

# US ARMY AVIATION CENTER



*WE STRIVE FOR EXCELLENCE*



# HISTORICAL SUPPLEMENT

**FORT RUCKER, ALABAMA 36362**

**1980**

**U.S. ARMY AVIATION CENTER**

**AND**

**FORT RUCKER**

**ANNUAL HISTORICAL SUPPLEMENT**

**1980**

**PREPARED BY: DPCA HISTORIAN  
U.S. 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 1980. 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 1980 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.

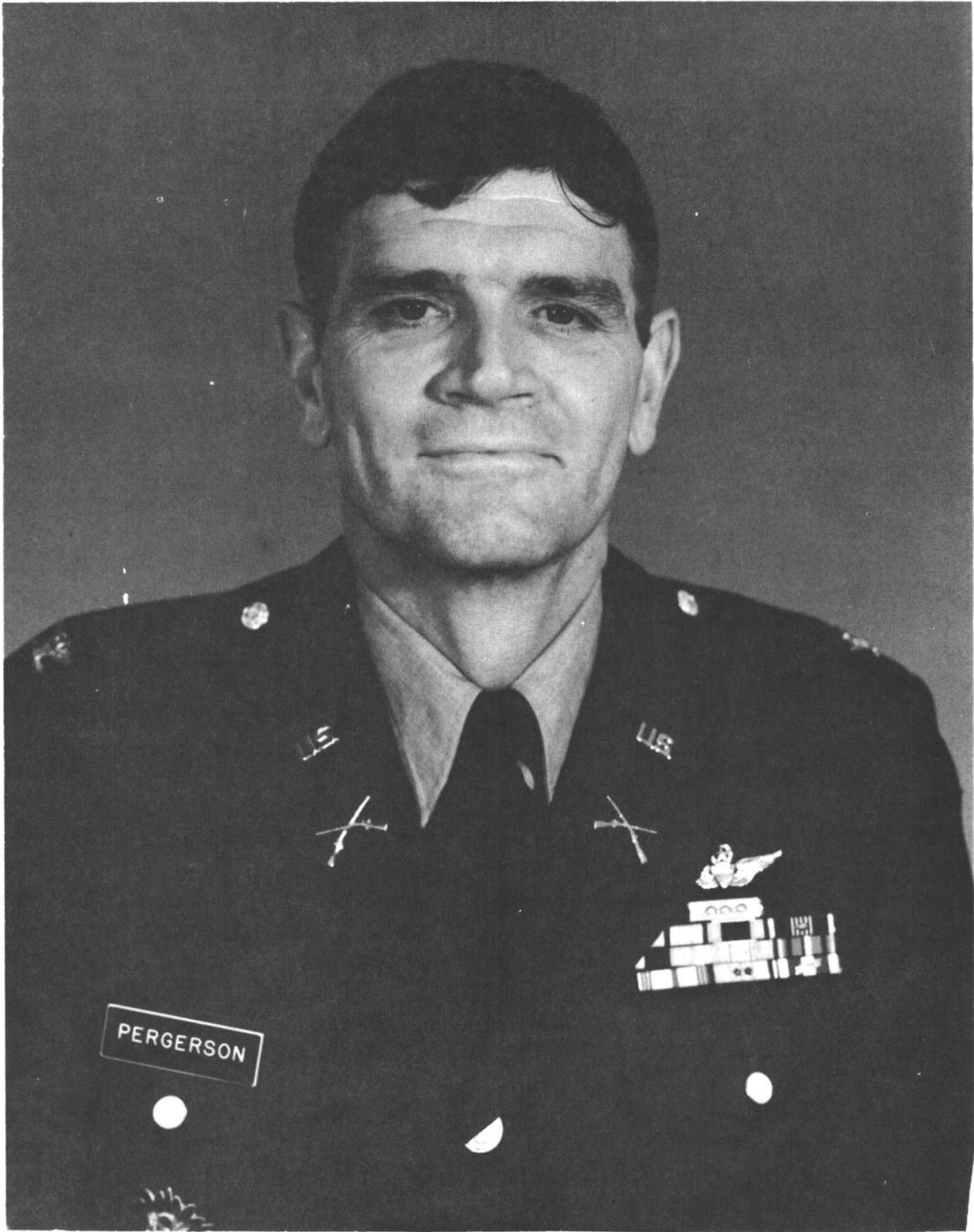
(Extracted from USAAVNC Regulation 10-1)







Major General Carl H. McNair, Jr., assumed command of the United States Army Aviation Center/ Fort Rucker on 28 July 1980.



Colonel Benard S. Pergerson, Jr., was assigned as Chief of Staff, United States Army Aviation Center/Fort Rucker, on 19 June 1980.



Colonel Richard E. Mackin was assigned as Assistant Chief of Staff/Deputy Installation Commander, United States Army Aviation Center/Fort Rucker on 14 July 1980.



Command Sergeant Major D. L. Spears assumed duties as Command Sergeant Major, United States Army Aviation Center/Fort Rucker, on 4 July 1980.

# DIRECTORATE OF TRAINING AND DOCTRINE

## MISSION:

Serves as Command Aviation Officer and principal advisor to the CG/Comdt and DCG/Asst Comdt on the conduct and administration of resident instruction for which 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 Det 9, 5th Weather Squadron (USAF) 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:

Effective 3 October 1980 the Directorate of Training (DT) became the Directorate of Training and Doctrine (DOTD). This occurred with the TRADOC-directed transfer of the doctrinal literature responsibility from the Directorate of Training Developments to the Directorate of Training. On 22 April 1980 the Test Control Office, Training Management Division, was redesignated Training Standards Office by direction of Commander, TRADOC. At the end of 1980 DOTD was composed of the following:

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

## KEY PERSONNEL:

Colonel Kenneth J. Burton remained the Director of Training and Doctrine for the year 1980.

Lieutenant Colonel Larry E. Stuart was assigned as Executive Officer 14 July 1980 and is currently in the position.

Major Frederick W. Chiverton served as Executive Officer until 28 February 1980.

Major Joseph M. Lacey remained the Chief, Resource Management Office, for the year 1980.

Other key personnel who served during the year were:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Robert E. Sapp	C, TMD	Arr - 29 Jun 80
MAJ Arthur A. Rice	C, TMD	Dep - 28 Jun 80
MAJ Thomas R. Pearson	C, TSD	Arr - 9 Apr 80
MAJ Don W. Wallace	C, TSD	Dep - 8 Apr 80
MSG(P) Hulon J. Jackson	DOTD SGM	Arr - 1 Oct 80
SGM Claude F. Gibson, Jr.	DOTD SGM	Dep - 1 Oct 80
SGM Lloyd M. Rogers	DOTD SGM	Dep - 31 May 80
M. L. Durkin	C, Avn Tng Lib	All of 80

DOTD Staff authorized strength at the end of 1980 was: Officers, 23; Warrant Officers, 1; Enlisted, 57; Civilians, 31; Total, 112.

## ***TRAINING MANAGEMENT DIVISION***

### MISSION:

Coordinates with Directorate of Training Developments (DTD) on implementation of resident POIs and plans for implementing changes and future courses. Serves as proponent for USAAVNC Supplement 1 to ARs 95-1, 115-2, 350-5, 350-19, and USAAVNC Pamphlet 95-15. Assumes staff responsibility for DOTD portion of USAAVNC Regulation 10-1.

### ORGANIZATION:

The Training Management Division (TMD) was reorganized in October of 1980 with the addition of the Doctrinal Literature Section under the Plans Branch. The reorganization was a result of a change of the TRADOC school model. Presently, TMD is composed of the following:

- Plans Branch
- Airfield/Airspace Branch
- Programs/AVMIS Branch
- Training Standards Office

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Arthur A. Rice	Chief, TMD	Dep - 28 Jun 80
MAJ Robert E. Sapp	Chief, TMD	Arr - 29 Jun 80

## ***PLANS BRANCH***

### MISSION:

Plans, coordinates, and monitors Reserve Component 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 as directed by the Command Group to include implementation of USAAVNC contingency plans. Formulates the Long Range Aviation Training Support (LORATS) Plan. Prepares training staff actions and other non-training staff actions as directed for the Command Group. Coordinates subject matter expertise provided to DCD and DTD. Maintains liaison with the Directorate of Evaluation and Standardization. Reviews training literature, instructional material, and other documents and studies. Provides aviation training data to TRADOC and FORSCOM as requested. Maintains files of the current programs of instruction. Processes requests for special actions from instructional departments. Performs liaison with instructional departments on matters pertaining to new equipment, training, and proposed resident programs of instruction. Coordinates with civilian contractors on studies of resident Army aviation training and integration of proposed training device and equipment into resident training programs. Prepares environmental impact statements for resident POI's. Presents the Aviation Center Briefing and other special training briefings to visiting VIP's and other interested personnel.

### ORGANIZATION:

The Plans Branch was reorganized in October of 1980 with the addition of the Doctrinal Literature Section. The reorganization was a result of a change of the TRADOC school model. In the future, the Doctrinal Literature Section will become a separate branch under TMD.

KEY PERSONNEL :

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT Robert Gilbert	Chief, Plans Branch	Arr - 1 October 1980
CPT Robert Eggleston	Chief, Plans Branch	Dep - 31 July 1980
MAJ George Reimer	Chief, Plans Branch	Dep - 1 May 1980

ACCOMPLISHMENTS:

Army Surge:

The increase in active Army undergraduate helicopter pilot training (surge) began with IERW Class 80-1 in October 1979. The production rate for the surge was 95.1% for calendar year 1980.

Warrant Officer Candidate Military Development (WOCMD) realized a significant backlog of students awaiting to enter the course due to reduced attrition. MILPERCEN will not issue any RFO's until our backlog reduction plan shows significant results. Backlog was reduced from 170 to 130 by end of year with a further reduction to 30 expected by mid-April 1981.

In support of expanded training rates, a Military Construction, Army (MCA) project began in May 1980 to update six stagefields, one tac site, and one basefield. Expected completion date of stagefield upgrade project is late 1981 or early 1982.

Training Shortfalls:

While training shortfalls in graduate courses continued to be a problem, intensive local management, adjustment of ARPRINT and other initiatives reduced the shortfall rate from 13.2% (CY 79) to 5% (CY 80).

Night Hawk/Night Vision Goggle (NH/NVG) Training:

In order to increase and facilitate student training in NH/NVG procedures, Fort Rucker continued to upgrade the NH/NVG training capability of the USAAVNC fleet. During CY 80 pink light filters were installed on the OH-58 and much of the UH-1 fleet. When installed on NH/NVG compatible aircraft, the pink light filter allows the continuation of training during periods of reduced ambient lighting conditions. In preparation of NH/NVG training in the AH-1 (MC) and UH-60, USAAVNC installed the filters on the UH-60 fleet and procured the filters for the AH-1(MC) aircraft scheduled for issue in CY 81.

Ground Radar Emitter for Training Aviators (GRETA):

The GRETA was received by USAAVNC in August 1980 from Emerson Electronics. Two operators were trained and qualified in the GRETA during September. In mid-October 1980, the GRETA training device was incorporated into UH-1 IERW Combat Skill aviator training. The results were outstanding. Not only did the device allow the student aircraft to be engaged by four different types of Threat ADA radar signals, it also provided video playback for student debriefing purposes.

The significant problems which have been identified are: No MOS has been identified for GRETA operators. This is particularly important to the individual during SQT training and testing time.

No Table of Distribution and Allowances (TDA) authorizations exist for operator personnel which mandates that the current operators be carried as excess.

A logistical support system has not been identified for the GRETA device. There is presently no system to requisition routine preventive maintenance items such as spark plugs and/or oil filters inasmuch as no NSN's or stock items have been introduced into the maintenance system.

### Auxiliary Fuel Tanks for UH-1:

The internally mounted auxiliary fuel tanks normally installed in the UH-1 instrument training fleet were removed on 11 Jun 1980, and shipped from Fort Rucker in support of a priority mission. The removal of these tanks reduced the UH-1 instrument fleet endurance from 4.5 hours to 2.5 hours total flight planning time.

Loss of the auxiliary fuel systems for the UH-1 instrument fleet added 30 to 45 minutes to the training day for refueling between students. Major impact was experienced in winter months during instrument meteorological conditions (IMC). When the weather was such that an alternate airfield was required, the UH-1 did not have sufficient fuel to meet AR 95-1 requirements without the auxiliary fuel tanks. As the approach control facility was saturated with only 40 percent of daily launch requirements, instrument training was significantly curtailed on days when weather required an alternate airfield.

The associated increase in maintenance and fuel costs was minimal and not of primary concern. Replacement bladders were requested on 24 April 1980. A follow-up order was placed on 26 June 1980 with an expected delivery date in FY 82.

### Doctrinal Literature:

On 1 October 1980, USAAVNC completed the realignment of its training and doctrine assets in accordance with the latest TRADOC school model.

### Installation of AN/APR-39 Radar Warning Receiver:

During August 1980 when USAAVNC acquired the GRETA, it became apparent that the aircraft fleet was insufficiently equipped with a radar detection unit. USAAVNC had only 36 AN/APR-39 units in the IERW UH-1 fleet. Of those 36, only 16 were operational. The OH-58, AH-1, and UH-60 fleets had no radar detection capability installed. To maximize the utilization of the GRETA and to be able to comply with new Aircrew Training Manual (ATM) task requirements, more AN/APR-39's had to be acquired and installed. This task was completed in December 1980. All OH-58C and UH-60A aircraft have a designated AN/APR-39. Five units were installed on the AH-1 (MC). An additional eight units were placed in the UH-1 fleet. Aircraft Logistics Management Division (ALMD) identified the maintenance problem in the non-operational units in the UH-1 fleet and began to repair them.

Department of Flight Training (DOFT), DOTD and ALMD ordered sufficient detection units to fill the fleet. Unofficially, Fort Rucker was told that additional units would be received in due course.

### Night Vision Goggle Instructor Pilot Training for FORSCOM IP's:

From January through March, Fort Rucker trained a total of seven Night Hawk/Night Vision Goggle Instructor Pilots for US Army Forces Command (FORSCOM) units. The instruction was conducted at the Aviation Center using USAAVNC IP's, aircraft and training facilities.

Training of FORSCOM personnel necessitated a corresponding reduction in number of USAAVNC instructors produced.

Several programs of instruction were developed to provide a DA NH/NVG IP Program.

### IP Training in AH-1 (MC):

Five AH-1 (MC)'s arrived at Fort Rucker in June and July 1980 and IP training commenced. Approximately 50% of the Cobra IP's became fully qualified.

At year end, there was no approved POI for training on the AH-1 (MC). Three POI's were re-sourced and considered. Arrival date of the 23 AH-1's (MC) needed to support training was projected to be March 1981. It was requested that all be fully equipped with front seat hydraulic assist and IP Master Arm Override Switch.

#### AH-1S Aviator Qualification Course (AQC):

During 1980, the Tube-launched, Optically Tracked, Wire-guided (TOW) Missile Qualification Course was phased out and replaced by the AH-1S Aviator Qualification Course. This new course qualified students in the TOW missile system and in the AH-1S Enhanced Cobra Armament System (ECAS). This resulted in reduced costs of follow-on training at gaining units. The AH-1 simulator was fully implemented into the AH-1S (AQC) allowing for additional cost savings by firing TOW missiles in the simulator instead of in the aircraft. Due to the limited amount of ECAS equipped with 20mm turret cannon, some students were not given the opportunity to fire the 20mm turret. Upon implementation of the AH-1S (MC) training programs the above mentioned training problem should be overcome.

#### Training for Mobilization Designees:

The Department of Flight Training conducted Mobilization Designee training for 19 persons during CY 1980.

#### 6th EURO/NATO Symposium:

During November 1980, the 6th EURO/NATO Symposium was held in Soesterberg, Netherlands. Senior representative from USAAVNC was the Director of Training and Doctrine. Proposals made by the allied user nations included provisions for improved instructor continuity during training, and increased emphasis on solo tactical maneuvers during the primary phase. These proposals were evaluated and adopted where feasible into the EURO/NATO IERW program.

#### PROUD SPIRIT/MOBEX 80

During the period 6 through 26 November 1980 MOBEX 80 was conducted. This was the first time an exercise was conducted in which mobilization plans for training base expansion were exercised. Significant problems with the plans to conduct wartime aviator training were surfaced at all levels. The exercise proved to be beneficial for future mobilization planning efforts.

## **AIRFIELD/AIRSPACE BRANCH**

#### MISSION:

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

#### ORGANIZATION:

The Airfield/Airspace Branch is under the operational control of the Chief, Training Management Division, Directorate of Training and Doctrine.

#### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT Alan D. Fenty	Chief	Arr - 20 May 1980
MAJ Clifford H. Stern	Chief	Dep - 19 May 1980

#### ACCOMPLISHMENTS:

Stagefield Upgrade Program (PN 213) for FY 80-82 was initiated.

Completed major revisions of USAAVNC Supplement 1 to AR 95-1 and USAAVNC Pamphlet 95-15, The Basefield, Stagefield and Airspace Manual.

Initiated the plan for the activation of an Attack Helicopter Company at Fort Rucker.  
 Continued Very High Frequency Omnidirectional Range (VOR) upgrade at Hanchey and Troy.  
 Implemented plan to install new control tower at Troy Airport.

## ***PROGRAM/AVMIS BRANCH***

### MISSION:

The Programs Branch determines, coordinates, and disseminates to all agencies, local and higher headquarters, detailed schedules, aircraft requirements, student loads, and flight hour programs to support directed Aviation Center training missions.

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Neil S. Dodson	Chief	Dep - 4 February 1980
CPT Anthony W. Sobul	Chief	Arr - 5 February 1980

### ACCOMPLISHMENTS:

#### PROGRAMS:

Initiated an intensive management program of IERW to insure each class was completely filled.

Implemented the Army Training Requirements and Resource System (ATRRS) which eliminates manual reporting of class inputs and dates to TRADOC.

Reduced graduate input shortfall rate from 13.2% (CY 79) to 5% (CY 80).

Developed automated flight hour program system that improved programming accuracy and reduced report preparation time from one week to one day.

#### Aviation Management Information System (AVMIS):

Developed users manual for Flight Records Branch.

Implemented automatic phasing system for all flight classes which precluded the resubmission of daily flight transactions due to phase errors.

Accepted responsibility for revision of flight POI's from DOFT.

## ***TRAINING STANDARDS OFFICE***

### MISSION:

Implement guidance and regulations pertaining to SQT. Act as liaison between Fort Rucker and SQT Management Directorate at Fort Eustis. Provide staff responsibility and supervision for the administration of the SQT at Fort Rucker and active duty personnel stationed within a five-state area. Administer SQT to Junior Reserve Officer's Training Corps (JROTC) students upon request. Establish test dates based on DA directives; identify MOS's and skill levels to be tested; distribute test notices to soldiers through assigned units; schedule personnel for SQT; identify personnel who fail to report for testing to their commanders; forward test materials for scoring and distribute results to the soldier, unit, and MILPO. Conduct assistance visits and briefings

for units as requested.

ORGANIZATION:

The Training Standards Office functions as an office under Training Management Division with one officer, three enlisted and one civilian.

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT Roger M. Clarizio	TSO	Arr - 20 Oct 1980
CPT David W. Ledford	TSO	Arr - 16 Feb 80 - Dep 19 Oct 80
CPT Gill Bledsoe	TSO	Dep - 15 Feb 1980

ACCOMPLISHMENTS:

Tested the entire Fort Rucker enlisted population in 200 Military Occupational Specialties in 1980.

Reduced Mark Sense Form error rate from 20% to less than 2%.

## ***TRAINING SUPPORT DIVISION***

MISSION:

Supervises the overall coordination of training activities for the Directorate of Training and Doctrine. 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 and training support schedules for each POI. Develops and maintains master schedules and related control documents for each resident course. Compiles statistical data pertaining to programmed and actual student input and in-training load. Schedules class start and close dates for each resident course to include adjustments as required by POI revision, shortfall and overfill, and self-paced training. Processes unprogrammed training requirements in coordination with other activities of the directorate, to include the use of the Mobile Training Team (MTT) and New Equipment Training Team (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, 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 three branches: Aircraft Management Branch, Range Branch, Scheduling Branch.

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Thomas R. Pearson	Chief, TSD	Arr - 9 Apr 80
MAJ Don W. Wallace	Chief, TSD	Dep - 8 Apr 80

ACCOMPLISHMENTS:

Training Support Division accomplishments are combined with those of its branches.

## ***AIRCRAFT MANAGEMENT BRANCH***

### MISSION:

Manages USAAVNC aircraft fleet employment of over 560 aircraft. Maintains an operations center which provides response to all aspects of flight training and aircraft control for the Directorate of Training and Doctrine and the Command Group. Implements command-established policies and procedures affecting aircraft requirements. Prepares input for aircraft 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 ALMD, DIO and the maintenance contractor. Acts as a central point of coordination for 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	Arr - 19 Feb 80
CW3 Bobbie L. Stanfill	Chief, AMB	Dep - 18 Feb 80
SFC Thomas E. Campbell	NCOIC, AMB	All of 1980

### ACCOMPLISHMENTS:

Scheduled in excess of 150,000 training flights during calendar year 80, which accumulated over 365,000 flight hours.

Revised methods of control of administrative flights IAW AR 95-1 and DOD directives.

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

Conducted mobilization planning for aviation training base expansion.

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

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

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

## ***RANGE BRANCH***

### MISSION:

Maintains and coordinates the use of the Fort Rucker Range Complex consisting of 15 gunnery ranges and 42 training areas. Provides rearming of all student training aerial gunnery aircraft and trained personnel to operate the towed target for the Gunnery Accuracy Control Panel (GACP) system. Provides administrative support to all Active Army units, Reserve Components and National Guard Forces for issue of munitions.

ORGANIZATION:

Range Branch functions as a branch under the Training Support Division, Directorate of Training and Doctrine and is staffed by 5 Officer and 46 Enlisted members.

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT Paul W. Everett	Chief, Range Branch	Arr - 30 Nov 80
CPT Brent W. McMahan	Chief, Range Branch	Dep - 30 Nov 80
SFC Larry D. Hatfield	NCOIC, Range Branch	Arr - 15 Nov 80
SFC Paul E. Gahley	NCOIC, Range Branch	Dep - 15 Nov 80

ACCOMPLISHMENTS:

Matteson Aerial Gunnery Range was used 173 days during Jan-Dec. During this same period AH-1 aircraft, armed by Range Branch personnel, fired 890,957 rounds of 7.62 ammunition, 87,744 rounds of 20mm ammunition, 85,324 rounds of 40mm ammunition, 17,377 2.75 inch rockets and 7 TOW missiles.

March	Tank Commanders Qualification Course (TCQC) Range established for National Guard use.
July	A Tactical Training Exercise was conducted at Matteson Range for US Military Academy (USMA) Cadets, WOAC/WOSC and personnel from surrounding communities.
August	Special test of TOW missiles from Redstone Arsenal conducted at Matteson Range.
September	Upgrade of Trainfire Ranges completed to preclude transporting troops to Fort Benning, Georgia for training.
October	Vehicles acquired for use as targets and external loads to increase training realism.
November-December	Special range established and conducted for OH-58/OH-6 test for USAAVNBD.

## ***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, and 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 (SB) functions as a branch of the Training Support Division with one officer, two enlisted personnel, and seven civilians.

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT Ronald E. Deaver	Chief, SB	Arr - 22 Oct 1980

KEY PERSONNEL (Continued):

CPT Billy J. Stanford	Chief, SB	Arr - 31 Jul 80 - Dep 22 Oct 80
CPT James M. Lee	Chief, SB	Dep - 31 Jul 80
SSG Willie R. McKelphin	NCOIC, SB	Arr - 15 Sep 80
SSG Craig D. Lorenze	NCOIC, SB	Dep - 15 Sep 80

ACCOMPLISHMENTS:

Revised the IERW instrument flows.

Revised USAAVNC Regulations 350-3 and 350-27.

Established hot refuel at Goldberg and Skelly stagefields and at Andalusia airfield.

Procured pink filters/defusers and brackets for Night Vision Goggle use.

Procured suggestion boxes for all academic classrooms.

Procured UH-1 internal load for Combat Skills training.

Conducted and supervised Tactical Training Exercise for USAARL.

Supported over 240 reserve units on Fort Rucker complex.

Coordinated the use of over 450,000 gallons of fuel from Jaxon Fuel and 108th Quartermaster (QM) Company per week.

Distributed approximately 22,000 training schedules to over 36 in-resident courses and supporting activities per week.

Scheduled transportation, classrooms, stagefields, and stagefield support.

Coordinated actions on approximately 13 major changes to the Program of Instruction (POI) per month.

Supported the training of approximately 8,000 students during the year.

## ***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 professional development of Army aviation personnel. Serves as a repository for publications related to the history of 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 Embry Riddle Aeronautical University.

KEY PERSONNEL:

M. L. Durkin has served as Chief Librarian since 1959.

ACCOMPLISHMENTS:

The Library provided post-wide service through the use of the Defense Technical Information Center (DTIC) computer terminal which provided access to over one million documents in the fields of science and technology. The Library began cataloging books and some documents through the use of a computer terminal affiliated with the TRADOC - TRALINET Library system. The Library began a pilot book acquisitions program through the same network. Interlibrary loans were made available through use of the computer terminal.

The Lockheed DIALOG Information Retrieval Service was leased by TRADOC for the Aviation Training Library. This information retrieval service enabled users to access approximately forty million records through more than one hundred data banks. The Library was able to access over one hundred-forty data banks through the TRALINET Library system.

# 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 operation of a learning center. Provides administrative and logistical support of assigned elements.

Operations Division plans, coordinates, and schedules academic instruction conducted by DOAT; coordinates mobile training teams and instructional support; assists in curriculum development. Provides classroom support for all standard existing equipment in the multimedia classrooms used by the department and other organizations for instructional purposes during duty hours. Conducts liaison with the Directorates of Training Developments, 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 Noncommissioned Officer Education System (NCOES) training for MOSs 71P, 93H, and 93J.

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, 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 aviation operations; serves as the USAF advisor to the USAAVNC, and performs liaison between appropriate elements of the USAF and the USAAVNC.

## ORGANIZATION:

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

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

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

KEY PERSONNEL:

COL Howard E. Brown, director for eight years, retired on 31 August 1980.

COL William K. Kuykendall was assigned as department director in September 1980.

Key personnel who served during the year were:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ C. W. Goodson	XO	Arr - 3 Nov 80
MAJ B. R. Rinehart	XO	Dep - 31 Oct 80
LTC E. A. Williams	C, Op Div	All of 1980
LTC J. E. Clay	C, MTD	All of 1980
LTC C. R. Bierbaum	C, FSI	All of 1980
MAJ E. G. Spradlin	C, FSI	Dep - 1 Jul 80
LTC R. S. Jones, Jr.	C, CTD	All of 1980
MAJ J. L. Elliott	C, ATC	Dep - 15 Jan 80
LTC R. H. Kreulen	C, ATC	All of 1980
CPT C. D. Hall	Supply Officer	All of 1980
Mrs B. T. Hatfield	Admin Officer	All of 1980

ACCOMPLISHMENTS:

The department provided academic training in support of 40 programs of instruction (POI) during the year and provided support to 15 Reserve/National Guard units and additional elements of the 1st and the 5th Army. Provided support to Mobile Training Team (MTT) and New Equipment Training Team (NETT) as requested.

During 1980, Supply Branch accounted for 100% of DOAT property which consisted of 1,200 line items, 10,000 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 \$758,832.07 for 1980.

Admin Branch developed the FY81 Command Operating Budget for the department. Monies required not to include civilian pay, amounted to over \$421,000. The major manpower requirements projects were the TRADOC Review of Manpower, Mobilization TDA, 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. Provided classroom support, and performed operator maintenance on assigned classroom and audiovisual equipment until October 80 when this function was delegated to the Supply Branch. Exercises staff supervision over the department's development and validation of instructional material. Review instructional material. Coordinates the development of exam and test outlines. Prepares statistical data and staff studies, and attends conferences relative to mission support. Exercises direct supervision of subordinate elements of the division. Responds to queries, requests, and requisitions from Service Schools, USAR Schools, Reserve Component units, ROTC units, active Army units, and individuals pertaining to aviation oriented instructional material. Operates central facilities to offer additional, supplemental, and remedial instruction to students, staff, and faculty, and support elements, utilizing a variety of combinations of training media.

ORGANIZATION:

The Operations Division is composed of three branches:

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

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC E. A. Williams	Ops Officer	All of 1980
CW3 J. W. Chalk	C, TLMB	Dep - 29 Sep 80
CW4 J. D. Ryan	C, TLMB	All of 1980
MAJ W. E. Burden	C, ALC	Dep - 1 Feb 80
MAJ J. L. Elliott	C, ALC	All of 1980

ACCOMPLISHMENTS:

The year 1980 was a particularly productive one for the Operations Division. In addition to its mission of coordinating the administrative actions and projects pertaining to all programs of instruction (POI) and supervising the scheduling of academic training in 40 POIs, Operations Division action officers and NCOs directed all of DOAT's activities and actions encompassing the training development process in support of the analysis, design, development, and training literature of individual and collective training. Significant projects/accomplishments in 1980 included participation in the development of and coordination in the preparation of the proposed Warrant Officer Orientation Course (WOOC). The two week course, expected to commence in 1981, is designed for all newly appointed non-aviation warrant officers. The UH-60 training devices received their final acceptance inspection and were formally accepted by PM TRADE. An Operations Division action officer participated in Proud Spirit Exercise/MOBEX-80. The exercise examined mobilization capabilities and procedures and identified lessons learned to develop the solutions to problems facing USAAVNC in mobilizing and deploying the force. The department senior education specialist represented USAAVNC in the Modified Basic Skills Education Program (BSEP). The current program was determined to be inadequate to meet the Army's needs to provide functional job related basic skills education. The current BSEP will be modified to meet these needs and MOSs 67N/V will be targeted first. Internally, DOAT Operations underwent an extensive and comprehensive cross training and realignment program designed to maximize existing personnel talent and minimize anticipated shortfalls as a result of known losses.

The USAAVNC Aviation Learning Center (ALC) was utilized by 35,275 students during 1980. This included 3,095 Advanced Individual Training (AIT) students who received 20 hours of academic instruction each in order to prepare them for training in the 67N/V, 93J/H, and 71P career fields. In addition to AIT training, the ALC staff provided 44,765 hours of instruction in support of various USAAVNC programs of instruction. In conjunction with the Directorate of Training Developments, new map reading and NBC lessons were developed. Significant projects during the year included the refurbishment of major training aids, such as the TH-55 helicopter and the 2C-35 Procedural Trainer, and the development/implementation of an effective mobilization designee training program.

Training Literature Management Branch (TLMB) 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. It was distributed 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 Annual Written Examination (AAWE) materials to over 200 units annually. During 1980, Training Literature Management Branch processed and filled an average of 177 requests per month from DOAT instructors and an average of 278 requests per month from field units. An average of 121,458 units of training materials were printed per month at an average monthly printing cost of \$26,638.91.

## ***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, European(EURO)/North Atlantic Treaty Organization (NATO) voice procedures for pilots and airspace management for the Pre-Command 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 of instructional materials presented by the division. Supervises changes in training materials required for correction of errors and technical update of training material. Provides support of Mobile Training Teams (MTTs) and New Equipment Training Teams (NETTs), as requested.

