Logistic Information Feedback Reports were submitted.

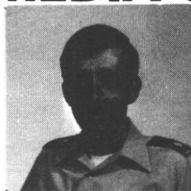
Annual Training (AT) at Camp Shelby, Mississippi, continued to be one of the major missions supported by the LAO. An LAO Field Office was established and operated at Camp Shelby from 22 May - 8 August 1981. This office was manned full time by LAO Field Maintenance Technicians from ARRCOM, CECOM, and 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, M920 series commercial construction equipment vehicles, the AH-1S Modernized Cobra, UH-60 Blackhawk, and the XM920 6000-gallon Water Distributers. In addition, LAO personnel participated and assisted with Mobilization and Emergency Deployment Readiness Exercises (MOBEX and EDRE) and assisted DIO personnel at Fort McClellan and Fort Rucker in resolving problems surfaced and identified by Command Logistics Review Team (CLRT), Logistic Assistance Team (LAT) and Aviation Resource Management Survey (ARMS) visits.

Increased logistic/supply assistance support by obtaining and using, on a daily basis, a remote data terminal to provide "real time" supply requisition status to Reserve and National Guard customers.

LAO made initial visits to over 73 National Guard and US Army Reserve units/organizations "new customers" during FY 81.

# ARMY NATIONAL GUARD (ARNG) MULTI-MEDIA GROUP



MISSION:

Manage 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 (USP&FO) for Alabama.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Kenneth O. Boley	Manager	Entire Year
CPT Gary E. DeKay	Training Specialist (Safety)	Entire Year
CW3 William W. Shawn	Training Specialist (Aviation)	Entire Year
WO1 Ronald G. Swihart	Illustrator	Entire Year
SSG Jules M. Hobbie	Media Specialist	Entire Year
Mrs. Shirley Hughes	Administrative Specialist	Entire Year

ACCOMPLISHMENTS:

The Group was originally organized in 1973 with responsibility for supporting the individual aviator proficiency training programs throughout the Army National Guard. That mission was accomplished by developing audiovisual packages composed of all available multimedia material in the Department of Defense structure, supplemented by in-house produced material to meet ARNG requirements not satisfied by other sources.

In 1977 the Group assumed responsibility for developing training materials for the ARNG General Safety Program, covering all aspects of safety to include the Occupational Safety and Health Act (OSHA) of 1970.

In 1979 the Group began to develop materials in support of the ARNG Aviation Life Support Equipment (ALSE) Program.

Thus by 1980 the Group's mission encompassed responsibility for developing and managing audiovisual training materials for the ARNG's aviation, ALSE, and general safety programs.

Accomplishment of that mission was possible due to a media-oriented staff with in-house television, sound slide, and audiotape capabilities, and an ability, through HQDA-sanctioned contractual arrangements, to develop 16mm films. The organization's capabilities were further enhanced by its designation as a non-TRADOC school for the production of Training Extension Course (TEC) materials by the US Army Training Support Center (ATSC) at Fort Eustis, Virginia.

Some of the major accomplishments of the Group in support of its three major program areas during 1981 included:

40,912 lesson replications distributed throughout the ARNG in the television, sound slide, slide script, audiotape, 16mm film, printed, and Beseler Cue See formats.

136,335 full-color posters distributed in support of the three programs. The ALSE posters, having been adopted by the DARCOM ALSE Project Manager's Office, were distributed worldwide to active Army units.

18 television programs produced in support of ARNG ALSE training. These expanded the Group's ALSE library to nearly 40 individual lessons, providing ARNG aviation personnel with the most comprehensive ALSE training package in the Army structure.

Two comprehensive, multifaceted general safety special emphasis countermeasure programs aimed at reducing ARNG accidents and fiscal losses during annual training were designed and fielded Guard-wide. Major elements of the programs were as follows:

"Operation Safe-Guard I--Arrive Alive" (Annual Training 1981)

Videotapes--Introduction to the Program	54
Videotapes--"Operation Safe-Guard I--Arrive Alive"	334
16mm Films--"Operation Safe-Guard I--Arrive Alive"	498
Information Brochures	5,000
Recall Decals	390,000
Vehicle Decals	300,000
Logbook Aids	150,000
Posters (5 different ones)	35,000

"Operation Safe-Guard II--Plan, Prepare, Perform" (Annual Training 1982)

Videotapes--"Operation Safe-Guard II--Plan, Prepare, Perform"	260
16mm Films--"Operation Safe-Guard II--Plan, Prepare, Perform"	447
Information Brochures	396,000
Recall Symbols	396,000
Posters (3 different ones)	42,000

National Guard Bureau statistics indicate that the ARNG Army motor vehicle (AMV) accident rate decreased by 49 percent from 1979 to 1981, and much of that reduction can be credited to the "Operation Safe-Guard I--Arrive Alive" program and its predecessor, "AT 80--15 Days to Success," fielded the previous year.

A major videotape presentation, "How Not to Crash by the Book," was developed on OH-58 helicopter loss of tail rotor effectiveness. The videotape was made mandatory viewing for all ARNG observation helicopter pilots by National Guard Bureau, and the US Army has initiated action to adopt the presentation as an official Army training film.

Two major training courses, a Unit Safety Officer/NCO Training Course and a Range Safety Course, continued development in the TEC program. During 1981 distribution Guard-wide of completed lessons included 17,958 lessons by the TEC system in Beseler Cue See format, plus 18,397 lessons by the Group in printed format.

SHORTCOMINGS:

The major shortcoming impacting upon the Group's program in 1981 involved failures of the TEC development structure to meet contractual completion dates. Fourteen lessons of the Unit Safety Officer/NCO Training Course scheduled for fielding Guard-wide in Beseler Cue See format failed to be distributed during the year.

Additional shortcomings involved failures of the Group to complete all scheduled in-house productions. Factors included a backlog of graphics support, an administrative delay in the renewing of a professional voice contract, the mutual nonavailability of Group and external organization personnel at scheduled production periods, and the restructuring of activity 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 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

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Loretta Culpepper, GS-11	Property Disposal Officer	Entire Year
Enzell Tharpe, GS-9	Property Disposal Specialist-Utilization	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 1981 the activity accomplished the following:

Line Items Received	13,743	Acquisition Cost	\$14,547,176
Line Items Disposed of	13,860	Acquisition Cost	\$13,760,238
Line Items Reutilized and Transferred	1,665	Acquisition Cost (an increase of over a million dollars)	\$ 3,918,840
Line Items Donated	2,659	Acquisition Cost	\$ 1,505,708
Usable Property Sold			
Acquisition Cost	\$1,877,340	Proceeds	\$ 187,141
Percent of Returns	10%		
Sale of Scrap, Net Tons	1,507	Proceeds	\$ 114,830

Precious Metals

Received from the installation and shipped to DPDM-Earle for recovery.

Grams of Silver	20,297
Pounds of Precious Metal Bearing	10,758

The reutilization of property to the Department of Defense (DoD) and authorized Federal Agencies, to include forestry services, is the main emphasis of the disposal program. During FY 1981 DPDO Rucker reutilized property valued at \$3,618,810 to other DoD activities.

Employee awards received during this period included 3 Outstanding Performance Awards, 2 quality step increases and 1 adopted suggestion.

DPDO Rucker was selected as Worldwide DPDO of the Year, Small Category, for 1981. DPDO of the Quarter, Memphis, Region, was awarded to DPDO Rucker for the 1st and 2nd quarters FY 81; top 5 for 3rd quarter and first runner up 4th quarter.

Established goals for reutilization and sales were met and exceeded.

SHORTCOMINGS:

Outside storage 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 the outside storage facilities, however, not all improvements were accomplished. The plan called for improvements to the facilities, scrap segregation and storage of property and scrap. Major improvements required approval by DPDR Regional Office and the installation of a project for moving scrap yard, blacktopping and graveling.

Established goals for generations, transfers and donations were not met due to type property received and increased reutilization.