### ORGANIZATION:

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

- Common Subjects Branch
- Advanced Branch
- Deployment Branch

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC R. H. Kreulen	Chief	All of 1980
MAJ J. L. Elliott	Chief	Dep - 13 Jan 80
Mr. L. L. Allen	C, Common Subjects Br	Arr - Oct 79
MAJ M. J. Wuensch	C, Advanced Branch	Arr - 11 Aug 80
CPT P. D. Bates	C, Advanced Branch	Dep - Sep 80
MAJ W. J. Dunlap	C, Deployment Branch	Arr - Oct 79
Mr. M. J. Bruso	Ed Spec	Arr - Nov 78
CW3 C. E. Etheridge	Ops Officer	Arr - Jul 79
SGM M. C. Hood	Division SGM	Arr - 4 Oct 80
MSG D. J. Donahue	Division SGM	Dep - Oct 80

### ACCOMPLISHMENTS:

The Air Traffic Control Division, composed of three major branches and a Flight Operations Section, experienced a year of outstanding accomplishments during 1980. While performing the primary mission of training students in three MOS producing and several career oriented courses, the division continued efforts to improve and upgrade training and POIs. The year 1980 brought about the implementation of three programs of instruction (POI) and the validation of each. Both military and civilian instructors contributed greatly to the success of each implemented POI. A complete revision of the Officer/Warrant Officer Program of Instruction to increase hands on instruction in the areas of ATC equipment and tactical ATC training was completed.

The Common Subjects Branch, Air Traffic Control Division, embarked on a continuous effort to reduce student attrition rates and to further enhance student comprehension of the subject matter. Training aids were updated and revised to provide the student with a better understanding of the overall picture of the airway structure and to visually illustrate the reason why basic rules of separation must be provided. Additionally, the Common Subjects Branch initiated a study to determine means of improving the Control Tower Operator (CTO) instructional phase. In an effort to reduce training aid costs (tapes and slides), while preserving the course objectives, a program was designed to institute readily available Federal Aviation Administration (FAA) reference material in lieu of tapes and slides in preparing the student for the FAA CTO examination.

The Advanced Branch, Air Traffic Control Division, realized success with completion of MOS 93H control tower labs. The EURO/NATO Voice Procedures POI was completely rewritten and new training techniques implemented. The Officer/Warrant Officer Air Traffic Control Course POI was rewritten and implemented during the past year.

The Deployment Branch, Air Traffic Control Division, developed and implemented a new POI for MOS 93 students. This resulted in a more comprehensive training program with increased hands on training for Advanced Individual Training (AIT) students in tactical air traffic control equipment. A new air traffic control central, AN/TSW-7A, control tower, was received and placed in operation at Wolfpit Tactical Landing Zone for training AIT students handling live air traffic in a simulated division tactical environment. This provided students with more realistic training with the latest state-of-the-art equipment. The older AN/TSW-7A was emplaced at Area Alfa Equipment Site for training students on the equipment characteristics in a static environment. A new radar platform was completed at Wolfpit Tactical LZ and the radar receiver/transmitter group was repositioned on this new structure. As a result, we were able to pick up air traffic at lower altitudes and at greater distances and provide better services to the using agencies.

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 Div, was designated as chairman of the Task Group 222/2G. Mr. Lindel L. Allen, Chief, Common Subjects Branch, ATC Div, was designated as the US Army Task Group 222/2G subject matter expert.

National Guard units from Rhode Island, Arkansas, Wyoming, and Maryland were added during 1980 to those states receiving Mobile Training Team (MTT) assistance during weekend drills. Instructors were sent TDY to units in 12 states during 1980, resulting in the graduation of nine personnel at a cost savings to the government.

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

## ***CAREER TRAINING DIVISION***

### MISSION:

Presents over 45,000 hours of instruction annually in support of forty different POIs. Major courses served by the division include the Aviation Warrant Officer Advanced Course, Warrant Officer Senior Course, the Pre-Command Course - Phase II, WOC Military Development Course, Advanced NCOES, IERW, IP, 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

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC R. S. Jones, Jr.	Chief	All of 1980
MAJ E. M. Monahan	Ops Off	Arr - 21 Jul 80
MAJ F. D. Ledfors	Ops Off	Dep - 20 Jul 80
CPT J. A. Lazor	C, Aviation Subjects	Arr - 20 Oct 80
MAJ C. W. Goodson	C, Aviation Subjects	Dep - 20 Oct 80
MAJ H. E. Blanks	C, Mgt/Ldr Branch	Arr - 28 Aug 80
MAJ T. T. Davis	C, Mgt/Ldr Branch	Dept - 28 Aug 80
MAJ W. W. McElmore	C, Tac/Strat Branch	All of 1980
MAJ P. L. McRoberts	C, Staf/Mil Skills	All of 1980
CW4 J. P. Valaer	Class Director	All of 1980
Mrs. T. Strickland	Ed Spec	All of 1980

ACCOMPLISHMENTS:

Aviation Subjects Branch was responsible for 13,831 hours of academic instruction. The branch continued to be responsible for the review of FM 1-51, Rotary Wing Flight and Tactical Navigation instruction to all Rotary Wing Flight Courses. Branch personnel developed and organized International Civil Aviation Organization (ICAO) programmed texts designed to explain the principles and techniques of international air navigation to both U. S. military and Allied students. Aviation Subjects Branch was responsible for the organization, preparation of instruction, and development of mock-up training aids for the AH-1S and UH-60A in an expanded operational role. Instructors provided support to the Directorate of Evaluation and Standardization on several 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 1980, despite a 60% turnover in instructor personnel. In addition to normal instruction, instructors developed a new POI and lesson plans for the new Warrant Officer Orientation Course, and developed and revised POIs and lesson plans for Warrant Officer Career Development (WOCDD) and IERW. Extracurricular classes included instruction in the new OER taught to reserve senior warrant officers, ethics to post chaplains and interested dependents, personal financial management to WOCDD wives, effective writing and listening to civil service personnel, and drug abuse to members of the local VFW. Other activities by branch instructors included: Completion of training in technical writing, liaison visits on effective writing to the Air University, liaison visits on training management to Ft. Leavenworth and Ft. 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 and instruction files.

During 1980, the Staff and Military Skills Branch was able to operate at an average assigned strength of less than 60% of authorization with no degradation in the quality of over 8,000 hours of academic instruction. The personnel situation was further aggravated by an 80% personnel turn-over. The branch developed and estimated resources and cost for extending the IERW POI to provide more realistic Survival, Evasion, Resistance, and Escape (SERE) training at the Aviation Center. The branch had 20 of the division's 35 subject matter experts and their related projects, all of which were successfully completed. The branch has 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.

Tactics and Strategy Branch has maintained the organization adopted in June 1979, teaching Field Artillery, Air Defense Artillery, Air Cavalry, Electronic Warfare, Attack Helicopter, Air Assault, Threat and Combined Arms Operations. The branch also gave classes in strategy consisting of such subjects as Elements of National Power, U.S. National Strategy, Ideologies in Conflict, Communist Powers Foreign Policy, Soviet Armed Forces and the Strategic Balance. New information to improve the Battle Simulation Center was gathered from Fort Sill, Fort Leavenworth, Fort Knox, Fort Benning, Fort Huachuca, Maxwell AFB, and the National Training Center at Fort Irwin.

In addition to the constant updating and improvement of courses, many orientation briefings were given to both American and foreign officials.

## ***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:

Software Support Branch  
Flight Simulator Training Branch  
UH1 Flight Simulator Branch

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC C. R. Bierbaum	Chief	Arr - 7 Jul 1980
MAJ E. G. Spradlin	Chief	Dep - 7 Jul 1980
MAJ E. S. Hudson	C, FSTB	Arr - 1 Jul 1980
MAJ T. E. Musgrave	C, FSTB	Dep - 1 Jul 1980
CPT T. F. Hans	Ops Off	All of 1980
MAJ R. R. Boykin	C, WWSSB	All of 1980
CW4 L. D. Roper	C, UH1 Br	All of 1980

### ACCOMPLISHMENTS:

Integrated a seventh UH1FS device into the operation. Participated in Developmental Test II for the UH60FS. Integrated four new 2C35 cockpit procedural trainers in the operation, bringing the division total to 11.

The Software Support Branch assisted Donner Associates develop a Performance Measurement Grading System (PMGS). The PMGS will be evaluated by Army Research Institute (ARI) and Directorate of Evaluation/Standardization (DES) for possible inclusion in the IERW program. The PMGS allows the computer to evaluate and score the student on various instrument approaches and procedures. The Software Support Branch assisted the Navy in developing software for their device which is to be installed in July 1981 at Whiting Field, Pensacola, Florida.

UH1 Performance Planning Class was developed, adopted and instituted for both IERW and Instructor Pilot Methods of Instruction (IPMOI). AH1 Performance Planning Class was developed and adopted for IPMOI. Institution of the course will be in 1981. Developed Instructor Training Course for the UH1 cockpit procedural trainer to insure standardization of instructor/operator.

Hosted the Worldwide Simulator Conference 3 - 4 Dec 1980.

Assisted DES on ten CONUS ARMS plus USAREUR, Hawaii and Korea inspection tours.

The Flight Simulator Division briefed over 4,853 visitors during 1980. Visitors included foreign dignitaries, congressional leaders, military personnel from all branches of service, and local and national civic groups from throughout the nation.

## ***MAINTENANCE TRAINING DIVISION***

### MISSION:

Presents academic instruction to officers, warrant officers, warrant officer candidates, and military academy students. Presents academic and hands-on instruction to enlisted students in the UH-1 and OH-58 Helicopter Repair Courses. Provides support of Mobile Training Team (MTT) and New Equipment Training Teams (NETT) as requested.

### ORGANIZATION:

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

The Officer Training Branch  
The General Subjects Branch  
The Enlisted Training Branch

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC J.E. Clay	Chief	All of 1980
MAJ K.K. Mihata	C, Off Tng Br	All of 1980
MAJ M.T. Bradley	C, Enl Tng Br	All of 1980
CPT D.L. Westfall	C, Gen Subj Br	Arr - 1 Jan 1980
SGM J.H. Milam	Division SGM	Dep - 31 Jul 1980
MSG J.R. Scott	Acting Division SGM	Arr - 1 Aug 1980

### ACCOMPLISHMENTS:

The year ended with no student backlog and 668 officer, warrant officer candidate and enlisted students in training. During the year, 436 National Guard/Reserve Component personnel were trained and active Army graduates totaled 6,885.

The Officer Training Branch expended 9,240 civilian and 6,008 military platform hours in the training of 4,603 officer/warrant officer candidate/Department of the Army civilian students and 100 enlisted students in aircraft systems and aviation maintenance management. Efforts to develop lesson materials and to determine and submit requirements for training devices continued in the AH-1S (Modernized) Cobra, CH-47D, and AAH-64. Instructor training in the AAH-64 was initiated. Three computer-operated UH-60 Black Hawk training devices were received from the Educational Computer Corporation, Orlando, Florida and are being utilized in academic training. Mobile Training Teams in the CH-47 were sent to assist Reserve component aviation units in Olathe, Kansas, and Bellevue, Washington. Officer Training Branch instructors, under the guidance and supervision of the Attack Helicopter PMO, St. Louis, Missouri, were sent on AH-1S New Equipment Training Teams to Forts Hunter-Stewart, Campbell, Ord and Lewis. The same AH-1S instructors also conducted two AH-1S Main Civilian Occupation (MCO) classes for USAAVNC IPs and 1/6th Cavalry pilots.

The General Subjects Branch trained 1,488 67N10 and 694 67V10 students for a total of 2,182 during calendar year 1980. All training was accomplished without double-shifting. No major changes were made in the 67N or 67V Program of Instruction. Significant improvements in training were achieved by revising and updating lesson material in four phases of Annex "A" and by the development of an improved composite trainer for hands-on-hardware safetying and precision measuring tools training tasks.

Instructors of the 67N Section, Enlisted Training Branch, prepared material for postwide Skill Qualification Testing (SQT) training. The SQT training program was set up to provide training for all 67N personnel postwide before scheduled testing. Coordination with Fort Eustis, Virginia, continued for integrating TM 55-1520-210-23 into the 67N Program of Instruction. After several revisions, all handout material to include tapes, narratives, slides, and tests, was completed and the -23 manual was implemented. The 67N Section provided instructors to assist in training

Honduras' helicopter repairmen. During the Christmas holidays the division provided personnel to assist in the clean-up of the Boy Scout Camp, Camp ALAFLO. The division also aided in the Fort Rucker School Halloween Carnival, the NCO Wives' Club Christmas Bazaar, and the Fort Rucker 49er Party. The 67N Section started development of an end-of-course examination for 67N graduates. The examination was completed in August and it included both a written test and a practical exercise (hands-on) test. Fort Eustis sent a validation team to USAAVNC for the pre-test for the end-of-course examination, which was the first step in validating the test. The validation should be completed by February 1981. The Montgomery National Guard visited the Turbine Engine Run Cells and the section instructed approximately 20 officer and enlisted personnel at the facility. Unfortunately, a water brake system failure in the Engine Run Cells in October caused the system to be shut down until December. Training of students on live engines was discontinued while the Engine Test Cells were inoperative.

The 67V Section developed new examinations for all six phases of the 67V Program of Instruction. Three student progress guides and four student progress checks were upgraded and new student introduction handout developed. The OH-58C New Equipment Training Team visited units at Fort Carson, Colorado, and USAREUR with 378 students receiving training. The 67V Section prepared the north bay of Yano Hall to support the ROTC drill meet on 26 April 1980, and the 49er Party on 2-3 May 1980, and the NCO Wives Club Christmas Bazaar on 29 November 1980.

# DEPARTMENT OF FLIGHT TRAINING

## MISSION:

Conducts all flight instruction presented in formal courses of instruction at the United States Army Aviation Center. 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, Aer scout, and Cargo Branches; Cairns Division, with Cairns Airfield, Contract Evaluation, Rotary Wing Instrument, 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 Aer scout Combat Skills, 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), 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), contact, tactics, and night qualification/night vision goggles methods of instruction courses.

## KEY PERSONNEL:

<u>HEADQUARTERS</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Bruce H. Gibbons	Dir	Arr - 28 Oct 1980
COL Frederic W. Watke	Dir	Dep - 30 Sep 1980
MAJ Marvin H. Baker	Dep Dir	Arr - 21 Jul 1980
MAJ William L. Smith	Dep Dir	Dep - 18 Oct 1980
LTC John E. Watts	Dep Dir	Dep - 11 Feb 1980
MAJ John F. Mercadante	C, Opns Br	Dep - 13 Jan 1980
MAJ Alfred H. Elliott, Jr.	C, Opns Br	Arr - 14 Jan 1980
CW4 Loren K. Dow	Sfty Off	Arr - 8 Sep 1980
CPT Robert W. Achee	Sfty Off	Dep - 10 Sep 1980
SGM Harold F. Ayers	Chief Instr	Dep - 31 Dec 1980
Mrs. Leona S. Boginski	Admin Officer	Arr - 1 Jan 80
Mr. Millard Whittle	Supply	All of 1980

HANCHEY DIVISION

LTC John Bradley	Cdr	Arr - 20 May 1980
LTC Charles W. Abbey	Cdr	Dep - 31 May 1980
MAJ Robert O. Ehlers	Asst Cdr	Arr - 12 May 1980
MAJ John F. Mercadante	Asst Cdr	Dep - 12 May 1980
MAJ Jimmy V. Dobbs	Asst Cdr	Dep - 13 Jan 1980
CW2 James E. Mauldin	Sfty Off	Arr - 29 Sep 1980
CW3 Robert W. Landreneau	Sfty Off	Dep - 28 Sep 1980
CW3 Douglas J. Eschler	Sfty Off	Dep - 4 Jun 1980
MAJ Larry J. Kastanek	C, Tng Scd Br	Arr - 24 Jan 1980
MAJ Thomas R. Pearson	C, Tng Scd Br	Dep - 23 Jan 1980
MAJ Robert J. Hanson	C, Contract Eval	Arr - 10 Jan 1980
MAJ William L. Smith	C, Contract Eval	Dep - 31 Jan 1980
CPT(P) Stephen P. Jorgensen	C, Aeroscout Br	Arr - 10 Jul 1980
MAJ Robert J. Cleland	C, Aeroscout Br	Dep - 16 Jul 1980
MAJ Robert J. Cleland	*C, Atk/Ssct Br	Dep - 31 Mar 1980
MAJ Gary L. Bishop	C, Attack Br	Arr - 1 Apr 1980
MAJ John O. Britt, Jr.	C, Cargo Br	Arr - 1 Jan 1980

\*Attack/Aeroscout Branch was split into two separate branches on 1 Apr 80. MAJ Cleland assumed command of the Aeroscout Branch and MAJ Bishop assumed command of the Attack Branch.

CAIRNS DIVISION

LTC Robert R. Parks	Cdr	Arr - 14 Jul 1980
LTC James H. Thacker	Cdr	Dep - 3 Aug 1980
MAJ Warren W. Spencer	Asst Cdr	Arr - 16 Jun 1980
MAJ Ronald J. Wimberley	Asst Cdr	Dep - 13 Jul 1980
CW3 Charles D. Flook	Sfty Off	Arr - 1 Jan 1980
CPT George T. Greenlee	C, Tng Scd Br	Arr - 2 Jun 1980
CPT Michael A. Antonelli	C, Tng Scd Br	Dep - 23 Jun 1980
CPT James A. Tillman	C, Tng Scd Br	Dep - 12 Feb 1980
MAJ Larry Hester	C, Contract Eval	Arr - 30 Jun 1980
CPT(P) James C. Kennedy	C, Contract Eval	Dep - 29 Jun 1980
MAJ Michael W. Foster	C, Contract Eval	Dep - 18 May 1980
MAJ George W. Durr, II	C, RW Inst Br	Arr - 16 Jun 1980
MAJ Warren W. Spencer	C, RW Inst Br	Dep - 15 Jun 1980
CPT(P) James C. Kennedy	C, Airfield Br	Arr - 30 Jun 1980
CPT James A. Tillman	C, Airfield Br	Dep - 18 Jun 1980
MAJ Raymond L. Beauregard	C, Airfield Br	Dep - 12 Feb 80

LOWE DIVISION

LTC Steven B. Dodge	Cdr	Arr - 15 Oct 1980
LTC Robert J. Quesinberry	Cdr	Dep - 24 Nov 80
MAJ Wayne H. Stephens	Asst Cdr	Arr - 30 Apr 1980
MAJ Kenneth Satterfield	Asst Cdr	Dep - 29 Apr 1980
CW4 Melvin D. Revert	Sfty Off	Arr - 1 Jan 1980

CPT Robert B. Randle	C, Tng Scd Br	Arr - 28 Jan 1980
MAJ John M. St. John	C, Tng Scd Br	Dep - 21 Feb 1980
CPT James R. Jones	C, Airfield Ops Br	Arr - 1 Jan 1980
MAJ Joseph N. Memrick	C, Ctc/Night Qual	Arr - 4 Feb 1980
MAJ John W. Picot	C, Ctc/Night Qual	Dep - 3 Feb 1980
MAJ Dennis G. Tyner	C, Cbt Skls Br I	Arr - 21 Mar 1980
MAJ Michael M. Jacobi	C, Cbt Skls Br I	Dep - 20 Mar 1980
CPT(P) Harold J. Brecher	C, Cbt Skls Br II	Arr - 27 Jun 1980
MAJ Bruce S. Beals	C, Cbt Skls Br II	Dep - 14 Jun 1980
CPT(P) Calvin O. Purdin	C, IP/MOI Br	Arr - 11 Aug 1980
MAJ Samuel E. Denton	C, IP/MOI Br	Dep - 31 Aug 1980

The personnel turnover rate for period 1 Jan 80 through 31 Dec 80 was 63%. Authorized strength at the close of the calendar year was as follows:

Officer	159
Warrant Officers	407
Enlisted	130
DAC	140
Total	836

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

#### ACCOMPLISHMENTS:

In 1980 a total of 1,344 Initial Entry Rotary Wing (IERW) students graduated and received Army Aviator Wings. Included in the total were 76 Air Force Officers, 79 EURO/NATO students, 5 other Allied officers, 65 National Guard and 35 Reserve students. In addition to the IERW students, the Department of Flight Training graduated 2,383 aviators from 18 other programs of instruction.

In accomplishing this training, 353,582 hours were flown in the aircraft.

Four training vehicles were utilized in the IERW Course: the TH-55 during primary training--50 hours in 8 weeks; UH-1 transition--25 hours in 4 weeks; UH-1 instrument training--55 hours in 8 weeks, with 20 hours in the UH-1 and 35 hours in the UH-1 Flight Simulator (FS); UH-1 night/qualification--20 hours in 4 weeks; combat skills training--65 hours in 8 weeks, with 60 hours in the UH-1 and 5 hours in the FS; combat skills training--65 hours in 8 weeks, with 60 hours in the OH-58 and 5 hours in the FS.

Training aircraft used in graduate flight courses of instruction: FWMEQC--60 hours in 10 weeks and 2 days; OV-1 AQC--72 hours in 6 weeks and 4 days, with 49.5 hours in the OV-1 and 22.5 hours in the procedural trainer; OV-1 IPC/MOI--45 hours in 6 weeks and 2 days; U-21 IPC/MOI--45 hours in 6 weeks and 2 days; T-42 IP MOI--30 hours in 4 weeks; RWQC (US Air Force)-- 63 hours in 11 weeks with 39 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; 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 (RWI 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; RWART--30 hours in 4 weeks, with 18 hours in the UH-1 and 12 hours in the UH-1FS; UH-1 IPC--40 hours in 6 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/MOI--26.5 hours in 4 weeks and 1 day, with 25 hours in the OH-58 and in the MOI an additional 1.5 hours in the UH-1FS; OH-58 Aeroscout MOI--72 hours in 11 weeks and 2 days, with 69 hours in the OH-58 and 3 hours in the UH-1FS; CH-47 AQC--52.6 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-1G AQC--23.7 hours in 4 weeks, 2-1/2 days; AH-1G IPC/MOI--17 hours in 4 weeks,

2-1/2 days; AH-1S AQC--8 hours in 2 weeks and 2 days; UH-60 AQC--15 hours in 4 weeks; UH-60 IPC/MOI--20 hours in 4 weeks and 4 days.

The 1980 United States Military Academy (USMA) Aviation Summer Training Program was conducted by DOFT from July through August in the TH-55 helicopter. Fifty-one USMA cadets received the training this year. Hanchey Division provided each of the 51 cadets approximately 15 hours of flight instruction, totaling 765 hours of flight time.

During the year support was furnished to the Naval Aviation Observer School; 434 Field Artillery Brigade, 86th US Army Reserve; 1/26th Cavalry, Rhode Island Army National Guard; Alabama Civil Air Patrol; 282d Combat Support Helicopter Company; Florida State ROTC Units; Alabama Army National Guard; El Salvador pilot training; Missouri National Guard Bureau; and D Troop 4/12 Cavalry, Fort Polk, Louisiana.

This Department also had the opportunity and responsibility to provide crews and aircraft for a number of static displays, including the Gulf Coast Community College, Panama City, Florida; Tuskegee Institute; the first Dothan Air Transportation Day; Maxwell Air Force Base; Aviation Day at Eglin Air Force Base; Armed Forces Day at Montgomery, Alabama; and German/US Staff Talks, Fort Rucker, Alabama.

The Department furnished a number of personnel in support of military assistance teams and military training teams for organizations and individuals throughout the US.

The Department's accident rate per 100,000 flight hours was 1.73; the incident rate was 2.09. These rates were from January through September. At that time a new system for classifying accidents went into effect. From October through December mishap rates were as follows:

Class A	- 4.47
Class B	- 1.49
Class C	- 16.4

1980 reflected a significant decrease from the previous year.

Five Safety Certificates of Achievement were awarded for accident-free flying hours to various branches in the Department.

Individual Safety Certificates of Achievement were received by 39 flight instructors at Lowe Division, seven flight instructors at Hanchey Division, and 41 flight instructors at Cairns Division. In addition to the above, four flight instructors received Broken Wing Awards.

Military awards consisted of 32 Meritorious Service Medals, 56 Army Commendation Medals, and 10 Certificates of Achievement.

Department of the Army Civilian Ratings/Awards consisted of 45 Outstanding Performance Ratings, five Sustained Superior Performance Ratings, and three Quality Step Increases.

A significant number of VIP briefings were conducted throughout the year. These were presented to senior officers and civilians of the US Army, US Air Force, US Navy, and various foreign countries, including: France, Sweden, England, Kenya, Netherlands, Canada, Germany, Egypt, Saudi Arabia, and Italy. Briefings to the distinguished VIPs included: Mr. Cardinali, GS-17, Southeast Regional Director for the FAA; MG Rosenblum, Deputy Chief of Staff for Training, TRADOC; LTG Otis, Deputy Chief of Staff-Operations, Washington, DC; MG Wagner, Commanding General of the Armor Center and Ft Knox; BG Fulwiler, Director of the Nuclear & Chemical Directorate Office of Deputy Chief of Staff for Operations (ODCSOPS), Washington, DC; BG Kenyon, Deputy Director for Requirements and Army Aviation Office (ODCSOPS); MG John M. Sawe, Commander Kenyan Army; COL Douglas A.N.C. Miers, Assistant Military Attache and Deputy Commander British Army Staff, Washington, DC; BG(P) Crowell, Deputy Chief of Staff for Training, TRADOC; Dr. Eugene Yore, Deputy for Science and Technology, Army Science Board; LTG Tackaberry, XVIIIth Airborne Corp Commander; LTG Ross, Deputy Commanding General, FORSCOM; MG Mohamed Lotfi Shabana, Commander Egyptian Air Force; MG Stelio Cortolezzis, Inspector of Army Aviation, Italian Army; MG Carl H. Cathey, Jr., Director of Requirements, HQ Tactical Air Command, Langley Air Force Base, Virginia; Dr. Joseph H. Yang, Deputy Assistant Secretary of the Army (R&D), Office of the Assistant Secretary of Army for Research, Development, and Acquisition, Pentagon; COL Hickey, Aviation Equipment Procurement, Ministry of Defense, Great Britain; MG James P. Maloney, Director, Weapons Systems,

Office of the Deputy Chief of Staff for Research, Development, and Acquisition; Mr. James G. Plummer, Military Education Branch, Army National Guard Operating Activity Center, MG George W. Putnam, Jr., Commanding General, United States Army Physical Disability Agency, Walter Reed Hospital; Mr. Tom Culligan, Legislative Assistant to Congressman Earl D. Hutto; Mr. Randy Knepper, Administrative Assistant to Congressman Hutto; GEN Donn A. Starry, Commanding General, TRADOC; Governor James, Governor of Alabama; LTG Eberehard Burandt, Vice Chief of Staff, German Army; LTG Horst Wenner, Chief of German Army Office; and Gen Sir Richard E. Worsley, Quartermaster General British Army. Many of the briefings consisted of information pertinent to various types of flight training, including combat skills, night flying with night vision goggles, and a number of actual flight demonstrations conducted in the UH-1, AH-1S, OH-58, and UH-60. Some of the flights involved demonstrated the use of night vision goggles.

# DIRECTORATE OF TRAINING DEVELOPMENTS

## MISSION:

Directs all activities and actions encompassing the training development processes for which the school is proponent in the areas of training analysis, design, and development. Produces Collective Training Plan (Army Training and Evaluation Programs (ARTEP)), soldier's manuals, trainer's guides, job books, field manuals, training circulars, skill qualification tests (SQT), and aircrew training manuals (ATM). Develops and writes Individual Training Plans (ITP), programs of instruction (POI), training extension course (TEC) lessons, lesson plans, and correspondence courses. Acts as US Army Aviation Center (USAAVNC) point of contact (POC) for computer-assisted games, simulators, and training devices. Provides for staff and faculty development, Training Aids Service Center services, training aids support, and educational television. Prepares the US Army Aviation Digest. Serves as program director for training developments. Administers the 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 Office (PMO)
- Training Analysis and Design Division (TADD)
- Training Literature Division (TLD)
- Course Development Division (CDD)
- Training Aids Division (TAD)
- Educational Television Division (ETVD)
- Staff and Faculty Development Division (S&FDD)
- United States Army Aviation Digest (Avn Digest)

## KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>CY 80 ASSIGNMENTS AND DEPARTURES</u>
LTC(P) Ernest F. Estes	Director	1 Oct 80 - 31 Dec 80
COL George F. Newton	Director	1 Jan 80 - 30 Sep 80
MAJ(P) William T. McLarty, Jr.	Dep Director	6 Oct 80 - 31 Dec 80
Mr. Clarence Newsom	Dep Director	2 Jun 80 - 5 Oct 80
COL William K. Bedsole	Dep Director	1 Jan 80 - 30 May 80
Mrs. Hellen G. Rhodes	Chief, PMO	1 Jan 80 - 31 Dec 80
LTC Rodney D. Lester	Chief, CDD	30 Jun 80 - 31 Dec 80
LTC John V. Owens	Chief, CDD	1 Jan 80 - 29 Jun 80
MAJ(P) Jerry C. Kemp	Chief, TLD	9 Oct 80 - 31 Dec 80
MAJ Rodric A. Storrs	Chief, TLD	1 Jan 80 - 8 Oct 80
MAJ Walter C. Whittier	Acting Chief, TADD	1 Oct 80 - 31 Dec 80
LTC Steven B. Dodge	Chief, TADD	1 Jan 80 - 30 Sep 80
Mr. Thomas B. Carr	Chief, ETVD	1 Jan 80 - 31 Dec 80
Mr. Jimmy L. Goodson	Chief, TAD	1 Jan 80 - 31 Dec 80
Mr. William B. Wells	Acting Chief, S&FDD	22 Dec 80 - 31 Dec 80
Mr. Albert F. Gibbs	Chief, S&FDD	1 Jan 80 - 21 Dec 80
Mr. Richard K. Tierney	Editor, Avn Digest	1 Jan 80 - 31 Dec 80

Authorized strength at the close of the year was as follows:

Officers - 59, Warrant Officers - 5, Enlisted - 68, Department of the Army Civilians - 185,  
Total - 317.

DTD coordinated the Self-Study and other activities which resulted in accreditation of USAAVNC by the Southern Association of Colleges and Schools for a period of five years.

## ***PROGRAM MANAGEMENT OFFICE***

### MISSION:

Serves as Program Manager and POC for status of all programs including assigned projects and operating programs. Acts for the Program Director on resource matters. Formulates plans and procedures and manages the interface and handoff within/between training developments and other activities, and revises, as required. Supervises the Word Processing Center (WPC). Performs programming and budgeting functions, exercises staff supervision for budget preparation and execution, and provides required data and reports to Director of Resource Management (DRM). Conducts continuous analysis of resource utilization and implements necessary reprogramming action. Coordinates development and approval of program change proposals for new and revised training within directorate and with Working Program Resource Advisory Committee and United States Army Training and Doctrine Command (TRADOC). Monitors commercial and industrial type activities actions and acts for Program Director in assigned areas of responsibility. Serves as POC for civilian contract support, as required. Monitors development of current and out-year USAAVNC resource requirements to support training development tasking. Develops and monitors training development annexes of the TRADOC Resources Contract and is POC for the directorate. Conducts review and analysis of training developments activities. Translates training developments taskings into measurable workload. Maintains central control systems for projects and actions, conducts continuing evaluation of progress toward milestones, and reprograms as necessary. Develops DTD annual work plan to include subject matter experts (SME) man-day requirements, revises as changes occur, and distributes to DTD divisions, Directorate of Training and Doctrine (DOTD), Directorate of Evaluation and Standardization (DES), and Directorate of Combat Developments (DCD). Compiles, monitors, and evaluates the training developments portion of the TRADOC Management Information System (TRAMIS) and forwards appropriate data to DRM. Develops manpower requirements and organizational structures in support of assigned mission and forwards appropriate data to DRM. Formulates policies and procedures related to administrative functions within the directorate. Serves as central POC for military and civilian personnel matters. Processes recommendations for awards and decorations. Serves as Security Control Manager. Performs records management services for the directorate. Provides internal administrative and logistical services for the headquarters. Prepares directorate emergency, contingency, supporting, and mobilization plans. Schedules training and maintains records for accomplishment of the Aircrew Training Program within the directorate. Coordinates and schedules training for directorate military personnel. Coordinates the directorate's Equal Opportunity Program.

### ACCOMPLISHMENTS:

Participated in the TRADOC Review of Manpower for FY 81 and FY 82 at Fort Eustis, Virginia. A total of 505 manpower requirements were validated for FY 81 and 485 for FY 82.

The WPC produced 120,000 typed pages during CY 80 in support of training development institutional and exportable products.

Managed the FY 80 operating budget of \$5,351.4K, which included three Army Management Structure Codes involving 26 Accounting Processing Codes.

Prepared training development input to the FY 81 Command Operating Budget, which included developing systems resources for training development actions to support the AH-64, UH-60, OH-58, CH-47, HELLFIRE, and Position Locator Radar System.

Effective 1 Jan 80, the Training Aids Division and Educational Television (ETV) Division were deleted from TRAMIS/CACMIS data base.

The responsibility for the Doctrinal Literature Program (DLP) was transferred to DOTD on 3 Oct 80 IAW TRADOC message 191415Z Jun 80, subject: Doctrinal Literature Program (DLP). One civilian authorization was transferred to DOTD for FY 81.

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

- Aviation Warrant Officer Advanced Course
- Rotary Wing Aviator Refresher Training Course
- Aviation Commander's Readiness Course
- Rotary Wing Instrument Flight Examiner Course
- Fixed Wing Multi-Engine Qualification Course
- Air Traffic Control Noncommissioned Officer Advanced Course
- OV-1 Aviator Qualification Course
- Air Traffic Control Tower Operator Course
- Air Traffic Control Radar Controller Course
- Flight Operations Coordinator Course
- Warrant Officer Candidate Military Development Course
- C-12 Aircraft Qualification Training
- C-12 Instructor Pilot Course
- Warrant Officer Orientation Course
- Combat Aviator Qualification Course
- Army Aviation Medicine Basic Course
- Pre-Command Course
- Cadet Military Secondary Training for ROTC Training
- CH-47 Aviator Qualification Course
- Flight Simulator Specialty Course
- AH-1S Aviator Qualification Course
- AH-1G Instructor Pilot Course

The FY 83-87 Program and Resource Review included development of training initiatives for the Rotary Wing IPC (Systems IP), the IERW Combat Aviator Course (Multi-Track), Visual Systems for the UH-1FS, the Combat Aviator Qualification Course, UH-60 Combat Aviator Qualification Course, Aviation Officer Job Task Analysis, and Night Hawk/Night Vision Goggle IP Course.

ITP Proposals were developed for MOSs 71P, 93H, and 93J.

Developed the FY 81/82 DA Study Program for aviation training developments, which included ten Cost and Training Effectiveness Analyses (CTEA), now designated as Training Development Study (TDS), and three Training Effectiveness Analyses.

Developed the FY 82 Human Research Needs (HRN) Program for aviation training, which included 14 HRN candidates.

Effective 1 Jan 80, responsibility for recording and reporting SME required and programed man-days was transferred from Directorate of Training to DTD.

Developed and negotiated TRADOC MOS Special Configuration Project Memorandum of Agreement between US Army Training Support Center (USATSC) and USAAVNC.

Developed and negotiated Memorandum of Agreement (MOA) between USATSC and USAAVNC for placement and utilization of USATSC Test Specialists in support of SQT Development, effective 1 Oct 79.

Developed and negotiated MOA between Army Research Institute, USAAVNC and Directorate of Training Developments, USAAVNC, to establish liaison and coordination policies, effective 1 Apr 80.

Developed and implemented General Performance Appraisal System for directorate civilian personnel.

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

## MISSION:

Performs Phases I and II of the Instructional Systems Development (ISD) process for USAAVNC proponent Individual Training Programs for Officers, Warrant Officer and Enlisted specialties. Conducts analysis of training requirements for existing aviation systems and subsystems and for those under development. Participates in development of training tasks for development and operational testing of aviation systems/subsystems. Performs Cost and Training Effectiveness Analysis. Determines training needs for Reserve Components. Reviews and acts on feedback data from DES and the field. Supports development and review of training programs under Skill Performance Aids. Maintains liaison with Combined Arms Center and acts as USAAVNC POC for computer-assisted games and simulation. Acts as USAAVNC POC and coordination center for simulators and training devices. Develops materiel requirements documents (TDR, TDLR, LOA) for simulators and training devices. Participates in the development of plans for tests/studies of simulators and training devices. Provides continuous coordination with Directorate of Combat Developments on matters relating to new equipment training (NET), required operational capability, letter requests, Basis of Issue Plans (BOIP), Qualitative and Quantitative Personnel Requirements Information (QQPRI), Operational Tests, Development Tests, Cost and Operational Effectiveness Analysis (COEA), and other areas of mutual interest.

## ORGANIZATION:

The Training Analysis and Design Division is composed of four branches:

- Training Analysis Branch
- Training Design Branch
- Training Devices Branch
- New Equipment Training Development Branch

## ACCOMPLISHMENTS:

Completed the following Instructional System Development actions:

(New)

- Warrant Officer Candidate Development Course
- Warrant Officer Advanced Course
- Night Hawk/Night Vision Goggles Instructor Pilot Methods of Instruction Course
- Specialty 15 Basic Course
- Specialty 15 Advanced Course
- Air Traffic Control Radar Operator Basic Technical Leadership Course
- U-21 Aviator Qualification Course
- C-12 Aviator Qualification Course

(Review)

- Initial Entry Rotary Wing (USA)
- Initial Entry Rotary Wing (USAF)
- Initial Entry Rotary Wing (EURO/NATO)
- UH-1 Instructor Pilot Course
- CH-47 Instructor Pilot Course
- AH-1S (Modernized) Aviator Qualification Course
- UH-60 Aviator Qualification Course
- Air Traffic Control Radar Controller Course
- CH-47 Aviator Qualification Course
- Flight Operations Specialist Course
- Rotary Wing Instructor Pilot Course (Utility Track)
- Rotary Wing Instructor Pilot Course (CH-47 Track)
- Air Traffic Control Noncommissioned Officer Advanced Course

DESIGN:

(New)

Rotary Wing Instrument Flight Examiner Course  
Warrant Officer Candidate Development Course  
Flight Operations Coordination Primary Technical Leadership Course

(Review)

Initial Entry Rotary Wing (USA)  
Initial Entry Rotary Wing (USAF)  
Initial Entry Rotary Wing (EURO/NATO)  
Air Traffic Control Tower Operations Course  
UH-60 Aviator Qualification Course

Completed the following actions in support of developing systems:

Completed/Updated Individual-Collective Training Plans for the CH-47D, UH-60, the HELLFIRE Modular Missile System.

Updated New Equipment Training Plans for 66 aviation-related developing systems, including the Near Term Scout Helicopter, Stand-Off Target Acquisition System, AN/ALQ-144(V) Countermeasure Set, AN/ADR-6 Aerial Radiac System, AN/ASN-43B Heading Reference System, and the Aviator Night Vision Imaging System.

Updated/completed Training Support Packages (TSP) for:

GRETA (Ground Radar Emitter for Training Aviators)  
AN/ALQ-156 Countermeasure Set  
AN/ALQ-136 (V)1 Radar Jammer  
AN/ALQ-147 (V)1 and 2 Countermeasure Sets  
M-130 Chaff/Flare Dispenser

Provided Training Assessment input (BOIP, QQPRI, etc.) for 54 proponent/non-proponent systems, including all Aircraft Survivability Equipment (ASE) and the new AH-64 Advanced Attack Helicopter.

Provided New Equipment Training Team (NETT) instructors for AN/APR-39 (V)1 Radar Warning Receiver and the Ground Radar Emitter for Training Aviators for personnel from Fort Campbell, Fort Bragg, Fort Hood, and Fort Rucker, including the GRETA customer test personnel.

Developed two ETV training tapes on radar principles and Threat for common use with ASE training.

Conducted an in-depth study directed by TRADOC on "Operator/Maintenance Training for ASE" which will have significant overall impact on future Army Aviation.

Attended 36 training support work group conferences/meetings/in-process reviews on various aviation-related developing systems.

Assisted TRADOC System Manager - Attack Helicopters (TSM-A) in formulating both the worldwide fielding concept and the OT II Test Evaluation Plan for the AH-64 Project.

Provided an instrumented range evaluation to the National Training Center in Fort Irwin, California.

Revised soldier's manuals, trainer's guides, and job books for MOSs 71P, 93H, and 93J.

Reviewed and coordinated the review by the Aviation Center Team of the Army Aviation Maintenance Career Maintenance Field 67 Study (COL Vine's Study).

Developed 21 SQTs for MOSs 71P, 93H, and 93J.

Validated 12 SQTs for MOSs 71P, 93H, and 93J.

Completed an analysis of the Combat Arms School's POIs to determine the degree of aviation subject integration in the Officer Basic Course/Officer Advanced Course (OBC/OAC) in those schools.

Completed the Officer Job/Task Analysis Plan for Company Grade SC 15 officers under RETO (Review of Education and Training for Officers).

Completed an exportable training package for use by IN, AR, FA, ADA, SC, and MI schools. This is the SC 15 Orientation Program which will be given by each school listed, to the SC 15 officers in the OBC.

Completed the documentation and distribution of the 19 aviation tasks for integration into the OBC/OAC of all SC 15 carrier branch schools.

Completed two separate abbreviated training strategies for Company Grade SC 15 officers to carry through the 1980s.

Completed the gathering of tasks, skills, knowledges, responsibilities, additional duties and equipment for the Company Grade SC 15 MILPERCEN Survey.

Completed the following Army Training and Evaluation Program actions:

- Development of ARTEP 1-252, "Combat Aviation Group/Battalion (Nondivisional)"
- Front-end analysis, validation, and development of ARTEP 1-127, "Army/Corps Aviation Company"
- Front-end analysis, validation, and development of ARTEP 1-285 (Test Edition), "HHC, Combat Support Aviation Battalion (ACAB), Combat Support Aviation Company, and General Support Aviation Company"
- Review of 15 non-proponent ARTEPs
- Review of all ARTEPs by the Air Cavalry Attack Brigade ARTEP Review Board for inclusion into the Air Cavalry Attack Brigade (ACAB).

Developed, validated, and distributed 24 versions of the 1981 US Army Aviation Annual Written Examination for testing approximately 16,000 Active Army and Reserve Component Army aviators.

Completed a review of the CH-47 FS CTEA.

Completed a study entitled "Training the Aviation Force Through the 1980s"

Completed a "Training Symposium" aimed at 14 categories of problem areas facing Army aviation through the 1980s.

Developed work specifications and initiated action for contract performance of the AH-64 CTEA.

Wrote a speech, "Combat Aviation Training Strategies for the 1980s," that Major General Merryman presented to the Armor Conference.

In May 80, the UH-60 hydraulic and electrical trainers were accepted at Fort Gordon.

In Aug 80, the UH-60 composite trainer was accepted at Fort Rucker.

DT II for the UH-60 Flight Simulator began on 30 Jun 80. Test was suspended on 31 Jul 80 due to trainer and building deficiencies.

Training Device Letter Requirements for the family of part-task trainers for the AH-64 were drafted in Jul 80.

Training Device Letter Requirements document for the AN/APR-39(V)1, Inflight Radar Warning Trainer, was submitted to TRADOC for approval in Nov 80.

Training Device Requirements document for the GRETA was drafted in Dec 80.

## ***TRAINING LITERATURE DIVISION***

### MISSION:

Responsible for the USAAVNC's portion of the TRADOC Army-Wide Training Literature Program requirements. Develops and coordinates the preparation of proponent field manuals, DA pamphlets, training circulars, 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. Provides interface with DCD to insure training publications are developed in consonance with international Standardization Agreements (STANAG), and coordinates final draft manuscripts of publications to insure compliance with STANAGs and Quadripartite Standardization Agreements. Maintains individual files for each aviation training publication.

### ORGANIZATION:

The Training Literature Division is composed of three branches:

- General Publications Branch
- Standardization Publications Branch
- Publications Production Branch

### ACCOMPLISHMENTS:

The following publications were completed and forwarded to TRADOC:

#### New Publications:

- TC 1-62, Aviation Life Support Equipment
- TC 1-75, Aviation Guide for the UH-1 Simulator
- TC 1-134, Commander's Guide for Utilization of the Aircrew Training Manuals
- TC 1-135, Aircrew Training Manual - Utility Helicopter
- TC 1-136, Aircrew Training Manual - Attack Helicopter
- TC 1-137, Aircrew Training Manual - Observation Helicopter
- TC 1-139, Aircrew Training Manual - Cargo Helicopter
- TC 1-144, Aircrew Training Manual - Surveillance Helicopter
- TC 1-145, Aircrew Training Manual - Utility Airplane

#### Revised Publications:

- FM 1-5, Instrument Flying and Navigation for Army Aviators
- FM 1-88, Aviator's Recognition Manual
- FM 1-50, Fixed Wing Flight

## ***COURSE DEVELOPMENT DIVISION***

### MISSION:

Performs Phase III of Instructional Systems Development for individual training. Using ISD and draft Individual Training Plan, develops and writes programs of instruction, instructional management plans, lesson plans, and related instructional material for institutional and extensive instruction to include self-teaching exportable packages, programed texts, the Army Correspondence Course Program, and Training Extension Course lessons. Coordinates and validates preparation of institutional and extension training material. Updates and coordinates changes to institutional and extension courses based upon comments/feedback from students, other service schools, agencies, training centers, and other sources. Prepares ITP for which USAAVNC is proponent. Maintains vault file of POIs. Prepares scripts in support of the USAAVNC Educational Television

and Department of the Army Audiovisual Production Program (DAAPP). Researches, develops, prepares, and coordinates scripts to support DA- and TRADOC-directed instructional TV production requirements.

ORGANIZATION:

The Course Development Division is composed of three branches:

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

ACCOMPLISHMENTS:

Eighteen new correspondence subcourses were developed and fifteen were revised.

Development work progressed on 113 contractor-assisted and 25 in-house TEC lessons; 40 TEC lessons were completed in FY 80.

Designed and developed a validation plan for IERW Multi-Track.

A full scale validation of both academic and flight objectives in the CH-47 AQC was conducted.

Developed addition of chapter 4, IP Information, for CH-47 IPC, OV-1 IPC, U-21 IPC, and T42 MOI Flight Training Supplements.

Developed a plan to evaluate the contractor training for the AH-64 OT II training.

Assisted in the development/validation/implementation of end-of-course comprehensive examination for MOSs 71P10, 93H, and 93J.

Developed IERW student orientation pamphlet.

Developed three television films for the Commanding General's Orientation Program: "WOC Military Development Course," "IERW Flight Training Program," and "Fort Rucker and Surrounding Areas."

Revised the following programs of instruction:

- Fixed Wing Multi-Engine Qualification Course
- OV-1 Instructor Pilot Course
- OV-1 Aviator Qualification Course
- Warrant Officer Senior Course
- Aviation Warrant Officer Advanced Course
- Warrant Officer Candidate Military Development Course
- Air Traffic Control Tower Operator Course
- Air Traffic Control Radar Controller Course
- Air Traffic Control NCO Advanced Course
- Officer/Warrant Officer Air Traffic Control Course

Developed the following programs of instruction:

- C-12 Aviator Qualification Course
- C-12 Instructor Pilot Course
- Combat Aviator Qualification Course (Attack) Phase I
- Warrant Officer Orientation Course

# TRAINING AIDS DIVISION

## MISSION:

The Training Aids Division is a consolidated training aid/audiovisual support activity, providing a single point of contact for coordination of training aid requirements. It is responsible for a centralized multi-media consultation service, control and distribution of work requests, control of priorities, quality assurance, and responsive service. Provides training aids support for the US Army Aviation Center, the Army Reserve, National Guard, and ROTC units assigned within the geographic support area. Supported units and activities use a wide variety of training aids, particularly 35mm slides, transparencies, graphic training aids, and devices which are provided through approved request channels. Additional services are available in support of Army aviation subjects taught in military installations throughout the world.

## ORGANIZATION:

The Training Aids Division is composed of five branches:

- Graphics Branch
- Devices Branch
- Photographic Branch
- Administrative/Supply Branch
- Electronic Branch

## ACCOMPLISHMENTS:

The Graphics Branch 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 as required. During this period a total of 42,329 end items were fabricated.

The Devices Branch fabricated training devices at a high level of production and quality. New and/or modernized aircraft have generated requirements for devices for use in the academic department. Some of these devices have required exceptional skills in both the mechanical and electronic components used to simulate actual operations. Particularly noteworthy during this period are the AH-1S Cobra (ECAS) Pilots Armament Control Panel, Gunner Armament Control Panel, and Tow Armament Control Panel Trainer; AH-1S Cobra (Modernized) Electrical Panel Trainer; Scaled Terrain Boards 4' x 10', Hunfeld Germany area; AH-1S Cobra Horizontal Situation Indicator; UH-60A Blackhawk Fire Detector and Fire Extinguishing System Panel Trainer. During this period, 10,105 end items were fabricated.

The Photographic Laboratory processed an exceptional number of support items for a variety of users. The majority of items produced were for 35mm color slides, color prints, and black-and-white prints. During this period a total of 726,991 negative equivalents were fabricated.

The Supply Section (Audiovisual Support) processed requests from all areas within the Fort Rucker geographic support area. These requesters were provided many various pieces of audiovisual hardware with which to present their training message. This hardware included 16mm projectors, 35mm projectors, overhead projectors, opaque projectors, Besseler "Que-See" projectors, audio tape cassette players, sound reinforcement equipment, and Sony television trainers. Software was also provided to requesters and consisted of 16mm films, cassette tapes, DA-approved overhead transparencies, and paper 'flip' charts. During this period a total of 348,068 items were processed.

## ***EDUCATIONAL TELEVISION DIVISION***

### MISSION:

Performs all steps, including development, production, and editing, required for production of educational television programs supporting instruction at the US Army Aviation Center, in Reserve Component and National Guard aviation units, and for the DAAPP Army-wide distribution schedule. Operates and maintains facilities for product distribution, through the on-post closed circuit cable playback system, and by the recording of tape duplicates employed where videocassette playback units are used. The Division advises the Director of Training Developments of appropriate and effective utilization of the television medium in the training design process based on the Instructional System Development model.

### ORGANIZATION:

The Educational Television Division is composed of two branches:

Production Branch  
ETV Technical Operations Branch

### ACCOMPLISHMENTS:

The ETV Division completed production of 107 instructional television programs (tapes) with a total running time of 3,418 minutes. Of the 107 programs, 17 were produced for exportable training purposes. Four thousand video tapes were dubbed for local and worldwide training use.

The following examples reflect the diversity of program type and subject content in the ETV Division CY 80 program output: Orientation for individuals being assigned to flight training, updated preflight procedures for UH-1 aircraft, new equipment training programs, and other related training areas.

Two instructional TV tapes were completed to replace outdated tapes: "UH-1 Preflight Procedures, Parts I and II."

One production was completed and exported as part of a NET package: "Operations of the AN/ALQ-147A(V)1 and (V)2 Countermeasures Set."

Nine productions on the AH-1G MOD "S" helicopter were made in support of Army National Guard and Reserve Component training.

New state-of-the-art television equipment components were delivered and placed in service. Acquisition of the new components enabled the ETV Division to significantly improve video (picture) quality in all productions, while providing greatly increased creative flexibility. The new components included: One Ampex VPR-2 television tape recorder, which provided broadcast quality video, slow motion, still frame, and other production options; one RCA TK-76 camera, incorporating studio quality picture capability within an aircraft-portable package.

## ***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, instructional systems development, 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 instructor pilots.

#### ACCOMPLISHMENTS:

The Action Officer's Workshop, a new course of instruction designed to teach local and DA staffing procedures, began in August and graduated 38 action officers. Effort was initiated to create specialty tracks to train action officers in specific training developments actions. Specialty tracks for all areas at USAAVNC were planned for the future.

The Instructor Training Course (ITC) and the Student Counseling Course were revised to incorporate new techniques and innovative ideas. Graduating from these courses were 198 students and 194 students, respectively.

The Senior and Master Instructor Awards Program continued to be a success as more than 50 awards were presented during the year.

The ISD Course graduated a record number of 98 students.

## ***U.S. ARMY AVIATION DIGEST***

#### MISSION:

Coordinates with USAAVNC activities, Department of the Army, 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 US Army Aviation Digest. Assembles completed material in specific order for submission to the contractor, in accordance with established schedules for printing and distribution. Monitors publication on behalf of the Adjutant General Office and Government Printing Office (GPO) to insure compliance with the printing contract.

#### ACCOMPLISHMENTS:

In Feb 80, the Thomasson Printing Company, Carrollton, GA, had its contract for printing the Aviation Digest renewed for one year by the GPO. The April issue was the first under the new contract.

On 25 April 1980, the Department of the Army Adjutant General gave approval to the Aviation Digest to continue publishing in accordance with the requirements of AR 310-1.

The Aviation Digest averaged 31,814 copies printed each month under pinpoint distribution handled at DA level. The highest number printed was 33,512 in January.

In Sep 80, the US Army Aviation Center Thrift Shop allocated funds to purchase and present an engraved pen to each monthly winner in the Aviation Digest Writing Awards contest, and a calculator to the annual winner. These are presented in behalf of the Thrift Shop. The first pen was awarded to the Oct 80 winner.

Coverage during 1980 included all aspects of Army Aviation. Significant highlights were:

- Coverage in April and May of the Infantry Center, Fort Benning, GA, with both monthly winners going to Infantry Center authors
- LTG Harry W. O. Kinnard's two part series (Jun, Jul) on Airmobility Revisited--this series is still in demand
- Special Air Cavalry Attack Brigade coverage in July by Major Albert Stewart
- Army Aviation role in the Mount St. Helen's eruption in the September and November issues
- Coverage in the October issue of the US Army Transportation Center and School
- REFORGER from the Reserve Component point of view in December
- Several articles on flight simulators with a bibliography of previous simulator articles covered

# DIRECTORATE OF COMBAT DEVELOPMENTS

## MISSION:

Serves as program manager for actions encompassed by the force development/combat development process for which the Aviation Center is proponent, and insures necessary and effective interface, handoffs, and integration with school training developments, training and evaluation programs and other related actions. Routinely conducts validation of products and processes for which the Aviation Center is proponent. Conducts evaluations throughout the life cycle to insure design goals are achieved.

## ORGANIZATION:

The Directorate of Combat Developments (DCD) consisted of the following organizational elements:

- Program Management Office
- Test and Evaluation Division
- Concepts and Studies Division
- Organization Division
- Materiel Systems Development Division

## KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Clark A. Burnett	Director	Entire Year
LTC George Coutoumanos	Chief, Concepts & Studies Division	Entire Year
LTC David L. Funk	Chief, Materiel Systems Development Division	Entire Year
LTC Stephen S. MacWillie	Chief, Organization Division	Arr 1 Nov 80
LTC Theo S. Epperson	Chief, Organization Division	Dep 1 Nov 80
MAJ John Valcourt III	Chief, Test and Evaluation Division	Arr 18 Aug 80
MAJ Ronald R. Benson	Chief, Test and Evaluation Division	Dep 18 Aug 80
Mrs. Margarite S. Hodges	Chief, Program Management Office	Arr 23 Nov 80
Mrs. Katreen S. Vaughan	Chief, Program Management Office	Dep 23 Nov 80

## STRENGTH:

Authorized strength at the close of year was as follows:

<u>OFFICERS</u>	<u>ENLISTED</u>	<u>CIVILIANS</u>	<u>TOTAL</u>
80	8	50	138

Assigned strength at the close of the year was as follows:

<u>OFFICERS</u>	<u>ENLISTED</u>	<u>CIVILIANS</u>	<u>TOTAL</u>
73	5	46	124

## ***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, maintenance 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).

### ACCOMPLISHMENTS:

Performed missions as described above.

## ***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 reviewed test report prepared by test organization. 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 provides limited funding to open the Research & Development (R&D) door for potentially valuable concepts and products.

### ACCOMPLISHMENTS:

Prepared the following independent evaluation/concept evaluation reports:

- High Performance Utility Helicopter Hoist
- Variable Density Night Vision Goggle Filters
- AN/APR-39 (V)2 Radar Warning Receiver
- OH-58 Night Vision Goggle Compatibility
- Scout to Attack Helicopter Target Hand-Off Using Data Burst Transmission
- Integrated Night Vision Goggle Display
- Analog Training Computer, 11214 Helicopter
- Instrument Flight Simulator
- United Kingdom Nuclear Biological & Chemical (NBC) Reference Assemble
- XM-21 Stabilized Monocular

Prepared independent evaluation plans for the following:

Aviators Night Vision Imaging System (ANVIS)  
AN/ASN-43B Heading Reference Indicator  
High Technology Test Bed Testing  
Combat Support Aviation Battalion (CSAB)  
HQ: HQ Company  
General Support Aviation Company (GSAC)  
AN/AVR-2 Laser Warning Receiver  
AN/ARC-186 VHF AM/FM Communications Radio  
Aviation Operations in a Contaminated Environment (AOPCE)  
XM-21 Stabilized Monocular

Participated in and/or monitored testing/evaluation of the following:

Advanced Attack Helicopter (AAH)  
Joint Countering of Attack Helicopter  
Mast Mounted Sight  
Joint Exploitation Programs  
Forward Looking Infrared Radar (FLIR) Augmented Cobra Turreted System (FACTS)  
Helicopter Operations in a Night Environment Against Simulated Threat  
HELLFIRE Flight Simulator  
Integrated Aircrew Helmet  
CH-47 Modification Program  
Advanced Scout Helicopter (ASH)  
UH-60 Black Hawk  
AH-1 Flight Simulator  
CH-47 Flight Simulator  
UH-60 Flight Simulator  
Joint Interoperability Tactical Command and Control Systems (JINTACCS)  
Flotation Kit for Helicopter Crewmen  
Integrated Inertial Navigation System (IINS)  
Position Locating Reporting System (PLRS)  
Lightweight Doppler Navigation System (LDNS)  
Projected Map Display (PMD)  
Navigation Satellite System (NAVSTAR)  
Stand Off Target Acquisition System (SOTAS)  
Joint Tactical Microwave Landing System (JTMLS)  
XM-29/30 Protective Mask  
Suppression of Enemy Air Defense System (SEADS)  
Tactical Aircraft Survivability in Close Air and On Armor Operations (TASVAL)  
AH-1 Fire Control - Airborne Laser Tracker  
Analysis of the Dynamics of the 30mm  
2.75" Submunition Warhead  
HELLFIRE Anti-Tank Missile  
AN/PRC-112 Survival Radio  
Nap-Of-The-Earth Communications (NOE COMM)  
AN/ALG-136 (XE-2) Radar Jammer  
AN/ALG-156 Missile Detector  
XM-130 Aircraft General Purpose Dispenser  
Optical Warning Locator/Detector (OWL/D)  
AN/ALG-147 IR Countermeasures  
Aircraft Survivability Equipment

## ***CONCEPT AND STUDIES DIVISION***

### MISSION:

Supervises subordinate elements engaged in the performance of assigned combat development study functions covering near, mid and long time frames relating to threat, conceptual studies and

analyses, operational and cost effectiveness, and war games. Serves as USAAVNC study program manager for studies which meet the criteria of AR 5-5. Tasks the TRADOC Systems Managers, Director of Training and Doctrine (DOTD), Director of Training Developments (DTD), and Director of Evaluation and Standardization (DES) to provide input to the program. Coordinates consolidated study program prior to submission to the Commanding General. Acts as primary point of contact for the commander on matters concerning threat. Acts as the USAAVNC action agency for tasking related to development of the TRADOC Standard Oriented Recurring Evaluation Systems (SCORES). Conducts cost and operational effectiveness analyses (COEA) relating to aviation materiel within the capabilities of assigned assets and jointly with other centers as directed by TRADOC. Integrates test results into COEA and studies.

ACCOMPLISHMENTS (Proponent Studies):

HELLFIRE Fire and Forget Seeker (HFFS). Cost and Operational Effectiveness Analysis (COEA) Update Executive Summary and Main Report forwarded to DA 1 December. Preliminary HELLFIRE Fire and Forget ASARC II Review 12 December.

Army Aviation Mission Area Analysis (AAMAA). Efforts were begun during last quarter to conduct this major analysis to identify aviation-related deficiencies in augmenting ground commander's capability.

Army Helicopter Improvement Scout (AHIP-SCOUT). Main Report, Administrative Appendices and Technical Appendices published 4th Quarter.

Provided representative(s) for the following conferences/work groups:

- Twenty-fourth (24th) and twenty-fifth (25th) Meeting of Air Standardization Coordinating Committee
- Air Defense Systems Program Review Meeting at Ft. Bliss, TX
- Joint Tactical Information Distribution System (JTIDS) Joint Message Service Working Group at Ft. Monmouth, NJ
- Logistics Exercise 81
- Annual Aviation Training Symposium
- Tenth (10th) Quadripartite Working Group in England
- SCORES Action Officer Workshop on Europe III and Europe IV Scenarios

Conferences/Work Groups Hosted:

- Fourth (4th) Helicopter Interservice Working Group (HISWG).
- Forward Arming/Refueling Point (FARP) Conferences
- Class III/IV Joint Working Group

OTHER ACCOMPLISHMENTS:

Monitored and/or provided input to the following:

- Division 86
- Lightweight Doppler Navigation System
- Position Location Reporting System
- Threat to Army Aircraft and Units
- Light Division Force Structuring
- Echelons Above Corps Force Structuring
- Flight in Nuclear, Biological & Chemical (NBC) Environment
- Armed Helicopter Requirements Review (AHRR)
- Operational Survivability Evaluation - UH-60
- Scenario Oriented Recurring Evaluation Systems (SCORES)
- Aircraft Avionics Program
- Heavy Corps Force Structuring Study
- Advanced Scout Helicopter Concept Validation
- HELLFIRE COEA

# 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:

Division, Corps, and Army-86 Study. Conducted the expanded analysis of the Air Cavalry Attack Brigade (ACAB) force structure, an in-depth look into the feasibility, affordability, and desirability of the new organization. Provided TRADOC, FORSCOM and DA with ACAB TOE to support 9th Infantry Division ACAB field plan. Provided Heavy Division TOE data for Heavy Division 86 Final Report. The "S" series TOE were transcribed into "T" series TOE for conversion of the 9th Infantry Division. After initial iteration, the USAAVNC assumed conversion of the 9th Infantry Division.

After initial iteration, the USAAVNC assumed the lead for all TOE associated with the ACAB and four alternatives were developed involving an additional 105 draft TOE. Provided Light Division data for Light Division final report.

Total Army Analysis (TAA-87). Refinement of the TAA-87 with updated data provided TRADOC through computer terminal.

Aircraft Survivability Equipment (ASE). ASE and Special Test Equipment were completed and forwarded to TRADOC Review Board for BOIP/QQPRI for ASE and Special Test Equipment.

Multiple Integrated Laser Engagement Systems (MILES). BOIP/QQPRI for the MILES for Air-Ground Engagement System (AGES) completed in March.

Developed, Revised or Reviewed the Following Tables of Organization and Equipment (TOE).

- TOE 1-127, Corps Aviation Company
- TOE 1-137, Army Aviation Company
- TOE 1-500, Aviation Operating Teams
- TOE 1-66, Aviation Brigade Headquarters
- TOE-1-256H, Combat Aviation Battalion
- TOE 1-252H, HHD, Combat Aviation Group
- TOE 1-117H, Command Airplane Company

TOE Proponencies Transferred from Armor to Aviation.