# 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. Three regions are in CONUS, one in Europe, one in the Pacific, and the 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>
CPT Karl C HUBBARD	Commander	Entire Year
SA David F JOHNSON	Chief, Investigative Operations	Entire Year
SA Morris E CARLTON, Jr	Chief, Investigative Support	Entire Year
SA G Edward KOPFLE	Criminal Information Officer	2 Mar 81 - present
Mrs Neva C WILLIAMS	Chief, Administrative Support	26 Jul 81 - present

## ACCOMPLISHMENTS:

Investigative activities of the Fort Rucker Field Office (redesignated the Fort Rucker Resident Agency on 1 Oct 81) remained about the same in the area of on-post investigations, with the majority of the offenses being crimes against property. Through a continued combined effort between the Provost Marshal and the Criminal Investigation Division (CID), a Drug Suppression Team was operational throughout the report period. Due to these efforts, a significant increase in drug investigations was realized, especially during the first half of the year. There was a continued emphasis on Crime Prevention Surveys being conducted. Polygraph examinations and Criminal Information Reports remained relatively stable during the period. There was no marked increase in the Leads/Requests for Assistance received. There was a slight decrease in the number of evidence vouchers retained in the evidence depository. No protective service missions in the local area were received, however, this office was tasked by HQ, USACIDC, to provide personnel during the year to PS missions in other areas.

# US ARMY DENTAL ACTIVITY



## MISSION:

The mission of the US Army Dental Activity is to provide dental diagnosis treatment, consultation and preventive care to all eligible beneficiaries. The Dental Activity is responsible to the Ft Rucker Commander for the dental health of the Ft Rucker community and the oral health readiness posture of his troops. The Dental Activity also provides readiness training for its own personnel and Reserve and National Guard individuals assigned for annual training.

## ORGANIZATION:

Since Ft Rucker has been authorized to provide Dependent Dental care by the Department of Defense, the Dental Activity is organized into three separate dental clinics. Dental Clinic #1 provides comprehensive treatment for all active duty military personnel plus specialty care for others in the field of periodontics, prosthodontics and endodontics. Dental Clinic #2 provides comprehensive treatment for family members over the age of 12. Dental Clinic #5 (School Clinic) provides comprehensive care for all children under 12 years of age.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Kent Acomb	Commander	Dep - 11 Jun 81
COL Belman C. Maddox	Commander	Arr - 12 Jun 81
LT Stephen Bradley	Executive Officer	Dep - 1 Jan 81
LT Samuel E. Faires	Executive Officer	Arr - 2 Jan 81
SFC Phyllis A. Walker	First Sergeant	Entire Year
COL Kahn K. Walker	Chief, Dental Clinic #1	Entire Year
COL Nick S. Klonaris	Chief, Dental Clinic #2	Arr - 8 Jun 81
LTC Leonard A. Hoffman	Chief, Dental Clinic #5	Entire Year

## ACCOMPLISHMENTS:

The number of troops placed in optimum dental health and dentally\*ready for deployment doubled during 1981 as a result of concentrated attention.

Training objectives were met and a training program in combat casualty care was initiated for all dental officers.

The DENTAC decentralized its supply system freeing a complete building for Post use or closure in order to save energy.

## SHORTCOMINGS:

On 20 July 1981, the hospital dental clinic (Dental Clinic #3) was temporarily closed (possibly 3 years) pending hospital construction.

The DENTAC experienced a RIF action in February 1981 resulting in a loss of 7 civilian auxiliary personnel. The number of assigned dental officers was reduced from 21 to 14. Consequently, one school clinic (Dental Clinic #4) was closed to provide more efficient utilization of reduced number of personnel.

# 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 maintenance. 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 back up Direct Support (DS)/General Support (GS) level maintenance for non-tactical Air Traffic Control navigational aids (NAVAIDS) facilities within the 7th Signal Command area of responsibility. Provide a Direct Exchange (DX) repair and supply facility for non-tactical ATC and NAVAIDS equipment.