- General Support Aviation Battalion, Heavy Division
- General Support Aviation Battalion, Infantry Division
- HHC, General Support Aviation Battalion (GSAB)
- General Support Aviation Company (GSAC)

QQPRI: Provided USAAVNC input for 23 QQPRI actions to other centers/schools and TRADOC.

## OTHER ACCOMPLISHMENTS:

Participated in or provided input to the following:

- Saudi Arabian Land Forces Meeting
- Aviation Requirements for the Combat Structure of the Army (ARCSA) III
- Light Division Force Structuring Study
- Basis of Issue Actions
- TOE MACRIT and Projected TOE Development

# **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 analyses.

## ACCOMPLISHMENTS:

Reliability, Availability and Maintainability (RAM) Analysis. RAM analysis was provided in support of three Required Operational Capabilities (ROC) and three Letter Requirements (LR). Major action was coordination of the Maintenance Manpower and Logistics Analysis (MMLA) for the AAH COEA.

LAB Interface: Research and Development (R&D) coordination with DARCOM was extensive during 1980, consistent with a goal of involving TRADOC in the daily planning and long range projections of aviation related R&D.

TOW Missile. The TOW Improvements Program was approved by the Vice Chief of Staff of the Army in August.

Advanced Scout Helicopter (ASH). The Scout program went to Army Systems Acquisition Review Council (ASARC) and Defense Army Systems Acquisition Review Council (DSARC) and received approval of 720 near-term scouts and 363 long-term scouts.

Advanced Attack Helicopter (AAH). The AAH was in Phase II of full scale engineering development to satisfy the Army's requirement for the AAH.

## OTHER ACCOMPLISHMENTS:

Participated in or monitored materiel development actions of the following:

- Airborne Communications
- Lightweight Doppler Navigation System
- National Microwave Landing System
- Black Hawk/Utility Helicopter
- CH-47 Modernization Program
- Product Improvement Review-Airframe
- HELLFIRE
- Flotation Kit
- UH-1 Helicopter
- Multipurpose Lightweight Missile System
- JP-4 to JP-8 Conversion
- Ground Support Equipment
- Aircrew Chemical & Biological (CB) Protection
- XV-15 Vertical/Short Take Off and Landing (V/STOL) Research Aircraft
- Multiple Mine Dispensing System
- Army Helicopter Improvement Program (AHIP)
- Self-Deployment of Army Aviation
- Helicopter Skis
- OH-58 Product Improvement Program
- FLIR Augmented Cobra TOW Sight (FACTS)
- Wire Strike Protection System
- Aviation Life Support Equipment
- Mast Mounted Sight System (MMSS)
- Advanced Composite Airframe Program
- NAVSTAR Global Positioning System
- Aviator's Night Vision Imaging System
- Aircraft Survivability Equipment

Concept for Tactical Signal Intelligence/Electronic Warfare (SIGNINT/EW)  
Improved Lighting System for Army Aircraft (ILSAA)  
Nap-Of-The-Earth (NOE) Communications  
Single Channel Ground and Air Radio Subsystem (SINCGARS) V  
Product Improvements -Avionics  
Airborne Target Handoff System (ATHS)  
AN/PRC-112 Survival Radio  
Integrated Inertial Navigation System (IINS)  
Integrated Avionics Control System (IACS)  
Target Acquisition Designation System and Pilot's Night Vision Systems (TADS/PNVS)  
Night Vision Systems for Army Aircraft  
Air Defense Suppression System  
Map Display System  
Aviation Life Support Equipment (ALSE)

NOTE: Work performed by the Directorate of Combat Developments was, for the most part, classified and cannot be discussed in an unclassified document.

# 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 it 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  
 Program Management Office  
 Standardization Literature Review Office  
 Flight Standardization Division  
 Evaluation Division

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL George F. Newton	Director	Arr - Oct 1980
COL Charles S. Wingate	Director	Dep - 3 Sep 1980
CW4 Michael J. Novosel	Safety Officer	All of 1980
MAJ Kenneth D. Rhoades	ARNG Advisor	Arr - 12 Jun 1980
LTC James L. Joyner	ARNG Advisor	Dep - 30 May 1980
MAJ Peter Rogers	Australian Exchange Officer	Arr - 5 Dec 1980
MAJ Peter Ingram	Australian Exchange Officer	Dep - 31 Jan 1980
LTC William C. Childree	Executive Officer	Arr - 11 Aug 1980
MAJ Ray H Dial	Executive Officer	Dep - 10 Aug 1980
MRS. Rae W. Swindall	Chief Program Management Office	All of 1980
MR. Robert H. Roach	Administrative Officer	Arr - 2 Apr 1980
1LT J. C. Trower	Administrative Officer	Dep - 5 Feb 1980
MAJ Roger D. Trickler	Chief, Standardization Literature Review Office	Arr - 1 May 1980
MAJ Charles S. Hurt	Chief, Standardization Literature Review Office	Dep - 2 Mar 1980
LTC Joshua L. Kiser	Chief, Flight Standardization Division	Arr - 17 Jun 1980
LTC Nick Primis	Chief, Flight Standardization Division	Dep - 23 May 1980
LTC John E. Watts	Chief, Evaluation Division	Arr - 6 Aug 1980
MAJ Darwin O. Fee	Chief, Evaluation Division	Dep - 31 Jul 1980
MAJ John Malcom	Chief, Evaluation Division	Dep - 30 May 1980
LTC Victor Conner	Chief, Evaluation Division	Dep - 30 Apr 1980

#### 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.

Published five major articles in AVIATION DIGEST.

Assisted US Army Troop Support and Aviation Materiel Readiness Command (TSARCOM) in the development and fielding of a Night Vision Goggle (NVG) compatibility Modification Work Order (MWO) for the UH-1.

Assisted TSARCOM in the development and testing of an NVG compatibility MWO for the OH-58A. TSARCOM published the MWO during the 2d quarter FY 80.

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 Department of the Army, Deputy Chief of Staff for Operations and Plans (DA DCSOPS), 1-5 December 1980. Forty-three 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 programing 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) Undergraduate Pilot Training, (2) Advanced/Graduate Flight Training, and (3) Training Support to units. (The Advanced/Graduate Flight Training Account which provided 148 aviators (FY-80) C-12 ground and flight simulator training by contract with Flight Safety International, St. Louis, Missouri, was transferred to Directorate of Training and Doctrine on 1 October 1981 (FY 81)).

Processed 503 TDY travel orders and managed \$224,327.00 for TDY travel in support of the directorate's mission.

Developed DES resource requirements to support 22 program change proposals (PCP) and input to DRM for inclusion in total packages.

Furnished administrative services required during preparation for Army Aviation Policy Committee Meeting which was conducted in December.

Internal Review Division, DRM, conducted four reviews of funds control during the year, with no deficiencies noted.

Processed 8 new civilian and 35 military personnel.

During the year, 18 personnel from the directorate participated in individual training conducted by USAAVNC Civilian Personnel Office and Office of Personnel Management.

Provided uninterrupted administrative and program management services during the transition of Executive Officers in August and Directors in October.

## **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.

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

Reviewed over 390 DA Forms 2028 which recommended change to -10 and -CL.

Received, staffed, and reviewed over 370 items of training literature to include Aircrew Training Manual (ATM's), Field Manual (FM's), Army Training and Evaluation Program (ARTEP's), Program of Instruction's (POI's), and flight training supplements.

Represented the directorate at the annual EURO/NATO Aviation Training Conference in the Netherlands.

Developed revision to AR 95-1 published in November 1980.

## **FLIGHT STANDARDIZATION DIVISION**

### MISSION:

Advises the DES on matters pertaining to the United States Army Aviation Standardization Program. Evaluates the effectiveness of individual, unit, resident and non-resident flight training programs; provides assistance and recommendations to supported units/activities for improved quality control and overall training effectiveness. Recommends general policy guidance to the Director for the Aviation Standardization Program. Provides aviation standardization input for changes to DA flight publications. Assists in the development of Synthetic Flight Training Systems (SFTS). Conducts aviation standardization evaluation/assistance visits to US Army installations and commands worldwide. Provides aviation standardization input thru Standardization Literature Review Section to DTD for formulation of training documents/publications. Provides aviation standardization subject-matter expertise to DT, DTD, DCD, TSM's and other appropriate activities on Fort Rucker in preparation and review of doctrinal, organizational and material related actions.

### ORGANIZATION:

- Office of the Chief
- Plans and Operations Branch
- Utility Branch
- Aeroscout Branch
- Cargo/Fixed Wing Branch

### ACCOMPLISHMENTS:

Evaluated, in concert with TRADOC Aviation Resource Management Surveys (ARMS) visits, 11 TRADOC Installation Flight Standardization Programs.

Evaluated, in concert with FORSCOM ARMS visits, 13 FORSCOM Installation Flight Standardization Programs.

Evaluated, in concert with DARCOM ARMS visits, 9 DARCOM Installation Flight Standardization Programs.

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

Conducted five instructor pilot/standardization instructor pilot (IP/SIP) seminars for the Reserve Components (RC).

Evaluated, in concert with CONUSA's (First, Fifth, and Sixth Army) ARMS visits, 62 Reserve Component Aviation/Activity/Unit Flight Standardization Programs.

Administered 617 IP end-of-course evaluations and 468 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 are 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 the 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 USAAVNC Training Analysis and Assistance Team (ACTAAT).

#### ORGANIZATION:

Office of the Chief  
Technical Support Branch  
Internal Instructional Systems Evaluation Branch  
External Instructional Systems Evaluation Branch

#### ACCOMPLISHMENTS:

A graduate/commander questionnaire program for Initial Entry Rotary Wing (IERW) Flight Operation Specialist (71P), Air Traffic Control Tower Operator (93H), and Radar Controller (93J) courses was designed, approved, and implemented. DA Survey Control Numbers assigned are IERW, DAPC-MSP-S-79-34; 71P, DAPC-MSP-S-79-32; 93H, DAPC-MSP-S-79-38; 93J, DAPC-MSP-S-79-36. The DA MILPERCEN approved program allows USAAVNC graduates and their commanders to critique the adequacy of training received at USAAVNC after the graduates have been in a unit for approximately five months. The program has two phases: the questionnaire data collection phase for identification of suspect tasks, and the field visit phase for verification of suspect tasks and collection of hard data. Twenty-five percent of each IERW class and fifty percent of each enlisted class is sent a questionnaire. In 1980, a total of 868 questionnaires were mailed with 627 returned for a return rate of 72.2%. The tentative completion dates and final reporting dates are: IERW - 31 Mar 81; 71P - 30 Apr 81; 93H and 93J - 31 May 81.

On 21 Aug 79, General Starry directed that each TRADOC institution initiate a Branch Training Team (BTT) to establish and maintain a productive dialogue with proponent units in the field. The Aviation Center Training Analysis and Assistance Team (ACTAAT) is the USAAVNC BTT. The ACTAAT concept was staffed in a Summary Sheet dated 19 Dec 79. The concept was approved by 1 Jan - May 80 as the trial period. During the period, the ACTAAT visited aviation and air traffic control units at Ft. Campbell (24-29 Feb) and Ft. Hood (23-28 Mar). The trial period report was very successful and the report was sent to TRADOC on 15 May 80. A third trip was accomplished to US Army Europe (USAREUR). Twenty-four units were visited. During the Commanding General's briefing on trial period findings, the Deputy Commanding General indicated a need for the ACTAAT to visit the 9th ID at Ft. Lewis, WA, prior to implementation of the ACAB there. The visit was accomplished 14-20 Sep 80 with the final report completed on 9 Nov 80. The ACTAAT completed a very productive year with visits to units in Korea in Hawaii. A total of eight units were visited in these locations with a final report due in Jan 81.

Internal evaluation of six USAAVNC resident Programs of Instruction (POI) was conducted. The six were Air Traffic Control Tower Operator (93H)/Radar Controller (93J), Aviation Warrant Officer Advanced Course (AWOAC), OH-58 IPC, UH-1 IPC, UH-60 AQC, and Fixed Wing Multi-engine qualification Course (FWMEQC). The 93H/J, AWOAC, and OH-58 IPC POI's were published; the UH-1 IPC and UH-60 AQC were in written report but not published and the FWMEQC is currently completed and being staffed within the USAAVNC.

Evaluation Division reviews literature produced at USAAVNC when requested/directed. All ARTEP's written at USAAVNC or staffed for other TRADOC schools at USAAVNC are reviewed, including all ACAB ARTEP's being produced.

#### SHORTCOMINGS:

SQT Evaluation Model. In November 1980, the 67 Career Management Field (CMF) personnel assigned to Ft. Rucker were tested. To obtain a better understanding about the problems contributing to SQT failures, all testees were given a questionnaire. A report was not made since the purpose of the survey was to begin the development of a functional Pre-SQT Evaluation Model. The development of this program has been delayed for lack of a project officer.

# 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) consisted 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)

## PERSONNEL:

Overall assigned strength of the Aviation Board averaged 90 percent of the table of distribution and allowance (TDA) authorized throughout the year. However, during the months of June, July and August, critical shortages occurred in assigned officers (69 percent of TDA authorized), enlisted (78 percent of TDA authorized), and civilian (65 percent of TDA authorized). Some civilian positions remained vacant for more than a year. Personnel shortfalls during the year were made up for the most part through the assignment of warrant officers to commissioned officer positions and utilization of worker trainees and student aides. However, hiring for critical technical positions was more difficult.

As of the end of the year, TDA strengths were as follows:

Recognized: 143; Authorized: 115; Assigned: 106.

Key personnel assigned during the year were:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Colonel Robert A. Bonifacio	President	January - December
Mr. George Slagley	Technical Advisor	January - December
Sergeant Major Jack W. Lisenby	Sergeant Major	January - December
Lieutenant Colonel Edward L. Burkhalter	Executive Officer	January - February
Lieutenant Colonel Robert J. Joles		February - December
Lieutenant Colonel Robert J. Joles	Chief, Adm Spt Div	January - February
Major David M. Mabardy		February - December
Lieutenant Colonel David H. Fournier	Chief, TC&O Div	January - December
Captain John D. Bridgers	Commander, HQ Co	January - February
Captain R. W. Rinehart		February - December
First Sergeant Franklin D. Griffin	First Sergeant, HQ Co	January - December
Lieutenant Colonel Robert D. Price	Chief, Elct Sys Test Div	January - July
Major Charles E. Merkel		May - July
Lieutenant Colonel Clifford Ohlenburger		July - December
Mr. Bobby D. Tindell	Chief, Res Mgt Div	January - December
Lieutenant Colonel Hugh Rhodes	Chief, Acft Sys Test Div	January - December
Lieutenant Colonel Reginald A. Neuwien	Chief, Maj Sys Test Div	January - February
Major Jack K. Swinehart		February - December

ACCOMPLISHMENTS:

During 1980, the USAAVNBD completed 12 tests and participated in the planning, execution, and reporting phases on 31 additional programmed tests:

AN/PVS-5 NIGHT VISION GOGGLES WITH VARIABLE DENSITY FILTERS  
 TRADOC Test Resource Management System (TRMS) Number (NO): 900142;  
 Action Control Number (ACN): None Assigned  
 START: 31 August 1979; END: 14 January 1980

The purpose was to determine whether a variable density filter provided a more adequate means of achieving suitable goggle imagery for daytime familiarization training than the currently employed fixed density filter array. Test Report was submitted 30 April 1980.

UH-60A ARMED OPERATIONAL SUITABILITY EVALUATION  
 TRADOC TRMS NO: 0000209; ACN: None Assigned  
 Department of the Army (DA)-Directed Suitability Evaluation of the UH-60A  
 Advanced Attack Helicopter (AAH) Mission Profiles  
 START: 2 January 1980; END: 21 January 1980

This DA-directed evaluation assessed operational suitability of the UH-60A helicopter in the AAH role. Two UH-60A were modified to incorporate a nose-mounted camera system and appropriate weight and balance to simulate an armed UH-60A (without external stores).

An AH-1S, at mission gross weight, was flown as a baseline for comparison purposes. Six limited objectives were evaluated. Pilots were furnished by the 101st Airborne Division (Air Assault) and by the USAAVNBD. The evaluation demonstrated that the UH-60 can perform in an excellent

manner all functions common to the utility tactical transport aircraft system (UTTAS) mission. In attack helicopter mission profiles, however, the UH-60 displayed significant degradation in performance and operational effectiveness relative to maneuverability, responsiveness, detectability, visibility and safety. The test report was published 22 January 1980 and briefed to Office, Deputy Chief of Staff for Military Operations (ODCSOPS), DA and Office of the Secretary of Defense (OSD) representatives on 28 January 1980.

OH-58C FOLLOW-ON EVALUATION (FOE)

TRADOC TRMS NO: 90000147; ACN: None Assigned  
Follow-On Evaluation, OH-58C  
START: 1 August 1979; END: 15 March 1980

The FOE was a DA-directed effort to further assess the capabilities of the OH-58C observation helicopter. It was conducted at Fort Rucker, Alabama, Fort Sill, Oklahoma and Fort Campbell, Kentucky. Tactical Aircraft and Suitability Evaluation (TASVAL) use of six OH-58C aircraft enabled additional data to be collected. Results of the evaluation indicated that: the new engine provided adequate power; new instruments were adequate; the aircraft performed the TASVAL missions satisfactorily; transmission was easily overtorqued; and the pilot's vision was obstructed by canopy bracing. A final letter report was submitted 24 March 1980 and results were briefed to a TRADOC user conference 26 March 1980.

INTEGRATED AVIONICS CONTROL SYSTEM (IACS)

TRADOC TRMS NO: 0000190; ACN: 37058  
Customer Test  
START: 4 February 1980; END: 18 March 1980

The purpose was to determine the operational feasibility and assess the operational advantages of the IACS over the present avionics configuration of the UH-1 helicopter. Preliminary results indicated the IACS lessened pilot workload as compared to the standard avionics now used in the UH-1. Data generated will be used to support further development of the IACS program. Test Report was submitted 25 July 1980.

NEAR TERM SCOUT HELICOPTER (NTSH) USER EVALUATION

TRADOC TRMS NO: 00330; ACN: None Assigned  
User Evaluation  
START: 4 April 1980; END: 22 May 1980

One UH-1H and one OH-58C, each equipped with mast mounted sights (MMS), were used to perform aeroscout missions. Results showed the MMS improved mission performance over a non-MMS equipped OH-58C, both the OH-58C and UH-1H were marginally suitable in the near term scout role, and of the two, that the OH-58C was better suited for aeroscout missions. Test Report was submitted 23 June 1980.

AN/ARC-186 VERY HIGH FREQUENCY (VHF) AMPLITUDE MODULATION/FREQUENCY  
MODULATION (AM/FM) RADIO

TRADOC TRMS NO: 00228; ACN: None Assigned  
Customer Test  
START: 22 April 1980; END: 23 May 1980

The purpose was to collect data in an operational environment for use in assessing the military utility, operational effectiveness, and suitability of the AN/ARC-186 VHF AM/FM Radio set when used in Army aircraft. The AN/ARC-186 radio was compared to the AN/ARC-115 radio in this evaluation. Preliminary results indicated little difference in effectiveness between these radios. Results will be used to support a decision on type classification of the radio. Test Report was submitted 31 July 1980.

OIH-58C TAIL ROTOR/STABILITY AND CONTROL AUGMENTATION SYSTEM (SCAS)

TRADOC TRMS NO: 00222; ACN: None Assigned

Customer Test

START: 5 June 1980; END: 30 June 1980

The purpose was to evaluate the degree to which the addition of a modified tail rotor (Product Improved Tail Rotor [PITR]), with and without SCAS, would improve aeroscout mission performance of the OIH-58C aircraft. Results indicated that the PITR and PITR with SCAS reduced pilot workload on the tested maneuver. Increased aircraft responsiveness was not demonstrated. Test Report was submitted 5 May 1980.

UH-60A BLACK HAWK INFRARED SUPPRESSOR (IRS) KIT

TRADOC TRMS NO: 0-OTN-730; ACN: 10705

Operational Test II (OT II)

START: 5 May 1980; END: 4 July 1980

The purpose was to assess the operational suitability and utility of the IRS kit. Results of OT II will be used to resolve operational issues to support type classification decisions. The following emerging results were identified during the IRS kit OT II:

- a. Standoffs separating components of the IRS kit loosened and/or failed on all kits being tested. Two kits developed six loose standoffs at approximately 27 and 42 hours of operation each.
- b. The IRS kit degraded UH-60A performance but not to the extent of precluding mission completion.
- c. Four out of five of the criteria for air transportability were not met.
- d. There were no inspection criteria for the IRS kit in any UH-60A manual (i.e., -10, Checklist, Preventive Maintenance Services, 23-4).
- e. There are no handholds on the IRS modules making it hazardous for operator and maintenance personnel to climb up to the engine platform from the rear.

Test Report was submitted 24 September 1980.

UH-60A BLACK HAWK EXTENDED RANGE KIT (ERK)

TRADOC TRMS NO: 0-OTN-731; ACN: 10705

Operational Test II (OT II)

START: 26 May 1980; END: 15 July 1980

The purpose of this OT II was to assess the operational suitability and military utility of the UH-60A ERK. Results will be used to resolve operational issues to support type classification decisions. The ERK equipped UH-60A met the 840 nautical mile requirements with and without the IRS installed. The fuel dump requirement of 772 gallons in 10 minutes was met. Dump time for the entire ERK fuel load was 7 minutes 12 seconds. The following emerging results were identified during the ERK OT II:

- a. Numerous differences existed between packing list, technical manuals, and components provided with the ERK.
- b. Two hundred ninety-four improperly sized bolts were provided in the ERK.
- c. Initial installation of the ERK required 305 man-hours.
- d. The automatic transfer mode would not fill both main fuel cells equally.
- e. One maintainer-induced operational failure occurred during the ERK test.
- f. Aviation life-support equipment (ALSE) could not be properly stowed with the ERK installed.

g. ERK transfer pump circuit breakers were not accessible to the aircrew.

Test Report was submitted 9 September 1980.

AH-1S FIRE CONTROL/WEAPONS SUBSYSTEMS

TRADOC TRMS NO: OTN-302; ACN: 20934

Operational Test III (OT III)

START: 18 August 1980; END: 31 October 1980

This OT III was conducted at Hunter Army Airfield (AAF)/Fort Stewart, Georgia, to assess the operational capability of the AH-1S Fire Control/Weapons Subsystems. Results will be used to determine the capability of the subsystems to meet operational requirements. Test data will be used by the independent evaluator to recommend a position to Headquarters TRADOC for future decisions pertaining to the AH-1S system. Fielding was temporarily suspended to allow the contractor to isolate and correct problems encountered during OT III and to provide time to improve logistic supportability. Test Report was submitted 27 March 1981.

AN/ALQ-156(V) RADAR MISSILE DETECTOR (RMD)

TRADOC TRMS NO: OTN-260; ACN: 23463

Operational Test II (OT II)

START: 1 October 1980; END: 15 December 1980

The purpose was to determine the military utility of the AN/ALQ-156 RMD when used in conjunction with the M-130 Aircraft General Purpose Dispenser in countering threat infrared (IR) missile systems. The results will be used in making production decisions or further development to eliminate problems found during testing. Results and problems encountered are classified and will be published and released at a date yet to be determined. Test Report was submitted 24 March 1981.

XM-21 HANDHELD STABILIZED MONOCULAR

TRADOC TRMS NO: 000223; ACN: None Assigned

Customer Test

START: 8 September 1980; END: 15 December 1980

The purpose was to assess the military utility and operational suitability of the XM-21 handheld stabilized optic as an observer aid in the OH-58C. Results will be used for type classification and procurement decisions. Test Report was submitted 19 March 1981.

FY 80 FUNDS OBLIGATED:

Operation and Maintenance, Army (OMA)	\$ 92,190.18
Research, Development, Test, and Evaluation (RDTE)	
Operating	1,188,974.30
Testing	953,342.99
Reimbursable Orders	
Instrumentation	9,172.03
Other	765,405.40
TOTAL FY 80 Obligations	\$3,009,084.90

Four special DA-directed evaluations, the UH-60A Armed Operational Suitability, the FOE of the OH-58C, NTSH User and the Light Combat Helicopter (Fast Deployment) (LCH-[FD]) evaluations, provided the decision making community with valuable information and helped form the basis for judgments. Two UH-60 mission flexibility kits, the IRS and the ERK, completed operational testing (OT) with results published in their respective final reports. OT of the AH-1S (Modified) Cobra

has surfaced a recurring problem of systems integration, to the extent that fielding of the modernized cobra has been suspended temporarily. Unprogrammed, quick reaction evaluations are becoming commonplace. Requests for "emerging results" are more frequent.

These high visibility projects required the USAAVNBD to use substantial dedicated resources and consequently other scheduled tests sometimes were lacking in knowledgeable personnel to conduct them. Since these special projects were DA-directed, their conduct became a total USAAVNBD effort, which subtracted from normal scheduled tests. Fiscal resources in the past year were adequate. Based on table of distribution (TD) authorizations, the USAAVNBD was in excellent condition, however based on known requirements they remain short 28 spaces.

During 1980, the USAAVNBD continued to be a very valuable and versatile resource. The scope of their mission and functions continued to broaden by providing more than the traditional testing of equipment for TRADOC's combat developers. They became a sounding board for new and innovative ideas in tactics, doctrine, training and organizational developments as well as assessments of new requirements. The information they produced affected the future outlook of the Army. The USAAVNBD's LCH (FD) evaluation was an example of a requirements and organizational evaluation and may be the forerunner of things to come in light helicopter employment techniques. This emerging concept further emphasizes the need for highly versatile personnel who are able to function in high stress, rapidly changing environments.

Indicative of the professionalism of the USAAVNBD's members was the fact that during 1980, civilian members received 12 Outstanding Performance Ratings, and 2 Certificates of Achievement, and military personnel received 15 Meritorious Service Medals and one Army Commendation Medal. Equally impressive was the fact that of 15 enlisted personnel eligible for reenlistment during this period, 9 either reenlisted or extended their terms of service.

During the year, two hundred four Aviation Board personnel were on temporary duty (TDY) in support of tests which equates to approximately five personnel on TDY per week. Fourteen personnel attended professional courses. USAAVNBD briefings and orientations were presented to sixty representatives from industry, the aviation community and other US Army agencies. Major General Merryman, Commanding General, USAAVNC, presented a Certificate of Outstanding Achievement on behalf of the AAAA to the USAAVNBD President on 4 June 1980. The USAAVNBD was cited as Outstanding Aviation Unit (Special Unit Award) for its work in providing continuous contributions to Army aviation during the period 1 July 1976 to 31 December 1979.

# **TRADOC SYSTEMS MANAGERS**

## **ATTACK HELICOPTERS**

### MISSION:

The TRADOC System Manager (TSM) conducts total system management for Attack Helicopters within TRADOC. He insures that the user total system efforts are developed and fully integrated early and continuously throughout the development and deployment cycle. He discharges the user's responsibilities in the development, testing, training and in coordination with the gaining commands, fielding of the Advanced Attack Helicopter (AAH) system and the Attack Helicopter (AH-1). By charter from the TRADOC Commander, the TSM is responsible for:

All user actions as delineated in appropriate Army and TRADOC regulations and amplified in DA Pam 11-25. In particular, the TSM will insure that plans for training, personnel, logistics, testing, and new doctrine/tactics are timely and fully integrated into the materiel development programs for assigned systems.

Primary user interface with the Program Manager (PM) AAH and Project Manager (PM) Cobra.

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 design changes to the Attack Helicopters including determination of relative priorities.

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

Participating in the contractual actions of the Program/Project Manager to insure compatibility with user requirements.

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

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

Acting as chairman or co-chairman of all established Attack Helicopter joint work groups (JWG).

Insuring development of training literature, individual and collective training programs, courses, instructional media, crew and unit evaluation documents, and devices needed to support the Attack Helicopter systems in the institution/unit training environment and in the field.

Insuring development of training standardization, to include participation with US Army Development and Readiness Command (DARCOM) Program/Project Managers in Skill Performance Aids (SPAS), to insure that requirements are clearly stated for the Attack Helicopters.

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

Maintaining and coordinating schedules for test, Cost and Operational Effectiveness Analysis (COEA), Cost and Training Effectiveness Analysis (CTEA), and related special study efforts for update of the Master Milestone Schedules for the Attack Helicopters.

ORGANIZATION:

The TSM-AH Office was established at Fort Rucker, Alabama, on 5 July 1977. By charter, the TSM-AH is organized as follows:

Colonel	-	TRADOC System Manager
Lieutenant Colonel	-	Asst TSM - Training (Tng)
Major	-	Asst TSM - Personnel (Pers)
Major	-	Asst TSM - Logistics (Log)
Secretary/Steno		

The US Army Aviation Center has augmented the TSM-AH Office with an additional Major who functions as the Asst TSM - Test and Evaluation (T&E).

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Cecil L. Shrader	TSM	13 Jul 79
LTC Gerald T. Hipp	Asst TSM (Pers)	5 Jul 77/24 Jun 80
LTC John D. Robinson		15 Jul 80/28 Nov 80
(Vacant)		28 Nov 80/31 Dec 80
LTC Joseph U. Moffett	Asst TSM (Tng)	13 Jun 77/30 May 80
MAJ William P. Leach		14 Jul 80
MAJ Charles C. Crowley	Asst TSM (Log)	29 Aug 77/28 Jan 80
MAJ Troy J. Roop		13 Jul 79
MAJ Michael L. Brittingham	Asst TSM (T&E)	12 Jun 80
Mrs. Shirley M. Ray	Secretary/Steno	24 Jul 77

ACCOMPLISHMENTS:

During 1980 the main thrust of the TSM-A office has continued to be the development and testing of the AH-64 attack helicopter. There was also major research, analysis, and coordination involved with continued improvement of the AH-1 (Cobra) and the suitability of the UH-60 (Black Hawk) as an attack helicopter. The work aimed at planning and preparing for the AH-64 Operational Test (OT) II included several OT II In Progress Reviews (IPRs), selection of pilots, training of aircrews, development of the Test Support Package, and evaluation of all contractor training. A major project by the TSM-Attack office was the preparation and presentation of the AH-64 and HELLFIRE missile portions of the AH-64 Program Review to the Vice Chief of Staff Army. Numerous other peripheral AH-64 programs included several chemical biological studies, skill performance reviews with Hughes Helicopters, cockpit design review, threat scenario development for OT II, and source selection for the Target Acquisition and Designation Sight/Pilot Night Vision Sensor (TADS/PNVS). In addition to the AH-64 program, the TSM-Attack office participated in the Army's Joint Countering Attack Helicopters (J-CATCH) Test Planning Conference and the Army Aviation R&D Program Review at St Louis, MO.

## **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), 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.

KEY PERSONNEL:

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), two Majors (04), and one civilian clerk-stenographer (GS-4). Personnel presently assigned are:

TSM - LTC(P) Robert S. Fairweather, Jr., Field Artillery

Asst TSM, Doctrine, Tactics and Testing - LTC Reginald A. Neuwien, Jr., Armor

Asst TSM, Training/Personnel - MAJ Earl G. Fossum II, Air Defense Artillery

Asst TSM, Logistics - MAJ Arthur L. Pope, Armor

Clerk-Stenographer - Mrs Betty J. Garbarini

Personnel Changes - 1980:

Departures:

COL George W. Shallcross retired from active duty on 31 July 1980.

LTC Lawrence B. Moeller departed for Ft Leavenworth, KS, on 30 April 1980.

LTC Vincent P. Mancuso departed for Ft McPherson, GA, on 30 April 1980.

Arrivals:

LTC Reginald A. Neuwien was assigned February 1980.

LTC(P) Robert S. Fairweather, Jr., was assigned June 1980.

MAJ Arthur L. Pope was assigned July 1980.

ACCOMPLISHMENTS:

Participated in and reviewed the AHIP COEA and BATTLE wargames, Feb-Dec 80.

Prepared and initiated staffing of AHIP Mission Element Need Statement (MENS), Feb-Jul 80.

Prepared and initiated staffing of AHIP Near Term Scout Helicopter (NTSH) Required Operational Capability (ROC), Tentative Qualitative and Quantitative Personnel Requirements Information (TQQPRI), and Basis of Issue Plan (BOIP), Mar-Sep 80.

Sponsored OH-58C User Conference, 26-27 Mar 80, to review OH-58C Follow-On Evaluation (FOE) and finalize configuration of the 310 follow-on program.

Participated in the conduct and evaluation of the Rockwell Mast Mounted Sight (MMS) on the OH-58C, Mar-May 80.

Participated in the conduct and evaluation of the UH-1/OH-58C Operational Suitability Evaluation and Detectability Test, May-Jun 80.

Participated in the AHIP COEA Study Advisory Group (SAG) I, 15 May 80.

Prepared and presented user briefing for the AHIP ASARC Management Review, 10 Jul 80, which directed a competitive evaluation between versions of the OH-58 and OH-6 modified to meet AHIP requirements.

Participated with the PM-ASH in the preparation of the AHIP Request for Proposal (RFP) and the development of the Source Selection Evaluation Board (SSEB) evaluation plan, Aug-Nov 80.

Participated in the AHIP COEA SAG II, 30 Sep 80.

Sponsored OH-58 User Conference, 22 Oct 80, to review the status of the OH-58C program and discuss proposed fleet modifications.

Sponsored a Scout Helicopter User Conference, 8-9 Dec 80, to present an update on the AHIP/NTSH program and discuss scout helicopter operational and organizational concepts.

## **UTILITY HELICOPTERS**

### MISSION:

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

The TSM is responsible for:

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

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

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

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

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

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

Preparing the TRADOC position for 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 participation 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) or 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 of all actions pertaining to Utility Helicopters and that those actions are fully coordinated.

#### KEY PERSONNEL:

The TSM Black Hawk Office formerly located at Fort Benning, Georgia, was deactivated on 15 April 1980. The TSM Utility Helicopters Office was activated simultaneously at Fort Rucker, Alabama, with responsibilities for both the Black Hawk and UH-1 helicopters. The office was fully staffed between April and June 1980 and consists of the following:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL C. F. McGILLICUDDY, JR., Infantry	TSM	Arrived 15 April 1980
LTC RETSAE H. MILLER, Infantry	ASST TSM (PERS)	Arrived 28 May 1980
MAJ BILLY V. GENTER, Transportation	ASST TSM (TNG)	Arrived 15 April 1980
MAJ ELTON T. GORDON, JR., Transportation	ASST TSM (LOG)	Arrived 2 June 1980
MRS. PAMELA L. DRIVER	SECY/STENO	Arrived 11 May 1980

#### ACCOMPLISHMENTS:

Established TSM Utility Helicopters Office at Fort Rucker, Alabama, 15 April 1980. New charter approved 30 May 1980.

Monitored testing of Black Hawk Mission Flexibility Kits (MFK), Test Measurement and Diagnostic Equipment (TMDE) and Peculiar Ground Support Equipment (PGSE).

Participated in type classification In-Process Review (IPR) of Black Hawk MFK, TMDE and PGSE.

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

Participated in Utility Tactical Transport Aircraft System (UTTAS) COEA Update resulting from House Armed Services Committee (HASC) request for assessment of Black Hawk cost increase.

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 Black Hawk Test Integration Work Group (TIWG) meetings.

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

Participated in early stages of developing a Black Hawk II Letter of Agreement (LOA).

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

## **HELLFIRE/MLM**

### MISSION:

The TRADOC System Manager (TSM) will conduct 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 will be 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 TRADOC, will discharge 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 will insure that plans for training, personnel, logistics, testing and new doctrine and tactics are timely and fully integrated into the materiel development program.

### Additional mission responsibilities:

The TSM also serves as the primary user interface with the Project Manager (PM) for the HELLFIRE and MLM systems. The office likewise coordinates the TRADOC positions for and participates in all decision reviews, in-process reviews, and Army and Defense Systems Acquisition Review Councils (ASARC/DSARC) for the HELLFIRE/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.

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Alman I. Butler	TSM for HELLFIRE and MLM	Arrived 11 Oct 77
LTC Morris D. Anderson	Asst TSM HELLFIRE/MLM for Personnel, Tactics and Doctrine	Arrived 1 Aug 77
MAJ John Michael Stacy	Asst TSM HELLFIRE/MLM for Research, Development, Test and Evaluation	Arrived 18 Jun 79
MAJ Ben P. McFall, Jr.	Asst TSM HELLFIRE/MLM for Logistics and Training	Arrived 28 May 79
Peggy Ann T. Lewis	GS-4, Clerk Steno	Arrived 24 Jun 79

### ACCOMPLISHMENTS:

1980 was highlighted primarily by the occurrence of two significant events.

a. Laser HELLFIRE successfully completed its Operational Test conducted at Fort Hunter-Liggett, California. The test was conducted in three phases: Training Phase (Yuma Proving Ground, Arizona; Fort Ord, California and Fort Hunter Liggett, California) 7 January through 28 May 1980; a Non-Live Fire Phase (Ft Hunter-Liggett, CA) 29 May through 30 June 1980; and the Live Fire Phase (Gabilan Valley, Fort Hunter-Liggett, CA) 1 July through 11 July 1980. Test objectives were to assess the operational effectiveness of the HELLFIRE Modular Missile System (HMMS) in an operational environment to include command, control and communications (C3), hit performance, human factors, safety and logistics. Additional objectives were to assess the reliability, availability and maintainability of the HMMS and the adequacy of the proposed training program for maintenance personnel. Typical user troops were used throughout the Operational Test as pilots, co-pilot/gunners, Fire Support Team (FIST) personnel, and maintenance personnel. During the conduct of the non-live fire portion, the HMMS was employed in accordance with tactics, doctrine and employment techniques prescribed by the US Army Armor and Aviation Centers. During the live fire portion, 33 practice missiles (inert warhead) were fired. Included in this number were 2 night demonstration trials in which a total of 3 missiles were

fired. HELLFIRE's success during the test was manifested by the results of the scoring of the live firing. Twenty four (24) missiles were scored for accuracy. Of these, 23 were scored as successful hits yielding an accuracy of .958.

b. TSM HELLFIRE also assumed responsibility for the Multipurpose Lightweight Missile System. The TRADOC Charter to TSM HELLFIRE was signed by the TRADOC commander on 14 January 1980. During the year, Congressionally approved funds for the 1981 Research and Development (R&E) program were deleted by U.S. Army Materiel Development and Readiness Command (DARCOM) and placed in the DARCOM Flex-Fund for other higher priority programs. Rationale was that there was no Fiscal Year (FY)82, 83 or other outyear funding for the program. DARCOM considered it prudent not to enter into a program with only one year's funding. Despite this action, TRADOC proceeded to prepare and staff the required operational capability documents for the system and the TSM briefed the requirement to all senior Army Commanders and staff.

# STAFF JUDGE ADVOCATE

## MISSION:

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

## ORGANIZATION:

The organization consisted of the following: SJA, Deputy SJA, Administrative Law/Legal Assistance Branch, Claims Branch, Military Justice/Admin Boards Branch and Administration Section.

## KEY PERSONNEL:

<u>NAME</u>	<u>POSITION</u>	<u>TENURE</u>
LTC Robert C. Handcox	Staff Judge Advocate	Jan 80 - Jun 80
LTC James F. Price		Jul 80 - present
CPT Michael J. McElligott	Trial Defense Service	Jan 80 - Jan 80
CPT Randall E. Pretzer		Feb 80 - present
CPT Carolyn Washington	Claims Judge Advocate	Apr 80 - present
CPT John L. Plotkin	Chief, Military Justice	Jan 80 - Aug 80
CPT Andral N. Bratton	Chief, Admin Law	Apr 80 - present

## ACCOMPLISHMENTS:

The Federal District Court of the Middle District of Alabama approved the Command's proposal to include servicemembers within the jurisdiction of the Federal Magistrate Court operated for the Fort Rucker Military Reservation. This program commenced 15 February 1980 and enabled Military Police to issue traffic citations for alleged traffic offenses and misdemeanors committed by anyone on Fort Rucker. During the remainder of the year, a total of 749 cases were prosecuted before the U.S. Magistrate Court.

The Military Justice Branch tried and transcribed ten (10) general courts-martial, thirteen (13) special courts-martial, and nine (9) summary courts-martial.

The Claims Branch received 1352 household goods claims and paid 1209 claims. The total amount paid out was \$598,078.76. In the area of Third Party Recovery (Medical Care and Property claims), \$27,364.52 was collected on behalf of the Government.

The services of the Legal Assistance Branch were utilized by approximately 2500 clients. Wills were prepared for approximately 1000 of those individuals. In addition to the personal interviews and counseling, approximately 3100 legal documents (e.g., powers of attorney, bills of sale, promissory notes) were prepared for legal assistance clients.

Paralegal positions were established for the Claims Branch, Military Justice Branch, and Administrative Law Branch.

# PUBLIC AFFAIRS OFFICE

## MISSION:

Provides public information, community relations and command information support to the installation, including active duty military, retired military, civilian employees, Army Reserve and National Guard personnel, U.S. Army Recruiting Command personnel, tenant activities, military dependents, and the geographic area of responsibility.

## KEY PERSONNEL:

<u>NAME AND RANK</u>	<u>POSITION</u>	<u>FROM/TO</u>
MAJ Ronald L. Roux	Pub Aff Off	Mar 80 - Present
LTC Robert M. McDowell	Pub Aff Off	Mar 77 - Mar 80
DAC Herbert C. Strickland	Dep Pub Aff Off	Dec 71 - Present
MSG Richard L. Scena	Pub Aff Supv	Jan 80 - Present

## ACCOMPLISHMENTS:

Guest speakers for the Quarterly Meetings of the Bogardus S. Cairns Chapter of the Association of the U.S. Army were U.S. Senator Donald Stewart, Alabama, 12 February; U.S. Senator Howell T. Heflin, Alabama, 7 April; Lieutenant General John F. Forrest, Commanding General, First U.S. Army, 28 October; and Sergeant Major of the Army William A. Connelly, 5 December.

Extensive news coverage was provided for the Combined Federal Campaign, Army Emergency Relief, Operation Santa Claus (on continuing basis), Fire Prevention Week, Federal Women's Week, series on the provisions of the Consent Decree, Officers' Wives Club and NCO Wives' Club Christmas Bazaars, the Fort Rucker annual fund raising event, the 49er Party, the selection of BG Carl H. McNair, Jr. to command Fort Rucker and his promotion to Major General and the Annual Aviation Training Symposium.

Other significant stories covered throughout the year were: Major Charles Brown, first black aviator in the Army, German-American Talks, renovation of the Lake Cottages, deployment of elements of the 46th Engineer Battalion to Fort Chaffee, Tactical Training Exercise, qualification of CPT Mary J. Carr into the UH-60, qualification of CPT Patricia Fleming into the CH-47, medical care--facilities and physician shortage, Black History Week, and National Hispanic Heritage Week. In addition to these stories, Fort Rucker received national level publicity through the visits made by NBC Evening News team on the low cost of living in the area and N.W. Ayers Agency's Army advertising program which contains a strong aviation orientation. Soldier's TV Magazine also completed two segments for Army wide dissemination on the Initial Entry Rotary Wing Program and Military Assistance to Safety and Traffic (MAST).

A total of 870 printed news stories with photographs were released to more than 18 local and regional news media.

A total of 82 electronic (radio and television) releases were distributed to an average of eight civilian outlets. Additionally, 19 Department of Army, military and civilian personnel appeared on the WTVY television Morning Show.

Aircraft static displays were provided in ten civilian communities in support of personnel procurement for the Total Army Concept.

The 98th Army Band appeared in more than 20 communities in Alabama, Florida, and Mississippi in support of Army personnel procurement and visibility to support the Total Army Concept to Active Army, Reserves, National Guard and Junior and Senior ROTC programs.

Thirty-seven tours were organized and conducted by the Public Affairs Office which included grammar and high school students, high school band members, Scouts, Recruiting Command educator groups and Junior and Senior ROTC student groups. Tours included over 1,500 participants from Alabama, Florida, Georgia, Louisiana, Maryland, Minnesota, New York, North Carolina, Ohio and Tennessee.

# 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 Office of the Inspector General is organized in two branches under the Inspector General, those being the Inspections Branch and the Inspector General Action Request Branch.

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LTC Engle W. Scott	Inspector General	All of 1980
MAJ John R. Wehr	Chief, Inspections Branch	All of 1980
MAJ Dale B. McGarry	Chief, Inspector General Action Request Branch	Departed 10 March 1980
MAJ John E. Horn	Chief, Inspector General Action Request Branch	Arrived 10 March 1980
SSG Sandra M. Gann	Noncommissioned Officer in Charge	Arrived 25 August 1980
SFC Robert D. Rhodes	Noncommissioned Officer in Charge	Departed 1 September 1980

ACCOMPLISHMENTS:

During 1980, the Office of the Inspector General conducted inspections of the following units/activities:

- Headquarters, 1st Aviation Brigade and four battalions
- Twenty-three company sized inspections
- Inspection of major center directorates to include:
  - Directorate of Personnel and Community Activities
  - Directorate of Combat Developments
  - Directorate of Evaluation and Standardization
  - Directorate of Training Developments
  - Directorate of Industrial Operations
  - Directorate of Training and Doctrine
  - Directorate of Facilities Engineering
- United States Army Aviation Board
- Provost Marshal
- Finance & Accounting Office
- Post Exchange
- Commissary
- Sport Parachute Club
- Chaplain's Fund
- Veterinary Clinic Fund
- Riding Club
- Flying Club
- Office of Civilian Personnel

Additionally, the Inspector General, United States Army Training and Doctrine Command, conducted a General Inspection of the United States Army Aviation Center and Fort Rucker during the period 11-21 November 1980.

During 1980, approximately 457 Inspector General Action Requests were received and resolved by personnel of the Inspector General Office. Additionally, nine investigations and inquiries were conducted.

The Inspector General Office has provided the Commanding General with a continuing assessment of the operational and administrative effectiveness of directorates, commands and activities at Fort Rucker. The Inspector General has focused in on and identified systemic problems and has addressed those deficiencies to the appropriate level of command for corrective action. In other words, the emphasis has been shifted to identifying root causes (systemic) and not merely the symptoms of a deficiency.

# 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:

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

## KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
LeRoy Daniels	Civilian Personnel Officer	Arrival 1 June 1980
Bernie F. Sheppard	Civilian Personnel Officer	Departure 30 November 1980
Marjorie P. White	Assistant Personnel Officer/ Chief, Position & Pay Management Branch	Assignment 22 June 1980
Joe W. Winston	Chief, Recruitment & Placement Branch	Arrival 6 July 1980
Ophelia L. Milbry	Chief, Technical Services Office	Arrival 7 January 1980
Ophelia L. Milbry	Chief, Technical Services Office	Departure 20 February 1980
Sarah I. Ross	Chief, Technical Services Office	Arrival 17 August 1980

## ACCOMPLISHMENTS:

During 1980, 73 employees retired from Civil Service - 20 retired on disability, 53 were optional retirements.

The civilian strength at the beginning of the year was 2019 General Schedule (GS) and 598 Wage Grade (WG) employees for a total of 2617. There were 2244 GS and 636 WG employees at Fort Rucker at the end of 1980 for a total 2880.

Number of persons hired during FY 80 (external):

Permanent GS, 252; temporary GS, 116, for a total of 368 GS employees.

Permanent WG, 86; temporary WG, 47, for a total of 133 WG employees.

Student Aids numbered 92, Federal Junior Fellowships 5 and Summer Aids 119.

During the calendar year 1980, approximately 70 Worker Trainees were hired under Temporary appointment Pending Establishment of a Register (TAPER) authority.

The Position Review Team, including the Deputy Administrator for the Consent Decree and representatives from Force Development and Office of Civilian Personnel, reviewed each vacancy request and recommended to the Special Assistant for the Commanding General for the Consent Decree the position structure considered most practical for both mission accomplishment and accomplishment of Consent Decree goals. This was very effective in supporting Consent Decree goals. The Position Review Team activity also contributed significantly to reducing the average GS grade for Fort Rucker from 7.0837 on 1 Jan 80 to 6.6621 as of 31 Dec 80. The number of high grade positions was within the ceiling set for Fort Rucker by TRADOC.

The Local Wage Change Survey was conducted during August 1980. Local private industries were contacted by phone to obtain wage data to develop wage schedule for blue collar workers in the Dothan, Alabama Wage Area. The new wage rate schedule was received, effective 5 October 1980. The pay increase for Federal blue collar workers in the Dothan, Alabama Wage Area was 9.2%.

The Office of Civilian Personnel received delegated authority from the U.S. Office of Personnel Management for several intern positions previously filled from the Professional Administrative Career Examination (PACE) register. The positions are as follows: Housing Management Specialist, Personnel Management Specialist, Safety Management Specialist, Contract Specialist, Management Analyst, Traffic Management Specialist, Public Information Specialist, Computer Specialist, General Supply Specialist, and Budget Analyst. Eighteen selections were made in September 1980 under PACE.

The Recruitment and Placement Branch made more than 50 college recruiting trips in accordance with the Consent Decree and the Federal Equal Opportunity Recruitment Program (FEORP).

# 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. To develop an Affirmative Action Plan. Monitor Fort Rucker's assigned, attached or tenant units, if appropriate, preparation of separate annexes or/and provide necessary data and assist in the establishment of goals and objectives for the installation EEO Plan of Action. To achieve continual success of equal opportunity for all.

## PERSONNEL:

Mr. Milton P. Crenshaw served as Equal Employment Opportunity Officer for 1980.

## 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 70 (3.4%) to 242 (11%).

The black representation in the permanent Wage Grade work force increased from 87 (15.5%) to 120 (19.7%).

The black representation in the permanent General Schedule 5 and above work force increased from 27 (2%) to 71 (5%).

The black representation in the permanent Wage Grade 5 and above work force increased from 54 (11.4%) to 83 (16.8%).

Significant progress in other non-qualifiable goals, e.g., increased morale and enhanced harmony within the work force have been achieved.

A significant increase in the number of minority members working at the installation as compared to the previous years.

A full-time Federal Women's Program (FWP) Manager, Mrs. Rita M. Stockman, was hired on 4 Sept 80. The FWP Manager and committee sponsored a Secretary's Day Luncheon, 24 April 1980 and recognized significant contribution by secretaries to the USAAVNC mission.

The Hispanic Manager, Mrs. Angela Akin, assisted with National Hispanic Week, 13-17 September 1980 and recognized achievements of Hispanic people.

# CENTER CHAPLAIN

MISSION:

Provides a program of public worship, religious education, counseling, pastoral care and moral leadership training to all active duty military and their dependents and authorized civilians served by Fort Rucker.

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CH (COL) Howard Easley	Center Chaplain	Served entire year 1980
CH (COL) Thomas McMinn	Center Chaplain	Departed January 1980
CH (LTC) Edward Flynn	Catholic Pastor	Departed June 1980
CH (LTC) Edward Flippen	Pastoral Coordinator	Arrived August 1980
CH (MAJ) Patrick Adkins	Catholic Pastor	Arrived August 1980
CH (MAJ) Clyde Northrop	Family Life Chaplain	Served Entire Year 1980
CH (MAJ) George Hattle	Pastoral Coordinator	Served January-August 1980
CH (MAJ) George Hattle	Spec Asst to the Ctr Ch	Served September-December 1980
CH (MAJ) Kenneth Davis	Senior Course Instructor	Arrived January 1980
CH (MAJ) Wayne Lehrer	Third Avenue Chaplain	Arrived July 1980
CH (CPT) Steven Thomason	46th Engineer Bn Chaplain	Departed June 1980
CH (CPT) Peter Borovec	4th Bn Chaplain	Departed June 1980
CH (CPT) Thomas Killeen	46th Engineer Bn Chaplain	Arrived May 1980
CH (CPT) Jonathan Grant	1st Bn Chaplain	Served entire year 1980
CH (CPT) Bruce Rux	4th Bn Chaplain	Served entire year 1980
CH (CPT) Willard Richardson	6th Bn Chaplain	Served entire year 1980

ACCOMPLISHMENTS:

A Martin Luther King Memorial Observance Activity Day was conducted on 15 January 1980, consisting of a Fellowship Breakfast at the 1st Bn Dining Facility, Memorial Services at Headquarters Place Chapel at 1100 hours and a Gospel Extravaganza beginning at 1830 hours.

First Confessions of children were heard on 19 January 1980 at 5th Avenue Chapel.

A PYOC Winter Youth Retreat was conducted at Camp Victory, Alabama from 25 through 27 January 1980.

The New Testament Bethel Series Bible Course began on 5 February 1980, taught by Mr. Louie Reynolds, Director of Religious Education.

The Annual National Prayer Breakfast was held at the Fort Rucker Officer's Open Mess at 0630 hours on 7 February 1980. The featured speaker was Monsignor Lyons, of Andalusia, Alabama, an outstanding Christian Pastor.

A Couples Retreat was held at Camp Eufaula, Alabama on 15 February 1980.

Leonardo da Vinci's "Living Last Supper" was held on 3 April at 1830 and 2000 hours in the Chapel of the Flags and was directed by Chaplain Musgrave.

The Protestant Women of the Chapel held the 17th Annual Good Friday Prayer Breakfast play at the Fort Rucker Officer's Open Mess on 4 April 1980 for Fort Rucker and the neighboring civilian communities. The Good Friday play, "The Fish and the Honeycomb" by Mrs. Jewell Ellen Smith was presented.

The Easter Sunrise Service was conducted on 6 April 1980 at 0600 hours at Lake Tholocco. Chaplain (COL) Ira Moss of the TRADOC Chaplain's Office, was the featured speaker.

First Holy Communion was administered on 19 April 1980 at the 5th Avenue Chapel.

The annual CCD appreciation dinner was held at the NCO Club on 25 April 1980 for all teachers in the Catholic Program.

Summer CCD was held 2-6 June 1980 with 518 enrolled.

The annual Vacation Bible School was held at the R.E. Center with an enrollment of 421 on 9-19 June 1980.

A Youth Retreat was conducted at Camp Victory, Alabama from 21-26 July 1980.

Young Adult Catholic Retreat was conducted at Holy Trinity, Alabama from 15-17 August 1980.

24 August 1980 was dedicated to Sunday School Promotion Day.

A kick-off "501 IN '81" Luncheon Campaign was held on 9 September 1980.

The movie "The Hiding Place" was shown at Headquarters Place Chapel at 1900 hours on 7 & 8 September 1980.

A post-wide musical concert was presented by Donny Monk on 21 November 1980 at Headquarters Place Chapel.

The Old Testament Bethel Bible Series began on 25 September 1980, taught by Mr. Louie Reynolds, Director of Religious Education.

A Catholic Youth Retreat was conducted at Holy Trinity, Alabama from 12-14 September 1980.

A National Day of Prayer was conducted at Headquarters Place Chapel on 6 October 1980 for the hostages in Iran.

A Communications Workshop was conducted at the Family Life Center on 17 November 1980.

A Thanksgiving Day Service was held at the Chapel of the Flags on 27 November 1980.

The annual Christmas Tree Lighting Ceremony was held on 12 December 1980 at 1600 hours on the Post Parade Field.

The First Christmas Dinner Theater "Dear Caesar Augustus" was presented at the Lake Lodge on 12 December 1980 at 1830 hours.

The Annual Protestant Christmas Eve Candlelight Service was conducted on 24 December 1980 at the Chapel of the Flags.

A Christmas Day Communion Service was conducted on 25 December 1980 at Headquarters Place Chapel.

A New Year's Watchnight was conducted on 31 December 1980 at 3rd Avenue Chapel.

# SECRETARY GENERAL STAFF

## MISSION:

Secretary General Staff - Directs and controls overall operations of the Protocol and Administrative Divisions; coordinates and supervises the flow of correspondence, messages, and administrative actions within the Command Group/Staff and designates action agencies on incoming correspondence to the Center as appropriate.

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 NCO.

## ORGANIZATION:

The Secretary General Staff (SGS) is organized into three divisions:

Secretary General Staff  
Protocol Division  
Administrative Division

## KEY PERSONNEL:

The following military personnel assignments were made during 1980:

<u>Personnel</u>	<u>Position</u>	<u>Arrival/Departure Date</u>
MAJ Walter C. Ingram	Secretary General Staff	28 Jan 79 - 31 Mar 80
MAJ Dale B. McGarry		10 Mar 80 - Present
CPT Daniel T. Frank	Chief of Protocol	7 Mar 79 - 23 May 80
CPT Hollis E. Simmons		3 Apr 80 - 16 May 80
CPT Lyle Forth		22 May 80 - 19 Oct 80
CPT Daniel T. Frank		2 Oct 80 - Present
SSG Edward Jones, Jr.	SGS Administrative	3 Jan 79 - 12 Nov 80
SSG Johnny P. Jones		1 Nov 80 - Present
SSG James L. Lomax	Headquarters Commandant	16 Aug 79 - 10 May 80
SFC Wayne Closson		1 May 80 - Present

## ACCOMPLISHMENTS:

The following VIPs were extended support and assistance during calendar year 1980:

### January

7-11 - GEN DR. Tiegden - Chief of Army Aviation, German Army, Federal Republic of Germany  
10-11 - BG Riley - Commander, 7th Signal Command, Fort Richie, MD  
16-17 - Group Captain Hurrell - Medical Attache British Embassy, U.K.  
16-17 - Air Commodore Howard - Medical Corps (MC), Royal Aircraft, Inst. of Avn Medicine, U.K.

- 18 - GEN Meyer - Chief of Staff, United States Army, Wash., D.C.
- 20-22 - GEN (Ret) Johnson - Former Chief of Staff, U.S. Army, Wash., D.C.
- 21-23 - Mr. Schemmer - Editor, Armed Forces Journal
- 22-23 - MG Rolya - Commanding General, U. S. Intelligence and Security Command, Alexandria, VA
- 28-29 - MG Read - Office of Chief of Engineers, Wash., D.C.
- 31-1Feb BG Lutz - Director, Human Resources, Office, Deputy Chief of Staff for Personnel, Wash., D.C.

February

- 1 - Mr. Tucker - Director of Training/Education, Manpower, Reserve Affairs, Logistics, Wash., D.C.
- 5-6 - BG Kenyon - Deputy Director of Requirements, Office, Deputy Chief of Staff for Operations and Plans, Wash., D.C.
- 8 - BG Fleenor - Air Training Commander, Deputy Chief of Staff for Operations, Randolph Air Force Base, TX
- 13 - BG Riddlehoover - Deputy Chief of Staff for Resource Management, U.S. Army Training and Doctrine Command, Fort Monroe, VA
- 15-17 - Ambassador Carter - Ambassador-At-Large, State Department, Wash., D.C.
- 20 - BG Lilley - Director, Logistics J-4, U.S. Readiness Command, MacDill AFB, FL
- 20-21 - MG Adams - Chief American Battle Monuments Committee, Wash., D.C.
- 25 - COL (P) El Gohary - Commander of the Helicopter Division, Egyptian Armed Forces
- 27 - Secretary Alexander - Secretary of the Army, Wash., D.C.
- 29-1Mar BG Lutz - Director, Human Resources, Office, Deputy Chief of Staff for Personnel, Wash., D.C.

March

- 3-5 - MG Duquemin - Commanding General, U.S. Army Readiness Region IV, Fort Gillem, Forest Park, GA
- 3-5 - BG Gray - Commander, British Army Staff, Defense Attache, Wash., D.C.
- 8 - Congressman Dickinson - U.S. Congressman, AL
- 11-12 - MG Sinnatt - Director, Combat Development (Army), Ministry of Defense, London, England
- 12-13 - GEN John Vessey - Vice Chief of Staff of the Army, Wash., D.C.
- 14-15 - LTG (Ret) Kinnard - U.S. Army Retired
- 17-19 - MG Spence - Adjutant General, Wyoming National Guard
- 18-19 - MG Thurman - Commanding General, United States Army Recruiting Command, Fort Sheridan, IL
- 19-21 - SMA Connelly - Sergeant Major of the Army, Wash., D.C.
- 20 - Congressman Chappell - U.S. Congressman, FL
- 21 - MG Rachmeler - Commanding General, Missile Command, Redstone Arsenal, AL
- 22 - BG Tankersley - Mobilization Designee, Department of the Army, Deputy Chief of Staff for Operations, Wash., D.C.
- 26-27 - MG Cobb - Adjutant General, Alabama National Guard
- 26-27 - MG Robertson - Adjutant General, Mississippi National Guard
- 31-1Apr MG Grombacher - Commanding General, U. S. Army Communications Command, Fort Huachuca, AZ

April

- 7-8 - Senator Heflin - U. S. Senator, AL
- 15-16 - MG Blount - Chief of Staff, Training and Doctrine Command, Fort Monroe, VA
- 24-25 - MG Anson - Deputy, The Inspector General, Department of the Army, Wash., D.C.
- 29-30 - MG Long - Director, Manpower, Plans and Budget, Office, Deputy Chief of Staff for Personnel, Wash., D.C.

May

- 6-9 - MG Withall - Director, British Army Air Corps
- 7-9 - Air Commodore Allison - British Air Force
- 8-9 - LTG Wenner - Chief of the General Army Office, Federal Republic of Germany
- 8-9 - GEN Starry - Commanding General, Training and Doctrine Command, Fort Monroe, VA
- 12-13 - MG Konopnicki - Assistant Deputy Chief of Staff for Logistics, Wash., D.C.
- 13-14 - MG Healy - Commander, Army Readiness Region V, Fort Sheridan, IL
- 15 - BG Woodmansee - Assistant Deputy Chief of Staff, Combat Developments, Training and Doctrine Command, Fort Monroe, VA

- 15-18 - MG Smith - Director of Training, Office, Deputy Chief of Staff for Operations and Plans, Wash., D.C.
- 18-21 - BG Mashburn - Assistant Adjutant General, Arkansas National Guard
- 21-23 - MG Jones - Adjutant General, Arkansas National Guard
- 22 - LTG Ross - Deputy Commanding General, Forces Command, Fort McPherson, GA
- 22 - MG Fitts - Deputy Chief of Staff of Personnel, Forces Command, Fort McPherson, GA
- 22-26 - BG (Ret) Ogren - U.S. Army Retired
- 27 - MG Duquemin - Commanding General, U.S. Army Readiness Region IV, Fort Gillem, Forest Park, GA
- 28-29 - Mr. Cardinelli - Federal Aviation Administration, Southern Region Director, Atlanta, GA
- 28-30 - BG (Ret) Dunkley - U.S. Army Retired
- 28-30 - MG Donnelly - Chief, Military Training Mission, Saudi Arabia
- 29-30 - MG Ianni - Adjutant General, Delaware National Guard
- 29-30 - LTG Tuste-Johnsen - Defense Attache, Norway
- 29-31 - BG Rapmund - Commander, U.S. Army Medical Research and Development Command, Fort Detrick, Frederick, MD

### June

- 4-6 - MG Rosenblum - Deputy Chief of Staff for Training, Fort Monroe, VA
- 5-6 - LTG Otis - Deputy Chief of Staff for Operations, Wash., D.C.
- 8-10 - Dr. (GS-18) Trybul - Director Analysis, Test and Evaluation Command, Aberdeen Proving Ground, MD
- 13 - MG Nugteren - Commander, Aerospace Rescue/Recovery Service Military Airlift Command, Scott Air Force Base, IL
- 23-24 - BG Kenyon - Deputy Director of Requirements, Office, Deputy Chief of Staff for Operations and Plans, Wash., D.C.
- 25-26 - LTG (Ret) Cooksey - U.S. Army Retired
- 26-27 - MG Wagner - Commanding General, U.S. Army Armor Center, Fort Knox, KY
- 26-27 - BG Fulwyler - Director, Nuclear/Chemical Directorate, Office, Deputy Chief of Staff for Operations and Plans, Wash., D.C.
- 26-27 - BG Kenyon - Deputy Director of Requirements, Office, Deputy Chief of Staff for Operations and Plans, Wash., D.C.