## ORGANIZATION:

From 1 January 1981 to 31 October 1981 USACC-Fort Rucker was organized with the Office of the Commander, Headquarters and Service Company, Support Division, Air Traffic Control Navigational Aids (NAVAIDS) Maintenance Division, Air Traffic Control Operations Division, Army Radar Approach Control (ARAC) Division, Air Traffic Control/Area Maintenance Facility (AMF) and Communications Division. Effective 1 January 1981 the 256th Signal Support Company (Area Maintenance Support Facility) came under operational control of ACC Forces Command vice USACC-Fort Rucker. A memorandum of agreement between USACC-Fort Rucker and the 256th Signal Support Company is in effect. Department of the Army, Headquarters US Army Communications Command, permanent order 109-1, 22 September 1981, redesignated and reorganized USACC-Fort Rucker as USACC Signal Battalion-Fort Rucker effective 1 November 1981. This reorganized the unit with the Office of the Commander, Headquarters Support Company, Basefield Company, and Stagefield Company. The command section includes the Commander, S-2/S-3, XO/S-4, S-1 and CSM.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>	
LTC Paul J. Turcotte	Commander	Dec 81	Present
LTC Robert D. Price	Commander	May 80	Dec 81
MAJ Alexander D. Tarker	Executive Officer S-1/4	Apr 81	Present
MAJ Terry D. Murphy	Executive Officer	Jan 80	Jul 81
Mr Gerald H. Jones	Deputy	Jan 75	Present
CSM James K. Brock	Command Sergeant Major	Jul 80	Present
MAJ Raymond F. O'Neill	S-2/3	Oct 80	Present
CPT James A. Fuller	Cdr, Basefield Co	Oct 80	Present
CPT Euford E. Herring	Cdr, 256th Sig Spt Co	Oct 79	Present
1LT Kathleen Boyer	HQ Support Co	Aug 80	Present
1LT David Dunn	Cdr, Stagefield Co	Nov 81	Present
WO-3 Rodney Bledsoe	Ch, Maint Div 256th Sig Spt Co	Aug 81	Present
WO-1 Jose L. Agosto	Ch, Maint Div 256th Sig Spt Co	Jul 80	Aug 81
Mr Benjamin F. Howell	Ch, ATC/Nav aids	May 51	Present
Mr Sam C. Williams	Ch, Comm Div	Oct 52	Present
Mr Samuel T. Benton	Ch, ARAC	Mar 55	Present
Mr Don Eagerton	Ch, AMF	Jul 60	Present

## ACCOMPLISHMENTS:

### Headquarters Support Company:

Organization Day - 12 Sep 81, held in Company area.  
 Primary Leadership Graduates - 37 (Honor Graduates - 1).  
 Advanced NCOES - 7 (Distinguished Graduates - 1).  
 Total Reenlistment for Calendar Year 1981 - 95

Nuclear, Biological, Chemical Graduates - Class 5-81 - 1.  
 First Sergeant Course Graduates - 4.  
 Equal Opportunity (EO) Graduates - 4.  
 Officer/Warrant Officer ATC School Graduates - 6.  
 Tenant Activities NCO and Soldier of the Month:

<u>NCO</u>	<u>SOLDIER</u>
Jan 81 - None	Jan 81 - SP4 Seymor Brown
Feb 81 - SP5 Terry A. Shell	Feb 81 - SP4 John E. Gilliard
Mar 81 - SSG Patrick Peterson	Mar 81 - None
Apr 81 - None	Apr 81 - None
May 81 - None	May 81 - SP4 Arthur R. Marsh
Jun 81 - None	Jun 81 - SP4 Bruce Demotts
Jul 81 - SP5 Joseph M. Johnson	Jul 81 - None
Aug 81 - SP5 Kraig J. Tolliver	Aug 81 - SP4 William C. Dunn
Sep 81 - SP5 Joseph M. Johnson	Sep 81 - None
Oct 81 - None	Oct 81 - SP4 Robert Ulrigg
Nov 81 - SP5 Ronald K. Treadway	Nov 81 - None
Dec 81 - SP5 James J. Shivers	Dec 81 - None

Post NCO of the Month:

Sep 81 - SP5 Joseph M. Johnson  
 Dec 81 - SP5 James J. Shivers

Post Soldier of the Month:

Feb 81 - SP4 John E. Gilliard

Support Division:

A Foam-In-Place machine was installed in the Supply Branch which resulted in a savings of resources and greatly increased protection to the contents by surrounding the packaged item with a light-weight material with sufficient strength to prevent shifting during transit. The lighter weight has allowed packages to be shipped by United Parcel Service that otherwise would have required shipment by more expensive means or by a slower method of transportation.

ATC Operations Division:

1. Provided air traffic control training for several reserve units during their two week summer camp at Fort Rucker (Summer of 1981).
2. Provided 79 personnel in support of the Federal Aviation Administration during the air traffic controller's walkout while still accomplishing the mission at Fort Rucker. There were 48 controllers on TDY to FAA on 31 December 1981.
3. Stagefield Branch:
  - a. Allen - Closed 15 June 1980 for upgrade (PN 213 Stagefield Upgrade Program). Reopened 5 October 1981. Items completed: Lighting on 6 lanes, 12 concrete parking pads, new stagefield house, and new access road on west side.
  - b. Hooper - Closed 8 December 1980 for upgrade. Reopened 15 June 1981. Items completed: Lighting on 6 lanes, widening of 6 lanes, and a new stagefield house.
  - c. Ech - Closed for upgrade 18 May 1981. Reopened 26 October 1981. Items completed: Lighting on 3 lanes, widening of 3 lanes, 10 concrete parking pads.
  - d. On 15 July 1981, Matteson and Blacksmill Towers were used in support of tactical training exercises conducted by the post to demonstrate the latest concepts of Army Aviation to both the civilian and military communities.

4. Basefield Branch:

a. Blue Springs Facility opened a ground controlled approach section with Precision Approach Radar and Airport Surveillance Radar (PAR/ASR) approaches in February 1981.

b. Runkle Tower took possession of a new metal building in September 1981 for use by facility administration and training of personnel.

Army Radar Approach Control Division:

1. Cairns ARAC performed 163,425 civil and military instrument operations during FY 81. This is a decrease of approximately 4% over the previous year and is attributable to the ARAC being closed on weekends for 10 months this year. Traffic count for the collocated central Control Facility (HUB) was 64,095, which reflects a 42% increase.

2. The SOYA nondirectional radio beacon was installed and commissioned to enhance NDB capabilities in the south sector. A new instrument approach procedure was developed and implemented for this beacon.

3. A new Letter of Agreement with C Troop 1/6 Cavalry (Delta Company 229th, 101st Airborne) was developed and implemented to govern IFR/SVFR procedures at Guthrie AAF.

4. A ground controlled approach facility was installed at Blue Springs Stagefield. HUB Control provides ground controlled approach pattern vectors.

AMF/ATC Division:

1. The Mobile Maintenance Contact Team made 65 visits, providing on site technical assistance in restoring critical air traffic control/navaids systems. These assistance visits were made to installations within CONUS, Alaska, Germany, Korea, and Japan. Technical assistance was provided daily by telephone to the various sites by the MMCT personnel. This service resulted in restoring many air traffic control/navaids systems without temporary duty costs.

2. The Direct Exchange Maintenance Branch repaired and returned to customers or to direct exchange supply stock 2,055 printed circuit boards and modules utilized in air traffic control/navaids equipment. This was an increase of 28% over FY 80. The branch has utilized five temporary electronic mechanics to prevent an excessive backlog of work requests.

3. The shop/bench stock supplies which support the Mobile Maintenance Contact Teams and the Direct Exchange Maintenance Branch has grown to approximately 4,600 line items. This supply has been maintained by one temporary supply clerk with assistance from AMF/ATC electronic technicians.

4. The increased work load on the AMF/ATC Division during FY 81 has contributed to new and additional equipment being installed within the 7th Signal Command area e.g., AN/FRN-41 TVORS and AN/FSW-84 radar systems. This trend is expected to continue during FY 82 as more of these systems and the Nautel NDB (T-1428/FRN) is fielded.