### July

- 2-3 - BG Ballantyne - Deputy Commander, U.S. Army Armor Center, Fort Knox, KY
- 5-8 - MG Sawe - Commander of the Kenyan Army, Kenya, Africa
- 9 - BG Biehusen - Commander, Dwight D. Eisenhower Medical Center, Fort Gordon, GA
- 11 - MG Curry - Deputy Assistant, Secretary of Defense (Public Affairs Office), Office, Secretary of Defense, Wash., D.C.
- 21-25 - MG Cobb - Adjutant General, Alabama National Guard
- 24 - Governor James - Governor of Alabama
- 24-25 - MG Dyke - Vice Director Joint Chief of Staff, Office, Joint Chief of Staff, Wash., D.C.
- 24-26 - MG Tankersley - Mobilization Designee, Department of the Army, Deputy Chief of Staff for Operations, Wash., D.C.
- 25 - BG Lott - Commander, 31st Armor Brigade, Alabama National Guard, Tuscaloosa, AL
- 25-26 - MG Duquemin - Commander, U.S. Army Readiness Region IV, Fort Gillem, Forest Park, GA
- 31-Aug BG Bagnal - Director, Office of Personnel Management, Alexandria, VA

### August

- 5-6 - MG Browne - Project Manager, Advanced Attack Helicopter, ST. Louis, MO
- 5-6 - COL (P) Laubach - Designated Task Force Commander, Oklahoma National Guard
- 7 - MG Timmerburg - Commanding General, Criminal Investigation Command, Columbus Pike, Falls Church, VA
- 7-8 - MG Bishop - Commander, Health Services Command, Fort Sam Houston, TX
- 8 - MG Mackmull - Commanding General, 101st Airborne Division, Fort Campbell, KY
- 8 - MG Clarke - Commanding General/Commandant, U.S. Army Military Police/Chemical School/ Training Center, Fort McClellan, AL
- 12 - LTG Richardson - Deputy Commanding General, U.S. Army Training and Doctrine Command/ Commanding General, Combined Arms Center, Fort Leavenworth, KS
- 12-14 - Mr. Kniaz - Deputy for Civilian Personnel Policy, Office of the Assistant Secretary of the Army, Wash., D.C.

- 15-17 - COL (P) Hesson - Deputy Commander, Troop Support and Aviation Material Readiness Command, ST. Louis, MO
- 22 - BG Biehusen - Commander, Dwight D. Eisenhower Medical Center, Fort Gordon, GA
- 22 - BG (P) Crowell - Assistant Deputy Chief of Staff for Training, Training and Doctrine Command, Fort Monroe, VA
- 27-29 - MG Smith - Director, Training, Office, Deputy Chief of Staff for Operations and Plans, Wash., D.C.

#### September

- 2-6 - BG (Ret) Rollston - U.S. Air Force Retired
- 5 - MG Merrill - Commander, 87th Maneuver Area Command, Birmingham, AL
- 7-8 - GEN Sir Worsley - The Quartermaster General of the British Army, U.K.
- 7-8 - GEN Starry - Commanding General, Training and Doctrine Command, Fort Monroe, VA
- 9 - BG Maddox - Assistant Deputy Chief of Staff for Combat Developments, Training and Doctrine Command, Fort Monroe, VA
- 11 - MG Duquemin - Commanding General, U.S. Army Readiness Region IV, Fort Gillem, Forest Park, GA
- 15 - GEN Shoemaker - Commanding General, Forces Command, Fort McPherson, GA
- 18-19 - MG Vaught - Director of Operations/Readiness, Office, Deputy Chief of Staff for Operations, Wash., D.C.
- 20-21 - MG Tankersley - Mobilization Designee, Office, Deputy Chief of Staff for Operations, Wash., D.C.
- 20-21 - MG Skinner - Commanding General, 121st Army Reserve Command, Birmingham, AL
- 26 - MG Palastra - Commanding General, 5th Infantry Division (Mechanized), Fort Polk, LA
- 29 - MG Maddox - Assistant Deputy Chief of Staff for Combat Developments, Training and Doctrine Command, Fort Monroe, VA
- 29-30 - MG Becker - U.S. Army Retired, Board of Directors (Army Aviation Association of America)

#### October

- 2-3 - Dr. Yore - Office, Secretary of the Army, Deputy for Science and Technology, Office of the Assistant Secretary of the Army, Wash., D.C.
- 2-3 - BG Barnes - Director, Personnel Information System, United States Army Military Personnel Center, Wash., D.C.
- 4 - BG Bugg - Commanding General, Deputy Commander, 121st Army Reserve Command, Birmingham, AL
- 8 - LTG Tackaberry - Commanding General, XVIII Airborne Corps, Fort Bragg, NC
- 9-10 - LTG Ross - Deputy Commanding General, Forces Command, Fort McPherson, GA
- 19-22 - MG Ianni - Adjutant General, Delaware National Guard
- 20-22 - LTG Bjoerge-Hansen - Norwegian Defense Attache
- 21-23 - MG Koehler - Commanding General, Test and Evaluation Command, Aberdeen Proving Ground, MD
- 22-23 - MG Shabana - Commander, Egyptian Air Force
- 22-23 - Mr. Von Marbod - Deputy Director, Defense Security Assistance Agency, Wash., D.C.
- 28-29 - LTG Forrest - Commanding General, 1st Army, Fort George G. Meade, MD
- 28 - MG Cobb - Adjutant General, Alabama National Guard
- 28 - MG Skinner - Commanding General, 121st Army Reserve Command, Birmingham, AL
- 30-31 - MG Cortolezzis - Inspector of Army Aviation, Italian Army

#### November

- 2-6 - MG (Ret) Galloway - U.S. Army Retired
- 4-5 - MG Cathey - Director, Requirements, Headquarters, Tactical Air Command, Langley AFB, VA
- 6-7 - Dr. Yang - Deputy Assistant Secretary of the Army, Research and Development, Wash., D.C.
- 6 - MG Menetry - Commander, Training and Doctrine Command, Combined Arms Testing Activity, Fort Hood, TX
- 10 - MG Grange - Commanding General, U.S. Army Infantry Center, Fort Benning, GA
- 13 - MG Duquemin - Commanding General, U.S. Army Readiness Region IV, Fort Gillem, Forest Park, GA
- 13-14 - MG Robertson - Adjutant General, Mississippi National Guard
- 19 - MG Walker - Deputy Commanding General, U.S. Army Combined Arms Combat Development Activity, Fort Leavenworth, KS
- 26 - MG Moore - Commanding General, U.S. Army Missile Command, Redstone Arsenal, AL

## December

- 2 - MG Mackmull - Commanding General, 101st Airborne Division, Fort Campbell, KY
- 4-5 - MG Walker - Director, Army National Guard, Wash., D.C.
- 4-6 - SMA Connelly - Sergeant Major of the Army, Wash., D.C.
- 9-10 - MG Maloney - Office, Deputy Chief of Staff for Research and Development, Wash., D.C.
- 12 - MG Hamlet - Deputy, The Inspector General, Wash., D.C.
- 15 - Squadron Leader Tait - Royal Australian Air Force
- 15 - Ms. Cavanaugh - Director, Bureau of Publicity and Information, Montgomery, AL
- 16-17 - MG Putnam - Commanding General, U.S. Army Physical Disability Agency, Walter Reed Army Medical Center, Wash., D.C.
- 22 - Mr. Knepper - Legal Assistant to Congressman Hutto of FL

## MAJOR EVENTS

- CH-47D Program Review, 20-21 Feb 80
- Vertical Lift Technology, 5-7 Mar 80
- 4th Helicopter Interservice Working Party, 11-14 Mar 80
- Hellfire Industry Team Meeting, 20-21 Mar 80
- Canadian 10th TAG Visit, 31 Mar - 3 Apr 80
- Museum Foundation, 8-10 Apr 80
- Canadian Staff College Visit, 14-15 Apr 80
- German/US Staff Talks, 20-26 Apr 80
- Canadian Instrument Check Pilot Tour, 12-16 May 80
- Southeast Alabama Regional Planning & Development Commission, 27 May 80
- Accreditation Team, 11-15 Aug 80
- DA Aviation Policy Committee Meeting/Aviation Training Symposium, 1-5 Dec 80
- World Wide Simulator Conference, 3-4 Dec 80

## MISSION:

The official function of a liaison officer is to ensure the exchange of military information between the countries concerned to the benefit of each.

Although exchange of military information is primary official reason for the presence of these officers, they feel that there is a great deal more to it than that. In the long term, the exchange of friendships, ideas, and knowledge of one another as individuals can make a far greater contribution to peace and the security of the free world than any military equipment.

## PERSONNEL:

- Major Ronald A. Hall, Canada - 17 Jul - Present
- Colonel Claude F. Regis, France - 18 Jul 75 - 12 Sep 80
- Lieutenant Colonel Claude Lemarchand, France - 15 Sep 80 - Present
- Lieutenant Colonel Karl H. Roeper, Germany - 1 May 73 - 9 May 80
- Lieutenant Colonel Manfred Weber, Germany - 3 Apr 80 - Present
- Lieutenant Colonel Jack Enockson, US Marine Corps - 25 Jul 79 - Present
- Lieutenant Colonel Richard G. Eccles, Great Britain - 2 Nov 78 - Present

STORY:

The Liaison Office at Fort Rucker was established in 1966 with the arrival of a Canadian Officer under the Tripartite Standardization Program.

In 1957, a US Marine Corps liaison officer was assigned; in 1958 British and French officers were added; and in 1964, the first German liaison officer arrived.

# 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)

Plans Branch

Office of the Aviation School Secretary

Personnel Services Division

    Education 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:

KEY PERSONNEL

POSITION

ARRIVAL/DEPARTURE DATES

COL Joseph R. Koehler

Director, DPCA

Present all year

LTC Patrick W. Merten

Deputy Director, DPCA

Jun 80 to present

LTC William F. Reilly

Deputy Director, DPCA

Departed Jul 80

LTC Paul R. Davidson

Adjutant General

Present all year

LTC Alice J. Delgado

Chief, PSD

Departed Dec 80

LTC Joe P. Hagan

Chief, Plans Branch

Jul 80 to Nov 80

LTC (Ret) Thomas J. Sabiston

Museum Curator

Present all year

MAJ Ivan C. Camp

Assistant School

Present all year

MAJ John E. Hall

Secretary

Executive Officer,

DPCA

Jul 80 to Dec 80

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ John E. Hall	Chief, PSD	Dec 80 to present
MAJ Harry Potts	Chief, EO	Present all year
MAJ Joseph J. Rallo	Chief, ACS	Present all year
MAJ Michael Terry	Chief, Plans Branch	Nov 80 to present
MAJ Benny B. Walton	Chief, OE	Present all year
CPT Craig B. Hanford	Special Assistant to DPCA	Present all year
CPT Edward R. Hoffman	Morale Support Fund Custodian	Mar 80 to present
Mr. John S. Breads	Superintendent, Dependent Schools	Present all year
Mr. John W. Bush	Education Service Officer	Nov 80 to present
Mr. Lamar Caldwell	MSA Officer	Present all year
Mr. Archie Fondren	Chief, Admin & Mgt Branch	Departed Mar 80
Ms. Modell McBride	Chief, Admin & Mgt Branch	Aug 80 to present
Mr. Joseph C. Wissel	Installation Club Manager	Present all year
Mr. Ronald Sorrells	Chief, ADAD	Mar 80 to present
Mr. Edward Zierlein	Exchange Manager	Present all year

ACCOMPLISHMENTS:

During 1980, DPCA served as program director for organizations having a combined budget of approximately \$14 million.

During 1980, the Plans Branch of DPCA: participated as senior personnel evaluators for three (3) no-notice Emergency Deployment Readiness Exercises (EDRE).

Conducted a survey of Ft. Rucker's Florida Recreation Area in Aug 80.

Planned and supervised DPCA's participation in Exercise Proud Spirit/MOBEX 80 in Nov 80.

Prepared a study to determine the future location of the Army Aviation Museum.

Conducted a study in Nov 80 to determine the economic feasibility of utilizing commercial credit cards at the Officers' and Noncommissioned Officers' Clubs.

On 26 Sep 80, SQT training was revised on Ft. Rucker. The organizational element with the largest number of Table of Distribution and Allowances/Table of Organization and Equipment (TDA/TOE) authorization of personnel in skill levels 1 and 2 in a given Military Occupational Speciality (MOS) was assigned the responsibility for managing the training program for that MOS. In turn, that element with responsibility for the MOS will present the instruction and training for the MOS. As such, DPCA assumed the training responsibility for the following MOS:

- a. 75C
- b. 75D
- c. 75E
- d. 00E
- e. 79D

By 1 Oct 80, DPCA had put together an outstanding organized training program designed to prepare our soldiers for their SQT.

FORMAL GRADUATIONS: During 1980, 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 670 Army aviators.

(2) Warrant Officer Rotary Wing Aviator Course (WORWAC): 24 classes with a total of 766 Army aviators.

(3) EURO-NATO Aviator Training Course: Ten classes graduated with a total of 91 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 as follows:

(1) AWOAC= 165

(2) WOSC= 154

GRADUATION GUEST SPEAKER PROGRAM: The guest speakers for the formal graduation exercises included 27 Army and Air Force General Officers from both the Active Army and the Reserve Components, and one Allied Officer. The names and positions of the 1980 guest speakers are listed below:

LTG Glenn K. Otis	Deputy Chief of Staff for Operations & Plans, US Army
LTG M. Collier Ross	Deputy Commanding General US Army Forces Command
MG Richard W. Anson	Deputy The Inspector General, US Army
MG John B. Blount	Chief of Staff, US Army Training and Doctrine Command
MG Carl H. Cathey, Jr.	Director of Requirements, Tactical Air Command, US Air Force
MG Jerry R. Curry	Deputy Assistant Secretary of Defense, (Public Affairs) OSD
MG Gordon J. Duquemin	CG US Army Readiness Region IV
MG Charles W. Dyke	Vice Director, Joint Staff, Office of The Joint Chiefs of Staff
MG Michael D. Healy	CG, US Army Readiness Region V
MG Francis A. Ianni	Adjutant General, Delaware National Guard
MG John J. Koehler, Jr.	CG, US Army Test and Evaluation Command
MG Homer S. Long, Jr.	Director, Manpower, Plans, & Budget, ODCSPER, US Army
MG Jack V. Mackmull	CG, 101st Airborne Division (Air Assault)
MG Thomas L. Merrill	Commander, 87th US Army Maneuver Area Command, US Army Reserve
MG Robert L. Moore	CG, US Army Missile Command, Redstone Arsenal, Alabama
MG Cornelius Nugteren	Commander, Aerospace Rescue and Recovery Service, MAC, USAF
MG George W. Putnam, Jr.	CG, US Army Physical Disability Agency, Walter Reed Army Med Cen
MG William I. Rolya	CG, US Army Intelligence and Security Command
MG Maxwell R. Thurman	CG, US Army Recruiting Command
MG James B. Vaught	Director of Operations and Readiness, ODCSOPS, US Army
MG Emmett H. Walker	Director, Army National Guard
MG Jack A. Walker	DCG, US Army Combined Arms Combat Development Activity
BG Wilman D. Barnes	Director Personnel Information Systems, US Army MILPERCEN
BG Howard G. Crowell	Deputy Chief of Staff for Training, US Army TRADOC
BG Niles J. Fulwyler	Director, Nuclear & Chemical Weapons Directorate, ODCSOPS, DA
BG Richard D. Kenyon	Deputy Director of Requirements and Army Aviation Officer (ODCSOPS)
BG Aaron L. Lilley, Jr.	Director of Logistics, J-4, US Readiness Command
LTC Karl Roeper	(outgoing) German Army Liaison Officer to USAAVNC (since 1973)

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 achieved during 1980 were most encouraging. These include most notably:

a. Enrollment:

(1) Black enrollment increased from 33 (2.4%) to 60 (4.9%) in IERW.

(2) Female enrollment increased from 22 to 39 during 1980.

b. Success Rates:

(1) The success rate of Black students improved from 76.5% in 1979 to 89.1% in 1980.

(2) At the end of 1980, the Female success rate was 89.3%.

(3) For comparison, the success rate for White students in 1980 was 88.6%.

The Special Assistant assisted the Command in developing and implementing a program that contributed to the reduction of minority and female attrition in aviation training, and attracted more participation from these groups. One of the aspects of this program was to identify problem areas that affected attrition in these groups and then develop and implement solutions.

Reserve Officers' Training Corp (ROTC) Aviation Briefing Program: A program was developed and implemented in conjunction with ROTC, Headquarters, Training and Doctrine Command (TRADOC), to brief ROTC units throughout Continental United States (CONUS) on Aviation Career Management and Flight School. The program was designed to inform the ROTC cadets of the new aviation career field, and to attract more applicants, particularly minority and female applicants, for flight training. There were 19 1st ROTC Region schools briefed, 13 2nd ROTC Region schools briefed, and 28 3rd ROTC Region schools briefed for an approximate total of 4000 students/faculty.

Army Aviation Advertising: Aviation advertising and publicity was initiated and developed with United States Army Recruiting Command (USAREC) and locally to provide Army aviation with recruiting publicity items (RPIs), magazine ads, posters, and television commercials that depicted the roles and missions of Army aviation, its jobs and specialties, and projected its attractiveness for recruiting. An interim RPI was fielded throughout USAREC. Ads appeared in minority and high school magazines. Two TV commercials devoted to Army aviation and two commercials with Army aviation represented were produced and aired.

ROTC Flight Training Program: The proposal for this new program was developed to provide ROTC with a new recruiting initiative and an aviation orientation similar to US Military Academy, as well as giving Army aviation an institutionalized recruiting tool in ROTC. This proposal was presented to TRADOC for consideration.

On 8 Aug 80, 2LT Christine Knighton, Transportation Corp, Regular Army, graduated from Flight school and became the second black female commissioned officer aviator in the Army. This event was promoted and publicized in conjunction with the Public Affairs Office (PAO), USAAVNC, by all possible media means so as to attract more minority and female applicants.

## ***PERSONNEL SERVICES DIVISION***

### MISSION:

Provides staff supervision and formulates policies on matters pertaining to morale, welfare, wearing of the Army uniform and accouterments, check-cashing; fund-raising, salutes, honors and visits of courtesy, vending facilities for the blind on military installations, Army Exchange activities, education of military personnel and dependents, nonappropriated fund and private organization activities, collateral reports of investigation and Flying Evaluation Boards.

### ORGANIZATION:

The Personnel Services Division (PSD) is composed of the following:

- Education Branch
- Army Community Services Branch
- Fort Rucker Dependents Schools
- Fort Rucker Exchange

### ACCOMPLISHMENTS:

The Wiregrass Area Combined Federal Campaign, conducted in the fall of 1980, realized \$153,831.

The 1980 49'er Party realized \$44,843.71.

## ***EDUCATION BRANCH***

### MISSION:

The mission of the Army Continuing Education System (ACES) program was to provide educational opportunities as an integral part of the life of the military personnel through a system of coordinated career and self developmental education. This will enable 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.

### ACCOMPLISHMENTS:

There were 184 servicemembers enrolled in the Army Apprenticeship Program. Fifty servicemembers received their high school GED equivalency. Seventy-five servicemembers received associate degrees. Sixty-two servicemembers received Baccalaureate degrees. Thirty-three servicemembers successfully completed Basic Skills Education Program I (BSEP). Two hundred and ten servicemembers successfully completed Basic Skills Education Program II (BSEP).

## ***ARMY COMMUNITY SERVICE***

### MISSION:

Provides information and referral services, assistance and guidance to military personnel and their dependents in meeting personal and family problems, and child care services.

### ACCOMPLISHMENTS:

Fort Rucker Army Community Service (ACS) Agency remains one of the largest agencies of its kind in the military community. The ACS Volunteer Association is also among the largest of its kind in the military community. ACS handled over 14,000 servicing actions per month. The ACS Volunteer Association had a monthly average of 118 volunteers. These volunteers worked 25,190 hours during calendar year 1980.

The Child Support Services (CSS) Program was enhanced with the application for the receipt of a \$76,000 TRADOC (WEE CARE) grant. These monies were utilized to improve the Early Childhood Development Program at both the Nursery and Preschool. In addition, CSS has coordinated the training for 15 adults for Home Care Centers and 27 teenagers for home babysitting.

The Fort Rucker Army Community Service Volunteer Association sponsored 23 individual programs and committees.

The International Citizenship Committee assisted 10 personnel in securing their citizenship through a nine-week course.

Army Emergency Relief (AER) provided financial assistance to 556 servicemembers and their dependents this year in the amount of \$120,696.77 for loans and \$9,455.19 for grants.

The Budget Counseling and Debt Reduction Program assisted in excess of 115 families of which 56 are still actively involved. Total indebtedness exceeded \$443,000 excluding real estate.

The Army Community Service Loan Closet provided 1,861 loans of household goods to servicemembers and their families.

Two hundred and seven food packets were provided to military families in emergency situations.

One hundred and two families were assisted with used clothing from the Clothing Hangar. The Clothing Hangar was completely renovated from March through June 1980.

The two Army Community Service Guest Houses were utilized 91 percent of the available time by 398 people. The Guest Houses were undergoing complete renovation.

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

### MISSION:

Provide free, public education to the dependent children of military personnel residing on Fort Rucker.

### ACCOMPLISHMENTS:

Implemented the transfer from an appointed school board to an elected school board under the provision of AR 352-3.

Received notification from Department of Health, Education and Welfare that projects requested by the Fort Rucker Dependents Schools System in June 1978 to correct deficiencies in handicapped accessibility and life safety had been approved and were funded at approximately one half million dollars.

The GUIDELINES, the policy manual of the School Board, was revised and reprinted.

A district-wide program for gifted and talented students was implemented.

The program for students with learning disabilities was refined and expanded.

A Lunch Program Council with student and parent members was established to encourage understanding of and participation in the Lunch Program.

Students scored above national norms on achievement tests.

Sixth grade students regularly submitted articles to the Army Flier.

Curriculum Fair/Open House at both schools drew record crowds.

The Sixth Grade Glee Club presented a musical, Robin Hood, in evening and matinee performances.

## ***FORT RUCKER EXCHANGE***

### MISSION:

Provide merchandise and services of necessity and convenience to authorized patrons at uniformly low prices. Generate reasonable earnings to supplement appropriated funds for the support of Army and Air Force welfare and recreational programs.

### ACCOMPLISHMENTS:

The Fort Rucker Exchange ordered and received some \$37,697 in food equipment in 1980 to upgrade service to customers. Equipment included refrigerators, freezers, ice machines and refrigerated sandwich units. Other equipment was requested for 1981.

A project in the amount of \$76,000 was approved and funds allocated to renovate and reopen the 25th Street Gas Station. The facility, when completed, will allow increased traffic flow and reduce lines for gas. Additionally, convenience items such as bread, milk, soft drinks and beer, snack items, etc. will be offered.

The Exchange had 52 sales in 1980 - or one each week. These sales offered considerable savings on many basic items as well as on items in most categories of merchandise. The sales were well received and will continue in 1981.

A new concessionaire auto repair shop opened on 1 July 1980. AAFES renovated Building 8303 and purchased alignment equipment and multipurpose lift and installed same. A minority businessman was awarded the contract and the service was extremely well received.

Seven roving concessionaires who are awarded 10-day contracts to offer merchandise and services not available in the Exchange or not practicable as a full-time concessionaire were added. This allowed a wider selection of merchandise and service to customers. These concessionaires set up in various temporary locations for the 10-day period. Customer response was excellent.

The Exchange Manager completed the detailed projections for sales, space and troop strength to activate a Capital Expenditure Project from Headquarters, AAFES to build a new Main Store. Construction is anticipated to start during the first half of calendar year 1982.

## ***ORGANIZATIONAL EFFECTIVENESS (OE) DIVISION***

### MISSION:

Provide 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 was applicable to organizational processes and, when applied by a commander within an organization, was tailored to the unique needs of the organization and normally implemented with the assistance of an Organizational Effectiveness Staff Officer (OESO). Present instruction on the role of the OESO was in the programs of instruction presented by the US Army Aviation Center (USAAVNC). The OESO acts as a consultant in the design of the instructional system used to present OE instruction at USAAVNC.

### ORGANIZATION:

OE Division consisted of three officers and one noncommissioned officer authorized positions.

### ACCOMPLISHMENTS:

The USAAVNC OESOs presented instruction on the role and functions of the OESO to the Warrant Officer Candidate Development Course (WOCD), Warrant Officer Advanced Course (WOAC), Warrant Officer Senior Course (WOSC), and Advanced Noncommissioned Officer Education System (ANCOES) on a regularly scheduled basis.

The USAAVNC hosted a nine-member OE Center and School Field Training Exercise (FTX) team 4 September 1980 - 4 October 1980.

Seven 40-hour Leadership and Management Development Courses were conducted.

Revised the OE Service School instruction for the WOCD, WOAC, WOSC, and ANCOES Courses at the USAAVNC.

Conducted OE operations in 15 organizations. Length of the operations varied from one month to six months.

Conducted fifty-three OE training workshops from two to eight hours in length.

Developed a series of six programmed texts for use with the new Officer Efficiency Rating System (OERS).

Developed a goal planning programmed text.

Assisted in the planning and conducted process observation during the Aviation Training Symposium/Policy Committee Meeting.

Conducted training for unit commanders on interview/counseling considerations and techniques.

Major Walton was designated as a member of the Aviation Student Assistance and Retention Task Force.

## ***ADJUTANT GENERAL DIVISION***

### MISSION:

Advises and assists the Director of Personnel and Community Activities on all personnel and administrative services matters.

### ORGANIZATION:

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

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

### ACCOMPLISHMENTS:

A new soldier Arrival Center was opened 17 July 1980 in Building 5508 at the north corner of Andrews Avenue and Headquarters Road. This facility had paneling, carpeting and drapes added to make it more attractive and comfortable for incoming families and was found easily through the use of new directional signs put up on post. The Arrival Center was staffed 24 hours a day, 7 days a week, and provides newcomers basic inprocessing and billeting information. Coffee and snacks were provided to families coming in, courtesy of the Center Chaplain's Office. The Permanent Party Outprocessing Unit also operated from this facility during regular duty hours.

The Separation Transfer Point Activity was relocated on 18 January 1980 to Building 206 at the corner of Headquarters Road and Fifth Avenue. This building was completely refurbished to include carpeting and drapes to improve its attractiveness. Also, an administrative support system terminal was installed to facilitate preparation of discharge documents. This facility now exceeds all HQDA requirements for separation transfer operations.

During 1980, the AG Administrative Services Branch installed a Word Processing Center which provided typing and dictation service for the AG Division. The system consists of seven word processing terminals which operated from one central processing unit (CPU), containing the processing software, and stores recorded work.

The Retirement Services Office conducted Semiannual Preretirement Orientations in May and November 1980, and hosted a successful Retiree Open House in August 1980.

During the period 1 January - 30 September 1980, Fort Rucker achieved 112% of TRADOC First Term objective and 90% of Careerist objective. Commencing 1 October 1980, the Mid-Term category was added. During the period 1 October - 31 December, Fort Rucker achieved 110% of TRADOC's First Term objective; 88% of the Mid-Term objective and 134% of the Careerist objective.

During February 1980, the Army Field Printing Plant produced 9.4 million printed units, which is 30% more than that produced during any given month since 1973.

During 6-26 November 1980, the AG Division participated fully in MOBEX 80, Exercise "Proud Spirit". Fort Rucker was designated as one of the full-playing TRADOC installations in the exercise. Over 30 personnel in the AG Division performed exercise functions and pulled duty during a 3-shift operation each day of the exercise, including holidays, in the AG Operations Center. The two new HQDA personnel programs, the Mobilization Personnel System (MOBPERS) and SIDPERS-War-time, were tested thoroughly and results reported by Fort Rucker.

## **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:

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

### ACCOMPLISHMENTS:

Arts and Crafts Branch: Fort Rucker entered the 18th Interservice Photo Contest and became the recipient of first, second, and third place plus honorable mention awards in both installation and TRADOC levels of competition. Award winning entries went on to the Army level and Interservice level of competition. Installation of two new automotive lifts and a new automotive paint booth was completed at the Auto Crafts Center. New gas heaters were also installed to better accommodate patrons using the facility. Construction and installation of a new dust elimination system was started at the Arts and Crafts Wood Shop.

Sports and Athletic Training Branch: The Physical Fitness Center (PFC) was the host site for many big sports events during 1980. The largest and most gratifying being the 1980 Fort Rucker District Special Olympics with approximately 1400 participants.

In addition to hosting sports events, the Sports and Athletic Training Branch organized installation athletic teams. These teams were quite successful during 1980 with the women's softball team winning the District 7 Class A Softball Championship and placing 2nd in Div B of the 1980 TRADOC Softball Championship. The Post Soccer team placed 2nd in the Central Div of the Alabama Soccer League and the Men's Basketball team took runner-up honors in the Tyndall Air Force Base Invitational Thanksgiving Basketball Tournament. The installation had representatives competing in TRADOC Championships in basketball, softball, bowling, tennis, soccer and racketball.

Two major improvements accomplished during 1980 which will enhance the program were construction of the four softball field complex, built by 46th Engineer Battalion, and the renovation of the racketball courts in the PFC.

Center Library: The Library continued to expand its participation in the TRADOC Library and Information Networks (TRALINET) project. Over 4000 items were catalogued and processed through the cataloguing module. The library participated in the Centralized Procurement Test by ordering 176 titles via the portable teleprinter terminal. Interlibrary loans were increased from a yearly average of 100 to 475 requests in 1980 utilizing the Ohio College Library Center system. The library staff made 133 computer searches through the Bibliographic Reference Service which accesses over 30 data bases. 1980 marked the transition of the Center Library into the era of computer information and management.

Recreation Center Branch: The various directed programs throughout the year included: musical classes; photographic demonstrations; hobbyist's exhibits; antique bottle shows; and competitive, community, and special interest activities for a total of 940 programs. Highlights for the year included a Hawaiian Luau, outdoor band concerts, a melodrama performance by a repertory theatre group, The Alpha-Omega Players, talent shows, and authentic music and dance programs of the American Indian, Hispanic and Afro-American people. The Recreation Center Music/Theatre Program was reactivated in September of 1980, and the Fort Rucker Little Theatre was reorganized. The Information, Travel and Tour (ITT) Office offered various tours to points of interest such as Disney World, Orlando, Florida; Westville, Georgia; Montgomery, Alabama; Dinner Theatre Tours, etc., to enhance the leisure time activities of the military personnel at Fort

Rucker.

Golf Course: New carpet was laid in the ladies' room, men's room, snack bar, and foyer. New heating and air-conditioning systems were also installed. Reroofing of the entire building was completed. The men's locker room was renovated to include two shower stalls and clothing lockers for members. The old public address system was replaced by a new system, which includes four outside speakers and internal speakers throughout the building. Purchase of a new water pump for golf course irrigation was necessary due to breakdown and obsolescence of the old pump. Numerous golf tournaments were conducted this past year, including two Pro-Am's, the Club Championship, the Women's Invitational, and various other holiday tournaments. High school intramural teams and the Troy State golf team were allowed to visit to maintain positive community relations.

Bowling Lanes: At the beginning of the winter bowling season there were sixteen separate leagues bowling at Fort Rucker Lanes. These leagues consisted of the following:

Men's	2
Ladies	5
Mixed	5
Intramural	2
Junior	2

There were three major tournaments conducted. They were Greater Fort Rucker Men's Bowling Association Championships, Women's Association Championships and the Junior Bowling City Association Championships. A monthly Handicap Doubles Sweeper was initiated in December. Response to this event was very good with eighteen teams participating.

Dependent Youth Activities (DYA): The Dependent Youth Activities Youth Center had a banner year for participation. A new Youth Center Program Director was employed through Morale Support Fund to promote a new system of program for the youth. The staffing pattern for the activity was completely augmented for the first time. The 60th Company supplied a minimum of three Warrant Officer Candidates daily to assist in the chores of operation. The 64th Company also supplied personnel who were instrumental in providing leadership for the total program. Youth Council elections were held to select a group from the youth membership to serve as their leaders and provide a focal point of youth participation in self direction. Staff members received excellent input from the council in program generation. The DYA Ad Hoc Committee met regularly and provided much guidance for the staff in fund raisings and the recruitment of volunteers. The Director of DYA was selected for membership on the National Board of Directors for Dixie Softball, Inc. The DYA representatives from District 6 of Alabama in Dixie Ponytails, Dixie Belles and Dixie Debs participated in state level tournament competition in girls softball. The Fort Rucker Dixie Ponytails won the state trophy for sportsmanship for the second consecutive year. The DYA Dixie Youth Baseball program was host for a District 6 subdistrict tournament. The Dixie Pre-Majors Baseball District 6 tournament was also held at Fort Rucker. Many laudable comments were received for the excellent manner in which the DYA Sports Section performed in their conduct of the two tournaments. The tournaments served as excellent public relations for the DYA program, and were financially successful. 1980 brought about many progressive changes in the sports facilities for DYA. Through a TRADOC grant two baseball/softball fields were lighted. The lighted fields provided for late evening games, thereby drawing larger crowds of spectators. The fields doubled for football practice fields and soccer competitive games.

The 46th Engineers cooperated with the DYA staff to replace the perimeter fence on one of the competitive baseball/softball fields. The field is now designed to adequately accommodate competitive franchised tournaments. A TRADOC grant was applied for and granted to replace the perimeter fences on four additional fields.

The DYA Soccer Program experienced its best year of competition. Excellent adult volunteers were responsible for the success. The local teams participated with the Ozark YMCA teams to provide a greater variety of competition. Three of the Fort Rucker division teams participated in the Circle City (Dothan) Soccer post season tournament. They won one first place and two second place trophies. The DYA Sports Program is indebted to the surrounding civilian communities and nearby posts and bases for its success.

The DYA football teams for 8-12 year olds participated in the Dale County Youth Football League. Teams in the league come from Newton, Ozark's Lisenby and Mixson Elementary Schools, Daleville Community Center, Wicksburg, and Fort Rucker. Fort Rucker has been selected by the league to host the Super Bowl game each year. Proceeds from the game, after expenses, are divided equally among the participants. The funds are used to purchase awards for the young participants. The 1980 Super Bowl was very successful. Participants in the football program, 13-18 year olds, participate in the Junior Southeastern Conference. Teams in the conference area are: Ft Rucker, Maxwell AFB, Lyman Ward Military Academy, Ft Benning, and Gunter AFB. These teams travel throughout Alabama, Georgia, and Mississippi for competitive games. Football games would not be complete without the beauty of the cheerleaders.

The DYA Bowling Program, sanctioned by AJBC, had its most successful year in 1980. There were over 280 participants in the program. The DYA Bowlers had the largest number of participants in the State Bowling Tournament. The State Tournament was held in Birmingham. The DYA representatives were very successful in the awards received at the State Tournament.

The DYA basketball program, as in soccer, combined the girls and boys into one productive program. The youths, ages 8-12, play in a local league while the 13-14 year olds and 15-18 year olds participated in a pre-season tournament hosted by Maxwell AFB in Montgomery.

Building 108 has been renovated to provide for a more attractive atmosphere for roller skating, gymnastics, basketball, and roller speed team. The roller speed team has been very successful in its competitive meets. The Roller Skating Program enabled DYA to meet its financial goals for the third year.

Scouting activities on the post were on the upswing. There have been many improvements in the scouting facilities and the management of their programs during the past year. The number of participants was increasing. Scout buildings 3403, 3404, 3405 and upstairs of 8911 have been renovated through DFAE contracts. Singing Pines was completely renovated by the 46th Engineers.

Special Activities have included:

For several years the Fort Rucker 12 year olds' football teams have traveled to Keesler AFB, Mississippi for competition. In 1980, Keesler brought its team to Fort Rucker. An excellent experience resulted from the encounter. Fort Rucker hosted the Lyman Ward Soccer and Baseball teams.

Morale Support Fund: Morale Support Fund was transferred from Personnel Services Division to Morale Support Activities Division on 1 October 1980.

Morale Support Fund operational budget for FY 80 exceeded 1 million dollars.

\$42,200.00 was provided to install a dust elimination system at the Craft Wood Shop.

\$19,800.00 was provided to purchase and install auto lifts at the Auto Craft Shop.

\$36,900.00 was provided to construct a sports complex between Andrews and 5th Avenues.

\$70,000.00 was provided to improve and refurbish the Nursery and Pre-school facilities.

Fixed assets hand receipts were automated.

Management of the Bowling Lanes was converted from nonappropriated fund to appropriated fund.

Management of the Golf Course was approved to convert from nonappropriated to appropriated fund.

## ***ALCOHOL/DRUG ABUSE DIVISION***

### MISSION:

The Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) mission is to prevent alcohol abuse, alcoholism and abuse of and dependency on other drugs; attempt to restore to effective duty all individuals who are failing to function properly in a military environment because of problems attributable to abuse of alcohol and/or other drugs; and process for discharge or termination those who cannot be effectively restored to duty within a reasonable period of time.

### ORGANIZATION:

The Alcohol/Drug Abuse Division (ADAD) was established at Fort Rucker in September 1971 as a section of the Human Relations Division. The ADAD became a separate division under the Directorate of Personnel and Community Activities/Secretary in November 1973. The ADAD is staffed with an Alcohol/Drug Control Officer, a Civilian Program Coordinator (CPC), and Urinalysis Specialist, a Secretary-Steno, a Social Worker, a team of three civilian drug/alcohol counselors, and a 91G Behavioral Science Specialist (military counselor). The division is coordinated with the post physicians, post psychiatrist and post clinical psychologist for a more comprehensive network of available treatment for Fort Rucker personnel.

### ACCOMPLISHMENTS:

During CY 1980, the Clinical Director assigned specific counselors to each unit on post. This enhanced the coordination between ADAD and the units throughout the installation. A prevention/education effort, directed toward the early alcohol/drug abuser, was established for the purpose of preventing alcoholism and drug addiction.

ADAD's coordination with the American Federation of Government Employees (AFGE) union culminated in AFGE choosing to adopt an article within their contract in full support of the Employee Assistance Program (EAP). This has enhanced the involvement of management, union leaders and employees with EAP.

## ***U.S. ARMY AVIATION MUSEUM***

### MISSION:

To collect, restore, preserve, and display significant items in the field of aviation relating to the history of the US Army.

### ACCOMPLISHMENTS:

The Museum hosted 82,403 visitors during CY 1980. A total of 404 groups consisting of public school children, college students, high school and college ROTC cadets, military and civilian VIPs, civic clubs, and officer/warrant officer candidate and maintenance training classes, visited the Museum on conducted tours.

Historical items donated or transferred to the Museum during 1980 totaled 180, ranging from small personal items to complete aircraft. Some of the more notable items acquired were a C-45H, UC-45J, RU-8D, U-10, U-4, and AH-1J Model 309 helicopter.

The Museum conducted a special exhibit of items once owned by Reichmarschall Herman Wilhelm Goering. These items, borrowed from the Center of Military History, were on display from 11 February thru 11 June 1980.

A number of items were acquired from DPDO for use in storage of historical artifacts, restoration work, and exhibit support.

The Museum collection now consists of 53 rotary wing aircraft, 44 fixed wing aircraft and two lighter-than-air, along with hundreds of other items of Army aviation memorabilia valued at approximately \$61 million.

## ***EQUAL OPPORTUNITY DIVISION***

### MISSION:

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

### ACCOMPLISHMENTS:

The Equal Opportunity (EO) Division conducted four two-week installation Equal Opportunity Workshops. Ninety-six personnel were trained in the workshops to become unit/activity discussion leaders or EO program managers. Personnel attending workshops were not solely from Fort Rucker.

Supplement 1 to AR 600-21 was revised and distributed in September 1980.

Assistance visits were conducted to the Installation's units/directorates/activities to determine compliance with the Installation's AAP.

The Installation's Affirmative Actions Plan (AAP) was published and distributed to the post activities in March 1980. The AAP was a product of 11 months work on behalf of the EO Division.

The EO Division provided assistance and major input in planning and conducting the various ethnic week activities during CY 80:

Black Heritage Week, 10-16 February 1980.

Asian/Pacific American Week, 7-14 May 1980.

Hispanic Week, 14-19 September 1980.

Native American Day, 26 September 1980.

EO Staff Members attended National Minority Conventions: NAACP Convention (30 June - 5 July 1980) in Miami, FL; and GI Forum (4 -11 August 1980), Anaheim, California.

The Equal Opportunity Division conducted 294 hours of personnel counseling and 38 hours of EO education/instruction classes. There were 50 hours of EO training presented to new arrivals in the 6th Bn. Assistance visits to units/directorates/activities required 96 hours of work.

Human Relations Program for contract instructor pilots was implemented into the FY80-FY81 contract. The Equal Opportunity Division prepared the Human Relations Program specifications and is required to monitor the contractor's accomplishments in this area.

The Equal Opportunity Division performed 36 installation facility checks and 4 follow-up facility checks on off-post establishments.

Change 1 to USAAVNC Pam 600-5 (Affirmative Actions Plan) was distributed November 1980. The change affected reporting criteria of various feeder information reports provided by installation activities in preparation of the semi-narrative report forwarded to TRADOC.

The EO Division conducted three Unit Discussion Leader Workshops, whereby 30-40 Unit Discussion Leaders (UDL) per workshop were briefed on new ideas for EO training and allowed to ventilate problems that needed a recommended solution.

There were six formal complaints submitted. Two of these complaints were founded and four were unfounded.

Approximately 60 personnel visited the EO Division and ventilated their perceptions of unfairness or problems they were having.

The first Affirmative Actions Panel Meeting was conducted in November 1980 resulting in a proposed change to the Installation AAP (USAAVNC Pam 600-5).

## ***INSTALLATION CLUB SYSTEM***

### MISSION:

To advise the Command Group on matters pertaining to Club activities. Coordinates and implements Club procedures and policies for social entertainment programs for members of the Club System. Provides daily operational management for the Officers' Club, Noncommissioned Officers' Club, and Package Beverage Branch activities.

### ORGANIZATION:

The Fort Rucker Installation Club System is composed of the following branches:

- Administrative Support Branch (Nonrevenue producing)
- Package Beverage Branch (Revenue producing - nonmembership)
- Officers' Club Branch (Revenue producing - membership)
- Noncommissioned Officers' Club Branch (Revenue producing - membership)

### ACCOMPLISHMENTS:

The Fort Rucker Club System recorded an all time high of \$4.7 million in food and beverage sales for the FY 80. The net income generated by the Officers' and NCO Clubs for FY 80 totaled \$297,277 -- an increase of \$77,734 over FY 79.

The Installation Club System was recognized by TRADOC as having an over-all service/customer oriented atmosphere. It continued to rank in the top of all TRADOC installations.

# 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	Entire Year 1980
Mr. Perry S. Grantham	Deputy Director of Industrial Operations	Entire Year 1980
MSG William E. Joiner	NCOIC, DIO	Entire Year 1980

## ***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.

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Richard O. Parham	Chief, Procurement Division	Entire Year 1980
Mr. Billy Newton	Deputy Chief, Procurement Division	Entire Year 1980
Mrs. Nelda Livesay	Chief, Administrative Support Branch	Entire Year 1980
Mr. Perry Doyal	Chief, Contracts Branch	7 Dec 1980
Mrs. Betty Stinson	Chief, Purchases Branch	Entire Year 1980

ACCOMPLISHMENTS:

Training: Mandatory procurement training continued to receive emphasis with an overall 92.78 completion rate for all careerists and non-careerists. A total of 9 mandatory courses were completed. Individual development plans were continued and a total of 30 technical and professional courses were completed. Intern training continued to receive emphasis.

Contract Planning Program (CPP): The CPP continued to be emphasized and improvements continued to be made. This comprehensive plan included all known recurring service, construction, supply, education and purchase requirements. The construction "shelf project" programs which involved submission and processing of requirements awaiting administrative approvals and the Subject to Availability of Funds (SAF) program were again effectively used. DFAE project priority lists were utilized to coordinate and plan workloads.

Automated System: A word processing system (Q-1) was procured and installed. The system was programmed to improve management capability by providing timely and accurate data for review. More expedient processing of procurement documents resulted. Improved procurement support was realized through utilization of this system.

Purchase and Contract Workload: There was no significant difference in contract workload from FY 79 to FY 80.

The number of small purchase actions for FY 80 decreased by 17%. The decrease was due primarily to the opening of a Contractor Operated Parts Store (COPARS) which procured most repair parts and accessories used for the repair of commercial design vehicles and equipment.

Procurement Regulation: The procurement instructions for requiring activities were revised to incorporate changes implemented during FY 80. Instructions identified responsibilities, administrative policies and operating guidance governing the functions of requiring activities receiving procurement support.

A Standing Operating Procedure (SOP) for acquisition was developed. The SOP identified responsibilities, procurement policies and operating guidance for procurement personnel.

USAAVNC Pam 715-2, Handling of Unsolicited Proposals, was developed. Instructions identified procedures and responsibilities for receiving and processing unsolicited proposals.

Contract Administration: A Contracting Officer's Representative (COR) videotaped training program was implemented to insure that trained, knowledgeable personnel represent the Government in contract administration. This training program benefitted all personnel associated with contract administration functions. In addition, a system was established to increase communications between the contractors and contracting officer.

#### 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	April 1980
Mr. James Brackin	Deputy Chief, Supply and Services Division	Entire Year 1980
Mr. Leonard M. Emmick	Chief, Property Control Branch	March 1980
Mr. Warner Brunson	Chief, Reserve Components Branch	Entire Year 1980
MAJ Marion D. Bennett	Chief, Services Branch	April 1979      March 1980
LT Paul Ann Perro	Chief, Services Branch	March 1980
Mr. Melville Allen	Chief, POL Management Branch	Entire Year 1980
Mrs. Lois Eldredge	Chief, CIF Branch	Entire Year 1980
SFC Leonard L. Guy	NCOIC, Supply and Services Division	July 1979      August 1980
SFC Harold Shonk	NCOIC, Supply and Services Division	August 1980

#### ACCOMPLISHMENTS:

The GSA Furniture moratorium imposed by Office Management and Budget (OMB) caused serious impact on reorganizations, activations, and establishment of several offices at Fort Rucker during 1980. Through intensive management of assets, the Supply and Services Division provided office furniture valued at approximately \$60,000 to meet these special requirements by intra-installation transfers of furniture and refurbishing of assets withdrawn from property disposal activities. These actions had significant impact on the fulfillment of the above mission oriented projects.

## ***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

## **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 material in satellited activities to include USAR, ROTC, and active Army units in southern Mississippi, south Alabama, and north-west 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 James O. Poulnot	Chief, Maintenance Division	11 Jul 77	1 Aug 80 (Ret)
MAJ Thomas J. Smith	Chief, Maintenance Division	1 Aug 80	
Mr. David Benton	Chief, PP and C Branch	30 Mar 69	22 Nov 80
Mr. David Benton	Chief, Shop Operations Branch	23 Nov 80	
Mr. James Brooks	Chief, Quality Assurance Branch	10 Oct 66	29 Aug 80
Mr. Glennon Weiss	Chief, Quality Assurance Branch	28 Sep 80	
SFC Frances E. Burns	NCOIC, Maintenance Division	Entire Year 1980	

### ACCOMPLISHMENTS:

The division increased the number of maintenance contracts that it administered in FY 80 to 529 as compared to 510 in FY 79. Most of the contracts were in support of office and electronic equipment.

A Maintenance Assistance and Instruction Team (MAIT) was established by authorizing two civilian spaces. One of the spaces was an Equipment Specialist (General) career intern GS-5 position. The other space was an Equipment Specialist (General) GS-9.

An additional portable Communication Landing Center, TSW-7, was received at Fort Rucker with maintenance responsibility assigned to the Flight Simulator Maintenance Section.

Four new engine procedure trainers, 2C35 (UH-1) were received at Fort Rucker with maintenance responsibility assigned to the Flight Simulator Maintenance Section.

Four personnel were sent to the US Army Tank Automotive Command in Warren, Michigan to receive special maintenance training for the new M-915 series vehicles that have been added to the Army inventory.

Maintenance Training Support Section was relocated from buildings 6304 and 6305 to building 6011 in order to make space available to house "C" Troop, 1st Squadron, 6th Cavalry Regiment.

The Clothing Alteration Section was moved from building 1001 to building 5710.

## TRANSPORTATION DIVISION

### MISSION:

Provides Transportation support for the movement of personnel, personal property and freight. Operates the Central Receiving Point. Provides and maintains 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:

Movements Branch  
Transport Branch

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Charles O. Porter	Chief, Transportation Division	Entire Year 1980
CPT Gordon H. Bennett	Chief, Transport Branch	Entire Year 1980
Mr. Billy O. Rhodes	Chief, Movements Branch	Entire Year 1980
SFC Bobby R. Aplin	NCOIC, Transportation Division	Entire Year 1980

### ACCOMPLISHMENTS:

Movements Branch: Increased activity was experienced throughout the Movements Branch during 1980. Passenger travel was up 2%; passports issued increased 27%; personal property shipments increased 15%; personal property inspections increased 47%; freight shipments increased 22%; and tonnage received in the Central Receiving Point increased 13%.

Scheduled Airline Ticket Office (SATO) was opened on 14 July 1980 in the Recreation Center, Building 9204. This new SATO office provides additional and convenient service to the Fort Rucker populace. It was staffed by two personnel with computer terminals and a ticket printer provided by Delta Airlines. The SATO Office was in addition to the office located in Building 617, Transportation Division and the office located in the Fort Rucker National Bank. The Recreation Center was serviced by the Installation's Shuttle Bus service and was located within the Center adjacent to the Morale Support Activities Information, Tour and Travel (ITT) Office.

Transport Branch: The Maintenance Section of the Transport Branch entered the computer age with the installation of a computer engine analyzer. Training of personnel commenced and it was hoped that this piece of equipment would assist in lowering the cost per mile for operation of the administrative vehicle fleet. The cost per mile increased 38% over the FY79 rate due to inflation, age of the fleet and the increased cost of fuel.

## AIRCRAFT LOGISTICS MANAGEMENT DIVISION

### MISSION:

Monitors aircraft maintenance contractors operations to ensure that the number of aircraft in the proper configuration are available on a daily basis to meet the training needs of USAAVNC and Tenant Activities. Determines the incentive fees earned by the contractor through surveillance of the contractors daily performance, records and inspections for quality and quantity of aircraft repair. Through the DIO, advises 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>	
MAJ Terry J. Coker	Chief, ALMD	May 79	4 Dec 80
LTC Edward L. Goff	Chief, ALMD	4 Dec 80	
SFC Stafford Goldsmith	NCOIC, ALMD	Mar 79	
CPT Louis A. Bonham	Chief, PSB	12 Nov 80	
MAJ Nicholas Miller	Chief, PSB	Jan 79	Jun 80
MAJ Terry J. Coker	Chief, MSB	4 Dec 80	
DAC Richard W. Welch	Chief, SSB	Entire Year 1980	

### ACCOMPLISHMENTS:

Expanded receiving function capability by procuring and installing 12 each additional work tables to increase number of processing lines.

Developed a separate 780 equipment holding area by acquiring additional warehouse space and storage racks for consolidation of equipment in support of 600 plus aircraft. The new storage racks enabled the contractor to provide adequate storage area for 780 equipment received with additional aircraft.

Received 17 additional electrical four wheel utility carts for utilization in the supply and maintenance functions at three airfields. Use of the carts in this environment has proven highly satisfactory.

Change 6 to AR 710-2 revised the 3-year retention level of stock to 2 years. The aircraft maintenance contractor was tasked with identifying the excess and returning them to the government.

In order to maintain an adequate stock of supplies in support maintenance in view of the increase of flying hours and aircraft at Fort Rucker, ALMD requested that the contractor factor the percentage increase into the demand level of each item authorized. This factor was re-established on a quarterly basis to preclude excesses from developing and to insure that sufficient items were placed on order. This action proved to be highly successful.

The modification of all assigned UH-1H helicopters with the more reliable AH-1 Hydraulic Pressure Switch has increased service life and will reduce the number of precautionary landings. This modification has the potential to save the Army over \$800,000 in the next 5 years.

Twenty-three AH-1 aircraft had the crosstubes filled with flexane (a rubber-like substance) to improve the reliability and integrity as an added safety measure against hard landings.

Monitored modifications and testing for the Oil Debris and Filtration Program for UH-1/AH-1 aircraft. Tests were being conducted in conjunction with the US Army Air Mobility Research and Development Laboratory, Ft. Eustis, Virginia, for the purpose of determining whether better filtration of lubricants could extend service life of engine, transmission and gear box oil wetted components. Thirty-six (36) aircraft were modified for this test program.

The Aircraft Logistics Management Division coordinated the transfer of 166 aircraft to and from Fort Rucker during the calendar year. These transfers included aircraft reassignments to depots and other installations. They also included aircraft gains from depots and other installations. Primarily as a result of these transfers, the following changes in the US Army Aviation Center inventory occurred during 1980.

<u>AIRCRAFT</u>	<u>ON HAND AS OF 29 DEC 79</u>	<u>ON HAND AS OF 31 DEC 80</u>	<u>CHANGE</u>
U-21	4	4	0
OV-1	5	6	+1
T-42	11	10	-1
CH-47	11	11	0
UH-1M	5	5	0
UH-1H	248	315	+67
OH-58	36	22	-14
TH-55	143	143	0
AH-1G	1	0	-1
UH-60	6	8	+2
TH-1G	15	18	+2
AH-1S	8	13	+5
	<hr/>	<hr/>	<hr/>
	493	555	+93

# 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
- Engineering Plans and Services Division
- Environmental Protection Office
- Engineering Resources Management Division
- Supply-Storage Division
- Buildings and Grounds Division
- Fire Prevention and Protection Division
- Utilities Division
- Housing Division

## KEY PERSONNEL:

LTC Daniel G. Barney  
Mr. Frank O. White  
Major Johnny S. Halburnt  
Major Charles D. Gray

## POSITION

Director  
Deputy Director  
Operations Officer  
Operations Officer

## ARRIVAL/DEPARTURE DATES

All of 1980  
All of 1980  
Departed July 1980  
Arrived 7 August 1980

## **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	All of 1980

## ***ENGINEERING PLANS AND SERVICES DIVISION***

### MISSION:

The mission of Engineering Plans and Services Division is to provide professional engineer services to the installation including design, writing of 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	All of 1980
Mr. Mike McLaney	Engineer Services Branch Chief	All of 1980
Mr. Larry Herbst	Master Planner	All of 1980
Captain Maxwell Johnson	Construction Branch Chief	All of 1980
Ms. Elizabeth Wilkinson	Coordinator of Activities for the Division	All of 1980

### ACCOMPLISHMENTS:

The following major construction projects were underway in 1980.

<u>PROJECT DESCRIPTION</u>	<u>CONSTRUCTION COST</u>	<u>ESTIMATED COMPLETION DATE</u>
Energy Monitoring Control System	\$ 1,088,000	February 1981
Aeromedical Research Facility	7,118,000	January 1981
Upgrade Stagefields	2,960,000	January 1982
Electrical Equipment Maintenance Facility	527,000	January 1981
Barracks Renovation	532,000	December 1981
Control Tower, Troy Airport	150,000	February 1981
Vivarium Expansion	450,000	August 1981
TOTAL	<u>\$12,825,000</u>	

During the period 1 January through 31 December 1980, 80 minor construction and maintenance/repair contracts, costing \$4,354,000 were completed. These are further enumerated as follows:

<u>TYPE</u>	<u>NUMBER</u>	<u>COST</u>
OMA	60	\$3,282,000
USAR	10	269,000
Class II	5	190,000
Family Housing	5	613,000
	80	<u>\$4,354,000</u>

Construction was a major activity at Fort Rucker in 1980. There was a total of \$12,825,000 in MCA construction underway in 1980, and 80 OMA and minor construction projects completed at a cost of \$4,354,000 for a grand total of \$17,179,000.

## ***ENVIRONMENTAL PROTECTION OFFICE***

### MISSION:

To promote the enhancement and protection of the quality of the human environment without impairment to the Army's mission.

### KEY PERSONNEL:

### POSITION

### ARRIVAL/DEPARTURE DATES

Mr. Henry L. Dowling	Chief, Environmental Office	All of 1980
Mr. Joe V. Wilkins	Environmental Specialist	All of 1980
Mr. Eugene P. Malkoff	Environmental Specialist	Arrived 21 September 80

### ACCOMPLISHMENTS:

The Draft Environmental Statement for Fort Rucker's On Going Mission was sent to HQ DA for submittal to the US Environmental Protection Agency and public input.

All previously stored transformers were sampled and analyzed for polychlorinated biphenyls (PCB). Plans for proper disposal were initiated. All transformers and capacitors in use that contain PCB were properly labeled. Disposal of soil and clean-up materials contaminated with PCB was accomplished. The storage location list in the USAAVNC Oil/Hazardous Substance Spill Plan was supplemented with PCB transformer locations.

The initial post-wide inventory of hazardous/toxic waste sources was completed and the application for the Resource Conservation and Recovery Act Hazardous Waste Permit was submitted.

Construction and program development for ground water monitoring wells were initiated in cooperation with the US Army Environmental Hygiene Agency.

Two of eleven construction projects were completed for vehicle washrack pollution controls at USAR Centers.

### SHORTCOMINGS:

The Fort Rucker National Pollution Discharge Elimination System (NPDE) 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 80.

There was a need for effective education of personnel at user units on the operation of washracks and their oil interceptors.

The construction projects for two pesticide storage sheds and mixing areas were reprogrammed for FY 81.

## ***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	All of 1980
Ms. Freddie W. Ethridge	Ch, Budget Accounting and Statistics Branch	All of 1980
Ms. Bettye W. Pechtel	Ch, Work Reception and Scheduling Branch	All of 1980
Mr. James B. Starling	Ch, Estimating and Facility Inspection Branch	All of 1980
Mr. James C. Rhoades	Ch, Management Engineering and Systems Branch	All of 1980

### ACCOMPLISHMENTS:

Contract to accomplish "break-and-fix" type repairs in the family housing area was implemented 25 Aug 80. In-house personnel who previously accomplished these tasks were assigned to performing maintenance and repair tasks on the installation.

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 Facilities (MRPF) Floor was \$4,686,700; whereas actual accomplishment amounted to \$7,070,600. The assigned Backlog of Maintenance and Repair (BMAR) Floor was \$179,600; whereas, actual accomplishment amounted to \$1,343,400.

The average shop-day backlog of individual job orders for the in-house workforce was reduced from 92 at the end of 1979 to 73 at the end of 1980.

## SUPPLY AND STORAGE DIVISION

### MISSION:

Plans, programs, and accomplishes the Facilities Engineering Supply and Storage functions including the facilities engineering portion of the stock fund. Coordinates the execution of these functions with the Engineer Resources Management Division and other divisions. Applies stock control policy and accounting procedures. Establishes facilities engineering supply plans, policies, and standing operating procedures. Maintains documentary control of facilities engineering supply items and equipment. Processes documents covering incoming and outgoing items. Prepares, reviews, and edits requisitions and tally-out forms. Initiates action for local purchase and accomplishes them when approved by the Purchasing and Contracting Officer. Initiates action to maintain authorized stockage levels. Performs other services incident to requisition, receipt, storage, issue, and disposal of supplies and equipment. Maintains list of supplies authorized for issue to participants in the Self-Help Program. Verifies the engineer equipment portion of the installation Tables of Distribution and Allowances (TDA) and maintains the property book for the accounting of this equipment. Coordinates TDA additions and deletions with the equipment TDA Coordinator and the operating divisions. Conducts the facilities engineering storage and warehousing operations. Receives, checks, stores, and issues supplies and equipment (commercial and military). Inspects and classifies items. Selects, tallies, and loads supplies and equipment for shipment. Assists with inventories. Issues supplies to participants in the Self-Help Program.

### ORGANIZATION:

The Supply and Storage Division is composed of:

Property Control Activity  
Storage Activity

### KEY PERSONNEL:

<u>KEY PERSONNEL:</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. William P. Treadaway	Division Chief	All of 1980
Mr. Luther E. Reynolds	Property Book Officer	Arrived March 1980

### ACCOMPLISHMENTS:

Purchases through the stock fund system totaled \$1,905,623.51. Sales for the year were \$1,877,617.08. Seventeen hundred and forty line items were added to the authorized stockage list (ASL). On-hand balances were maintained at 97%. The Facilities Engineering Supply System (FESS) implementation pamphlet was received.

The following Data Collection Worksheets were prepared:

- Assigned NSN/MCN to all items (stock and fringe).
- Completed a Stock File Data Collection Worksheet for every item.
- Completed a Catalog File Data Collection Worksheet for every item.
- Assigned a source of supply number for every vendor and government source.
- Established location number for each stocked item.

## ***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. Provide Entomology services.

### ORGANIZATION:

Buildings and Grounds Division is composed of three branches:

Land Management Branch  
Roads and Railroads Branch  
Buildings and Structures Branch

### KEY PERSONNEL:

<u>KEY PERSONNEL:</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. T. K. Brantley	Division Chief	All of 1980
Mr. Robert H. Bridges, Jr.	Ch, Land Management Branch	All of 1980
Mr. Millard A. Powell	Ch, Roads and Railroads Branch	All of 1980
Mr. Gaston J. Hornsby, Jr.	Ch, Buildings and Structures Branch	Departed June 1980

### ACCOMPLISHMENTS:

Three major drainage and erosion problem areas on Farrel Road were corrected (one by the 46th Engineer Bn, two by Buildings and Grounds personnel). Corrective action on another major erosion problem at the outfall of a storm drainage system between Gregg Way and the Post Commissary was initiated by Buildings and Grounds personnel and then given to the 46th Engineer Bn to complete. Project will be completed in 1981.

Six sub-standard family quarters located on the east side of Lake Tholocco were renovated by the 46th Engineer Bn and are now used as Visiting Enlisted Quarters/Visiting Officers' Quarters.

A four and one-half acre lake constructed by the 46th Engineer Bn was stocked with bream and bass. Beaver Lake was drained and the edible fish given to the 46th Engineer Bn. Remaining fish were killed and later the lake was restocked with catfish. Bass will be introduced in 1981.