Communications Division:

1. TELER TDC-RKR-022CU-184, Distribution System to support the Data Acquisition, Processing and Retrieval System (DAPARS) was installed at Cairns Army Airfield for the United States Army Airfield for the United States Army Aviation Development Test Activity (USAADTA) in February 1981. The DAPARS consists of 8.6 miles of coaxial cable, a central processing unit and 40 terminals.

2. TELER TDC-RKR-022CU-157, UNISCOPE 200 was installed in the Telecommunications Center in support of optical character recognition equipment (OCRE) to enhance the capability of the Telecommunications Center to more efficiently process outgoing messages.

3. A new battery room was added to Building 141 to provide a separate storage area for batteries which support power system to the telephone dial central office.

Quality Assurance Branch:

1. SSG Tolliver was assigned to the Quality Assurance Branch to provide additional support in inspecting/evaluating the overall effectiveness of the radio and avionics maintenance being conducted on the T-1 control towers.
2. Developed and implemented an operational and organizational maintenance inspection program to include new inspection checklists.

Navajids Maintenance Division:

1. The new Electronic Maintenance Shop and Transmitter building was completed and turned over to USACC for occupancy on 11 March 1981. All the ATC radio transmitters were transferred into the new building and the old transmitter building removed.
2. A project was initiated to renovate, overhaul, and upgrade the thirteen AN/TSQ 70A T1 air traffic control towers. The work is approximately one third completed. This project will upgrade and enhance the operational capabilities and extend the service life to the T1 towers another five to ten years.
3. The ground controlled approach radar at TAC Runkle, which was not fully utilized, was moved to Blue Springs and established as an operational system. This move enhanced the total air traffic control capabilities of the Aviation Center.
4. All of the deteriorated, temporary Nondirectional Radio Beacon buildings were replaced with new, metal, prefab buildings.
5. ARAC Maintenance personnel received 1,760 hours of formal training at the FAA Academy Oklahoma City, Oklahoma, on new equipment that is being added to the ARAC system.
6. The new Troy Airport Control tower was completed and activated on 25 November 1981.

# 3588TH FLYING TRAINING SQUADRON (AIR TRAINING COMMAND) USAF



MISSION:

Squadron personnel monitor the overall Army Undergraduate Helicopter 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 U. S. 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	Arr - 16 Nov 81
LTC John C. Cody	Commander	Dep - 27 Nov 81
LTC Donald M. Douglas	Executive Officer	Entire Year
MAJ Richard L. Gardner	Operations Officer	Entire Year
CPT Harry W. Whitaker III	Chief, Stan/Eval	Arr - 25 Jan 81
CPT Bruce R. Gunn	Chief, Academics	Entire Year
CPT William H. Payne	Chief, Academics	Dep - 10 Jul 81
CPT William M. Collins	Chief, Flight Training	Entire Year
CPT Daniel C. Daley	Chief, Flight Training	Dep - 30 Apr 81
2LT George S. Wamhoff	Administrative Officer	Entire Year
MRS. Annette S. Collins	Secretary	Entire Year

ACCOMPLISHMENTS:

The squadron received the National Safety Council Award of Commendation for ground safety for the year 1980.

The first Air Force female Undergraduate Pilot Training - Helicopter (UPT-H) student, 2LT Mary Lee Sergi (the former Mary Lee Wittick graduated 13 Feb 81).

Captain Jeffery M. DePasquale was honored by the Texas Air Force Association as the Air Training Command Instructor Pilot of the Year for 1980. This was the first time that an Air Force helicopter pilot had received this honor.

The squadron graduated 102 UPT-H students during the year. Of these students, 35 received graduate honors.

Lieutenant Colonel Hans E. Hanson assumed command of the 3588th Flying Training Squadron effective 16 Nov 81. He was previously the Director of Aircrew Standardization for Headquarters, Aerospace Rescue and Recovery Service, Scott Air Force Base, Illinois.

SHORTCOMINGS:

Unable to reach a mutually acceptable agreement with the Army concerning the possibility of the Air Force providing an increase in the number of pilots assigned to the 3588th Flying Training Squadron for the purpose of instructing students in Initial Entry Rotary Wing training.