The Forestry Section conducted a test of the herbicide VELPAR. VELPAR was tested for its effectiveness in controlling hardwoods growing in pine stands. Tests results were promising and plans are currently being developed to treat approximately 500 acres. The Forestry also initiated a continuous forest inventory survey system which is expected to be complete 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. Determines and justifies fund and personnel requirements for budget estimates.

## ORGANIZATION:

The Fire Prevention and Protection Division is composed of three activities as follows:

Fire Prevention  
Basefield Support  
Stagefield Support

## KEY PERSONNEL:

<u>KEY PERSONNEL:</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Jerry B. Grammont	Fire Chief	All of 1980
Mr. Richard G. Day	Assistant Chief	All of 1980
Mr. Norman D. Walden	Assistant Chief	All of 1980
Mr. James R. Bush	Assistant Chief	All of 1980
Mr. Marion M. Spivey	Senior Station Chief	All of 1980
Mr. Gerald M. Bottoms	Senior Station Chief	All of 1980

## ACCOMPLISHMENTS:

The Fort Rucker Fire Department conducted 6,458 on-post fire inspections (inspected 536 sprinkler and alarm systems and serviced 8,050 fire extinguishers) during 1980. The Fire Department responded to nine mutual aid responses at the request of Enterprise, Daleville, and Level Plains. This was an increase of five from 1979.

During 1980, there were 5,032 personnel who attended 76 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 Clean-Up Week in March and National Fire Prevention Week in October.

Sixty-seven fires occurred during 1980, eight of these were classified as reportable. Army dollar loss amounted to \$25,609 (a \$5,868 decrease from last year). Eight fires (four structural, one bulldozer, two cars, and one house trailer) were reported to higher headquarters.

Five fire stations converted from a 40-hour workweek to a 54-hour workweek, resulting in over-time savings and additional flight time.

During 1980, the Fire Department received a new commercial 1,000 gallon per minute pumper.

Thirty-nine new personnel were hired in 1980 including 36 minorities.

## UTILITIES DIVISION

### MISSION:

Responsible for 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

### KEY PERSONNEL:

### POSITION

### ARRIVAL/DEPARTURE DATES

Mr. Joseph B. Hayes	Division Chief	All of 1980
Vacant	Mechanical Branch Supervisor	
Mr. Willie G. McKnight	Electrical Branch Supervisor	All of 1980
Mr. John P. Ard	Sanitation Branch Supervisor	All of 1980
Ms. Imogene S. Driggers	Utilities Sales Officer	All of 1980
Major Larry Fiegel	Energy Conservation Officer	Departed April 1980
Major John E. Murphy	Energy Conservation Officer	Arrived April 1980

### ACCOMPLISHMENTS:

The computerized Energy Monitoring and Control System contract was awarded and construction started during FY 79. The hardware for this system was installed during FY 80 and software will be completed during FY 81. This system cost 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 being developed at the close of CY 80 as a result of this study, and the EMCS will be the first to be implemented.

## 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 furnishing property books for family housing, bachelor housing, and troop barracks.

### ORGANIZATION:

The Housing Division is responsible for all installation housing functions under the Directorate of Facilities Engineering (DFAE).

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	All of 1980
Miss Patricia A. Sales	Ch, Family Housing Branch	Arrived February 1980
Major James H. Wheeler	Ch, Billeting Branch	Arrived October 1980
Mr. James R. Smith	Ch, Furnishings Mgt Branch	All of 1980
Mr. Chester Lafferty	Ch, Billeting Branch	Departed September 1980
Major Shaun R. Casey	Ch, Billeting Branch	Departed December 1980

## ***FAMILY HOUSING BRANCH***

### MISSION:

Determines current and long-range family housing requirements and develops programs for construction, operations, and maintenance to include services, utilities, maintenance, repair, and incidental improvements. Screens and processes job order requests for major repairs or improvements. Reviews preventive maintenance program, and conducts review and analysis of family housing costs. Monitors the self-help program. Maintains inventory of government controlled housing and real property serving family housing only. Administers the government quarters rental program. Provides off-post referral and placement services for family and bachelor housing, conducts housing surveys, maintains liaison with local community and realtors to determine extent of community housing support, and counsels individuals on off-post living. Interviews personnel, determines eligibility and order of priority for occupancy; maintains priority listing, and roster of anticipated vacancies, provides technical assistance in individual lease transactions. Mediates tenant/landlord complaints. Assigns and terminates occupancy in family housing and government-owned trailer spaces in trailer parks. Maintains an inventory of family housing dwelling units, utilization records, and prepares reports. Performs assignment inspections with incoming occupants, pretermination inspections, termination inspections with outgoing occupants, and inspects and verifies completion of work requirements.

### ORGANIZATION:

The Family Housing Branch is composed of four major sections:

- Management and Administration
- Assignment, Termination and Inspection
- Housing Referral Office (HRO)
- Facilities

<u>KEY PERSONNEL:</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Miss Patricia A. Sales	Ch, Family Housing Branch	Arrived February 1980

### ACCOMPLISHMENTS:

During 1980, the Family Housing Branch terminated and assigned 1,942 sets of on-post quarters. This represented a turnover rate of 64.13% during 1980.

Average occupancy rate for all on-post family housing units for the year was 99.44%.

The Housing Referral Office listing consisted of 5573 units, 5351 rentals and 222 sales. Of 3387 personnel processed through HRO during 1980, 2759 requested assistance and 2542 were housed as a result of assistance from HRO.

HRO issued 318 DD Forms 1747 to personnel applying for loans for home purchase during the year.

HRO records showed 3976 military members living off post at the end of 1980.

A new procedure using a roll-a-dex file for maintaining current off-post housing vacancies and which greatly improved accuracy of information was implemented during 1980.

A program to implement minimum standards for off-post housing was approved by the Command on 28 Nov 80. This program should enhance the quality of off-post housing.

In April 1980, 48 Company Grade family housing units were reallocated to NCO quarters. Establishment of separate waiting lists for senior and junior NCO's was approved by the Command on 19 Oct 80 and implemented 30 Oct 80. This action did not establish a separate senior NCO housing area, but a total of 146 units within the NCO housing areas are being filled from the senior NCO waiting lists.

Substandard quarters, Lake Lots Nos. 1 through 6, were converted to VOQ status and deleted from the Family Housing inventory in Feb 80.

A requirements type contract was awarded in Jan 80 for interior painting, floor refinishing and replacement of folding doors in HA's 1.12.

A contract was awarded in Apr 80 for replacement of air grills, HA's 1, 3, and 6.

A contract was awarded in Mar 80 for resurfacing streets in HA 2.

A contract was awarded in Aug 80 for replacing wood siding with vinyl siding on 43 Red Cloud.

A contract was awarded in Dec 79 for replacement of shrubbery in 1980 in HA's 1 - 12.

A contract was awarded in Mar 80 for grass mowing in HA's 1 - 12.

A contract was awarded in Apr 80 for replacing expended sod in HA's 1 - 12.

A requirements type contract was awarded in Jul 80 for building maintenance/repair in HA's 1 - 12.

## ***BILLETING BRANCH***

### MISSION:

Assigns and terminates assignment of personnel in bachelor housing. Manages transient housing facilities to include Visiting Officers' Quarters/Visiting Enlisted Quarters. Except for troop barracks, conducts pretermination, termination and assignment inspections, and verifies completion of work requirements. Except for troop barracks, counsels tenants on standards and policy, and acts as grievance arbiter concerning government controlled housing project conditions. Maintains and analyzes inventory records and utilization data. Prepares reports and implements directives on the allocation and use of bachelor housing. Issues certificates of nonavailability of government quarters. Collects service charges and maintains records for cost of laundering linens, maid service, and other services directly connected with the operation of bachelor accommodations and appropriated fund operated transient billets. Supervises janitorial, maid and linen exchange services, and performs other tasks related to quarters' maintenance.

ORGANIZATION:

The Billeting Branch is composed of five major sections:

Management and Administration  
Assignment and Termination  
Accounting  
Supply and Services  
Housekeeping

<u>KEY PERSONNEL:</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. Chester Lafferty	Ch, Billeting Branch	Departed September 1980
Major Shaun R. Casey	Ch, Billeting Branch	Departed December 1980
Major James H. Wheeler	Ch, Billeting Branch	Arrived October 1980

ACCOMPLISHMENTS:

Occupancy in the Bachelor Officer Quarters, Senior Enlisted Bachelor Quarters, and transient quarters averaged 95.11% for the year. Additionally, the occupancy rate for Geographical Bachelor Officer/Noncommissioned Officer Quarters was 99.48%. Overall average for CY 80 was 96.85%. This high rate was the result of extensive programming and strict adherence to the directives regarding the issuance of certificates of nonavailability. Assignment policies were closely monitored to insure maximum utilization under existing training loads and personnel input.

A considerable effort was made to upgrade the furniture in all quarters. Two hundred sixty-six items were refinished/reupholstered and 510 items were turned in to Property Disposal as unserviceable.

Six substandard family units were completely renovated and diverted to VOQ status with an increase of 18 units in the VOQ inventory.

Expenditures by the BOQ included the purchase of one vacuum cleaner, one laundry cart, one luggage truck, 36 drapes, and one mimeograph machine.

Primarily because of the hire of nonappropriated clerical and quality control personnel, the Bachelor Officer Quarters' Nonappropriated Fund incurred a net loss of \$31,150.54 for CY 80. An action is underway to obtain reimbursement from appropriated funds which will offset this in the future.

## ***FURNISHINGS MANAGEMENT BRANCH***

MISSION:

Manages inventories of furniture and household equipment necessary to support family and bachelor housing quarters to include troop barracks. Plans and programs for the control, storage, handling, distribution, and maintenance and repair of the inventories. Determines requirements for replacement of unserviceable items and initial issue furnishings, supplies and equipment. Establishes and maintains records of inventory, condition and utilization of furnishings. Performs annual inventories and prepares reports for family and bachelor furnishings for submission to higher headquarters. Maintains property books for all housing furnishings.

ORGANIZATION:

The Furnishings Management Branch is composed of four sections:

Management and Administration  
Property Book  
Warehouse  
Movement

KEY PERSONNEL:

POSITION

ARRIVAL/DEPARTURE DATES

Mr. James R. Smith

Ch, Furnishings Mgt Branch

All of 1980

ACCOMPLISHMENTS:

Phaseout of unserviceable family housing furnishings continued during CY 80.

Implementation of a project to furnish a four cubic foot refrigerator for each room in troops barracks continued throughout CY 80.

A project to completely refurnish all the lake cottages was completed in CY 80.

The policy requiring all furnishings to be picked up and returned to the Furnishings Management Office warehouse before a housing occupant could be cleared from quarters was continued during CY 80.

The Command policy of allowing housing occupants to utilize their own refrigerators and to store government refrigerators was continued throughout CY 80.

The replacement of bachelor officers' furniture to bring the Visiting Officer Quarters/Visiting Enlisted Quarters up to modernization standards was begun in CY 80.

# 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 Industrial Type Activities (CITA) 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 (MTOEs), in the review and assessment of current and future manpower and equipment utilization. Controls the civilian hire program. Directs and accomplishes The Army Authorization Document System (TAADS) for the installation. Prepares and maintains the USAAVNC Organization and Functions Manual. Manages the US Army Training and Doctrine Command (TRADOC) Management Information System (TRAMIS). Serves as the Career Program Manager for the Comptroller and Manpower Management Career Programs. Exercises direct supervision over budgeting and funding activities, cost analyses, financial services, accounting and disbursing, internal review, automated data systems, audit procedures, manpower and equipment activities, force structure management, statistical reporting and management analyses. Exercises staff supervision over Nonappropriated Fund Central Accounting Branch (NAFCAB). Provides input to higher headquarters regarding the Foreign Military Sales (FMS) Program.

## ORGANIZATION:

The Directorate of Resource Management (DRM) was 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:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL William F. Koehler	Director	All of 1980
Mr Danny L. Wright	Deputy Director	All of 1980
Mr Roy Locklar	Installation Accountant	All of 1980
Mr Frank Schlager	Systems Accountant	Departed 16 March 1980
Mr Kenneth E. Jackson	Systems Accountant	Arrived 16 March 1980
Mrs Elizabeth A. Potts	Administrative Officer	All of 1980

ACCOMPLISHMENTS:

On 13 February 1980, Brigadier General Loyd P. Riddlehoover came to Fort Rucker to sign the USAAVNC Budget Contract for FY 1980.

Colonel William F. Koehler was appointed by the Commanding General to conduct a training seminar for supervisors on the Merit Pay Plan. He also gave briefings to Merit Pay employees and conducted training workshops on the General Performance Appraisal System for all civilian employees.

On 9 June 1980, Colonel Koehler was tasked to establish and serve as chairperson of an Ad Hoc Committee for Federal Women's Affairs. John L. Kirk, Jr., Edith W. Stark, and Eugene R. Walton were appointed to serve as members of the Committee which convened from 12 June 1980 to 31 December 1980.

Conferences and Seminars Attended:

On 11-13 March 1980, Mr Frank Schlager, Systems Accountant, participated in the Field Validation Test (FVT) for STANFINS Systems Change Package C01-25-00 held at Ft Huachuca, AZ.

On 2-30 June 1980, Mr Roy Locklar attended the Installation Management Course conducted at Ft Lee, VA.

On 6-11 July 1980, Colonel Koehler, Director, went TDY to Washington, DC, to participate as TRADOC Trainer in the DA Merit Pay Institute.

On 17-21 November 1980, Mr Roy Locklar, participated in the FVT for STARFIARS System Change Package C09-01-00 held at Ft Shafter, HI.

On 2-12 December 1980, Colonel Koehler attended the Personnel Management for Executives Program held in Atlanta, GA.

## ***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 was five civilians and one military augmentation space; the assigned strength was four civilians and one officer.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr Walter E. Akridge	Chief	All of 1980
Cpt Marc Snyder	Cost Analyst Staff Officer	Arrived 1 September 1980
Maj Walter M. Oberst	Cost Analyst Staff Officer	Departed 27 May 1980

ACCOMPLISHMENTS:

Reports:

On 25 January 1980, the FY 79 US Army Forces Command (FORSCOM) Analysis of Operational Costs, Reports Control Symbol (RCS AFCO-54), was forwarded to FORSCOM. On 13 February 1980, the TRADOC Resource Factors (RCS ATRM-54) and on 10 March 1980, the TRADOC Cost Analysis Program (RCS ATRM-159) were furnished to TRADOC. These reports are used to develop cost estimating relationships and manpower estimating relationships at the USAAVNC.

Installation level input for the programming for New Systems was automated and a small scale test of the automation procedures was forwarded to TRADOC 5 December 1980. Prior to submitting completed package on 2 January 1981, the scale test identified sample resource requirements for new systems that would be employed at USAAVNC through FY 87.

Studies:

Interservice Training Review Organization (ITRO) Study. During May-August 1980, Cost Analysis Division was tasked by TRADOC to provide resource data and participate as the DA/TRADOC cost representative in the ITRO Study of Air Traffic Control Training Consolidation.

Development of TRADOC Major Needs, Goals, and Priorities. On 15 August 1980, the Cost Analysis Division furnished TRADOC nine needs that will enhance the Army's fighting readiness posture and provide officer/warrant officer leadership to meet the "Three Days of War" discussed in the Chief of Staff Army White Paper. The Aviation Center must accomplish these nine needs in the most economical and efficient manner possible.

Conferences and Seminars Attended:

From 7-11 January 1980, Mr James H. Woodard attended a Statement of Work Seminar presented by Management Resource Training Institute at Fort Rucker, AL.

On 11 March 1980, Mr Eugene R. Walton, Major W.M. Oberst, Ms Stella H. Moore, and Mr James H. Woodard attended a TRADOC CITA Seminar at Fort Benning, GA.

From 31 July - 10 August 1980, Ms Stella H. Moore conducted an Area Wage Survey for the Department of Labor at Fort Rucker, AL.

From 19-21 November 1980, Mr Eugene Walton attended a TRADOC CITA Working Conference at Atlanta, GA.

## ***FORCE DEVELOPMENT DIVISION***

MISSION:

The Force Development Division 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 was 12 civilians; the assigned strength was 14 civilians which included one Worker-Trainee Clerk Typist and one DA Intern, Management Analyst.

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr Howell L. Flowers	Chief	All of 1980

## ACCOMPLISHMENTS:

OPMS-15. As a result of the DA Aviation Task Force and in accordance with revised AR 570-1, Aviation Speciality Codes (15, 67J, and 71) were updated on USAAVNC TAADS documents during the July-September 1980 Memorandum of Change cycle. Positions approved by DA for operational flying status were revised IAW DA letter, DAPE-MPO-S, 21 May 1980, subject: Recording of Aviation Positions in TAADS.

Company C, 1st Squadron, 6th Cavalry (Attack Helicopter Company). Company C, 1st Squadron, 6th Cavalry was reorganized and assigned to Fort Rucker effective 1 December 1980 with a total authorized strength of 18 Officers, 38 Warrant Officers, and 167 Enlisted.

Interservice Training Review Organization (ITRO). Developed manpower requirements for seven options in support of the ITRO Study which evaluated the feasibility of consolidation/ allocation of Air Traffic Control Training of all armed services.

Manpower Reduction. The USAAVNC was assessed a manpower reduction of 181 military and 35 civilian spaces for FY 81. A total of 74 positions previously provided to support the consolidation of Undergraduate Helicopter Pilot Training (NAVY) was used to partially cover the space cut. The remainder of the cut was absorbed by reducing programmed training developments products and elimination/curtailment of essential base operations support functions.

Matthews/Huntington Consent Decree Reduction Impact. Under the provisions of the Matthews/Huntington Consent Decree, Fort Rucker must hire a certain number of black employees by 1985. Any civilian manpower reduction imposed during this period will have an adverse impact on complying with this decree. To assist the USAAVNC in meeting the Decree objectives, the civilian spaces deleted as a part of the FY 80/81 manpower reduction have been reinstated via overallocations.

## Conferences and Seminars Attended:

On 29 September - 2 October 1980, Howell L. Flowers attended the DA Vertical Force Development Management Information Systems Conference at TRADOC, Fort Monroe, VA.

On 22-24 October 1980, Howell L. Flowers attended the Resource Management Conference at TRADOC, Fort Monroe, VA.

On 18-21 November 1980, Howell L. Flowers attended the DA Working Conference to revise AR 570-4 in Atlanta, GA.

# **MANAGEMENT ANALYSIS DIVISION**

## MISSION:

Conducts management analysis surveys/studies of USAAVNC organizations and systems. Performs methods and standards (work measurement) studies. Administers the Office of Secretary of Defense Productivity Investment Funding Program, Productivity Enhancing Capital Investment (PECI) Program, and Quick Return on Investment Program (QRIP). Publishes the Command Performance Summary (review and analysis). Administers the management information control system for TRADOC units. Serves as the central coordinating activity at USAAVNC for TRAMIS. Prepares actual and projected installation economic impact data summaries.

## ORGANIZATION:

The authorized strength was seven civilians; the assigned strength was seven civilians, including one DA Intern, Management Analyst.

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr Harry G. Howell	Chief	All of 1980

ACCOMPLISHMENTS:

The major management analysis studies conducted in 1980 were as follows: (1) Outdoor Recreation Branch, DPCA; (2) Terminal Warehouse Section, Movements Branch, Transportation Division, DIO; (3) Audiovisual Services; (4) Morale Support Fund Capital Expenditure Projects; (5) Feasibility of Procuring a Minicomputer for DRM; (6) Scheduling of Academics for Flight and Professional Development Courses; (7) Review of Civilian Grade Levels; (8) Nonappropriated Fund Procurement Procedures; (9) In/Out Processing and Inquiries Units, Military Pay Section, Pay and Examination Branch, Finance & Accounting Division, DRM; (10) Economic Analysis - Automation of Graphic Arts Work, Training and Audiovisual Support Center, DTD; (11) Personnel Administration Centers, Supply Administrative Centers and Postal Operations of TDA Battalions, 1st Aviation Brigade; and (12) Headquarters, 1st Aviation Brigade.

Committees:

On 12 June 1980, Mrs Edith W. Stark was appointed a member of the Ad Hoc Committee for Federal Women's Affairs.

Conferences and Seminars Attended:

On 20-22 February 1980, Charles L. Meadows attended Seminar on Minicomputers at Office of Personnel Management Regional Training Center, Atlanta, GA.

On 16-18 September 1980, Harry G. Howell attended Seminar on Minicomputers at Office of Personnel Management Regional Training Center, Atlanta, GA.

On 27-30 October 1980, Mrs Edith W. Stark attended TRAMIS Improved User Conference in Hampton, VA.

On 17-21 November 1980, Charles L. Meadows attended TRADOC CITA Conference at Atlanta, GA.

## ***INTERNAL REVIEW DIVISION***

MISSION:

Exercises staff supervision over the installation internal review program. Performs internal reviews of appropriated fund activities and audits of nonappropriated fund instrumentalities. Exercises staff supervision over, and coordinates visits by external audit agencies. Performs quarterly cash verifications and cash level reviews.

ORGANIZATION:

The authorized strength was eleven civilians, including three minority civilians in the Co-operative (COOP) Education Program.

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr Kenneth D. Barrett	Chief	All of 1980
Mr Don W. Phillips	Senior Auditor	Reassigned 17 August 1980
Mr Solon H. Conner	Senior Auditor	Departed 6 June 1980

## ACCOMPLISHMENTS:

### Reviews, Surveys, and Visits by the United States General Accounting Office (USGAO):

Review of DOD/NATO Anti-Armor Weapon Capabilities. The review was initiated on 17 January 1980 and completed on 22 February 1980. A report was not issued to Fort Rucker.

Review of In-Flight Helicopter Escape Systems. The review was initiated on 21 February 1980 and completed on 29 February 1980. A report was not issued to Fort Rucker.

Review of Attack Helicopter/HELLFIRE Missile Programs. The review was initiated on 8 May 1980 and completed on 13 June 1980. 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 the Close Combat Mission. The review was initiated on 15 December 1980 and was still in progress at 31 December 1980.

Review of CITA Conversion During FY 77. The review was initiated on 14 January 1980 and completed on 31 January 1980. A report was not issued to Fort Rucker.

### Audits, Reviews, and Visits by the United States Army Audit Agency (USAAA):

Audit of Title II Architect and Engineering Services. The audit was initiated on 25 March 1980 and completed on 1 July 1980. The report contained one finding and two recommendations addressed to the Engineer District, Mobile, AL.

Audit of the Fort Rucker Club System. The audit was initiated on 3 July 1980 and was in progress at 31 December 1980. The draft report contained six findings and eighteen recommendations.

Audit of the Commissary. The audit was initiated on 20 August 1980 and completed on 1 December 1980. The report was issued to Troop Support Agency, Fort Lee, VA.

Audit of Operational Testing and Evaluation of Nonmajor Materiel Systems. The audit was initiated on 10 September 1980 and was in progress at 31 December 1980.

Survey of SFTS. The survey was initiated on 27 October 1980 and completed on 31 October 1980. A report was not issued to Fort Rucker.

Audit of the General Materiel and Petroleum Activity, New Cumberland Army Depot. The audit was initiated on 4 November 1980 and completed on 10 December 1980. A report was not issued to Fort Rucker.

### Conferences and Seminars Attended:

On 28-30 October 1980, Kenneth D. Barrett and Don W. Phillips attended the annual TRADOC Internal Review Conference.

## ***PROGRAM 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 Summary/Mission accounts.

### ORGANIZATION:

The authorized strength was nine civilians; the assigned strength was ten civilians, including one DA Intern, Budget Analyst.

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr George H. Broxson, Jr	Chief	All of 1980
Mr Jerry M. Lindsey	Senior Budget Analyst	All of 1980
CPT Marc Snyder	Budget Analyst	Departed 1 April 1980

ACCOMPLISHMENTS:

Command Operating Budget (COB). In April and May 1980, the Program and Budget Division developed and transmitted to major commands the installation FY 81 COB. The COB, a major 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.

Summer Resource Review (SRR). In June and July 1980, this office prepared and transmitted its FY 80 SRR. A Budget Execution Review was not required by DA or TRADOC.

Draft Installation Budget Contract. The FY 81 Draft Installation Budget Contract, a mutual agreement between the Commander of TRADOC and the installation commander, was transmitted to HQ TRADOC 14 November 1980, and considered a total Operation & Maintenance Army (OMA) obligation authority of \$151,006,600. The Installation Contract summarized both funding and manpower resources with which the Commanding General agreed to accomplish his stated workload for FY 81.

FY 80 Budget Actions:

Austere funding conditions continued in effect throughout FY 80. Continuous efforts were expended to obtain necessary funds for support of FY 80 operations. FY 80 actual obligations were as follows:

<u>APPROPRIATION</u>	<u>AMOUNT</u>
OMA (TRADOC)	\$157,761,250
FHMA	2,816,701
RDTE	2,638,178
RPA	152,447
OMA (FORSCOM)	1,779,005
OMAR	1,223,136
OMARNG	23,800

FY 81 Budget Actions:

As of 31 December 1980, the TRADOC Installation Contract, which outlined objectives to be accomplished within available resources, had not been signed. FY 81 resources made available by the Installation Contract were:

<u>APPROPRIATION</u>	<u>TRADOC</u>	<u>FORSCOM*</u>
OMA	\$178,308,600	\$1,226,300
FHMA	2,932,300	-0-
OMAR	-0-	1,074,400
OMARNG	-0-	-0-
RPA	140,000	-0-
RDTE	1,553,500	-0-
ASF	55,194,000	-0-

\*Contract not required by FORSCOM. Above figures were derived from FAD.

The FY 81 training load hours furnished in the TRADOC Installation Contract were as follows:

	<u>US</u>	<u>NATO</u>	<u>FMS</u>	<u>IMET</u>	<u>TOTAL</u>
<u>FLIGHT (TOTAL)</u>	(1473)	(56)	(4)	(4)	(1537)
Undergraduate	1216	48	3	3	1270
Graduate	257	8	1	1	267
<u>NON-FLIGHT (TOTAL)</u>	(1030)	(1)	(1)	(2)	(1034)

The FY 81 COB furnished TRADOC and FORSCOM in May 1980 considered fund requirements for FY 81 as follows:

	<u>OMA FUND REQUIREMENTS</u>	<u>RPA FUND REQUIREMENTS</u>	<u>OMAR FUND REQUIREMENTS</u>	<u>FHMA FUND REQUIREMENTS</u>
TRADOC	\$188,029,500	\$140,000	-0-	\$3,281,400
FORSCOM	4,100,800	-0-	\$1,303,100	-0-

Conferences and Seminars Attended:

On 1-3 April 1980, Madge S. Jones attended FORSCOM Budget Officer's Conference, Atlanta, GA.

On 21-24 October 1980, George H. Broxson, Jr., attended TRADOC Resource Management Conference, Norfolk, VA.

On 2-5 December 1980, Madge S. Jones and Bettie R. James attended the Implementation of Command Automated Budget System and Automation of the AFCO-2 Status of Operating Resources Reports Seminar, Atlanta, GA.

## ***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 was two officers, 44 enlisted military, and 108 civilians; average assigned strength was three officers, 39 enlisted military, and 131 civilians, including 13 Nonappropriated Fund personnel, two Worker-Trainees, one temporary, and three Student Aides. The Finance and Accounting Division consisted 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)

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Walter M. Oberst	Finance Officer	Arrived 27 May 1980
MAJ Barry G. Poole	Finance Officer	Departed 5 June 1980
Mr Donald B. Wilson	Deputy Finance Officer	All of 1980
SGM William F. McRae	Chief, Finance Operations	Arrived 22 August 1980
CPT Marc Snyder	Disbursing Officer	1 April - 1 September 1980
Ms Helen B. Kelley	Chief, Quality Edit Branch	All of 1980
Mr Eugene M. Calhoun	Chief, Data Conversion Branch	All of 1980
Mr Frank L. Schlager	Chief, Accounting Branch	Arrived 17 March 1980
Mr Joseph T. Pouncey	Chief, Disbursing Branch	All of 1980
Mr Floyd E. Rodgers	Chief, NAFCAB	All of 1980
CPT Abraham Scott	Chief Pay/Exam Branch	All of 1980

ACCOMPLISHMENTS:

On 28 January 1980, the Finance and Accounting Division initiated a test of the JUMPS Automated Coding System at the request of DA and TRADOC. After an In Progress Review at TRADOC, it was determined that the concept tested at Fort Rucker was not feasible, and the test was terminated 16 May 1980.

A Class B Agent Office was operated at Camp Shelby, MS, during the period May-August 1980. During this time, payments in the amount of 7.5 million dollars were made to Army Reserve and National Guard personnel.

Christmas partial payments were made to 322 military personnel in the amount of \$63,498. Disbursements of \$294,582,303.57 and collections of \$89,857,681.83 were made during 1980, for an average daily business of \$1,525,555.50.

The Finance and Accounting Division conducted a savings bond drive during June 1980. Fiscal Year Closeout was accomplished in September/October 1980 with no difficulties encountered.

Average monthly workloads accomplished included 3,846 travel vouchers processed; 7,627 personal financial records maintained; 22,118 cash payments, collections, checks, and bonds; 7,421 commercial invoices processed; 2,728 civilian personnel paid; and 15,465 military pay changes.

On 24 November 1980, the Finance and Accounting Division initiated an alternate work schedule experiment, the 5-4/9 plan. Under this plan, employees may elect to work 80 hours over a 9-day period, with day 10 of the work period off. This experiment was approved under law by the Office of Personnel Management.

Total NAFCAB operating expenses averaged \$17,597 per month during 1980. Of this amount, \$11,014 was charged to participating funds.

Conferences and Seminars Attended:

On 29 February - 1 March 1980, Maylon Eldridge and SP5 Robert Holt attended Pre-Camp Conference at Camp Shelby, MS.

On 21-22 March 1980, MAJ Barry G. Poole and CPT Abraham Scott attended Pre-Camp Conference at Hattiesburg, MS.

On 25-26 March 1980, Donald B. Wilson attended Review of Jumps Army Coding System Procedures with Fort Jackson and TRADOC representatives at Fort Jackson, SC.

On 11-13 April 1980, CPT Abraham Scott and SP5 Robert Holt attended Alabama Annual Training Pre-Conference at Camp Shelby, MS.

On 24-27 June 1980, Elizabeth Lambert attend TRADOC Stock Fund/Supply Management Seminar, at Hampton, VA.

On 9 October 1980, Richard L. Edgar delivered certified Year-End Reports to Headquarters TRADOC, Fort Monroe, VA.

On 5-7 November 1980, Donald B. Wilson attended conference with appropriate staff officials concerning establishment of installation pay policy, held at both TRADOC and HQDA.

# MANAGEMENT INFORMATION SYSTEMS OFFICE

## MISSION:

Provides overall installation Management Information Systems (MIS) Automatic Data Processing (ADP) resources and operated the Data Processing Center (DPC).

## ORGANIZATION:

The Management Information Systems Office (MISO) had an authorized staffing of 54 civilian and 11 military personnel. A reduction of 4 enlisted authorizations was levied against the MISO during FY 80. One additional civilian space was authorized during the same period.

The Management Information Systems Office is composed of the following: The office of management information systems comprising the Chief and Deputy MISO and the office of plans development and technical support. The data processing center comprised of the systems analysis and programming branch, the aviation systems development branch, and the machine operations branch.

## KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ Richard W. Jordan	Chief, MISO	Entire year 1980
MAJ Michael R. Varrieur	ADP Systems Security Officer	Apr 1978 Aug 1980
CPT Derek J. Reynolds	ADP Systems Security Officer/Deputy	Aug 1980
Mr. Rex Thompson	Chief, Data Processing Center	Entire year 1980
Mr. William V. Apple	Chief, Aviation Systems Development Br	Sep 1959 Feb 1980
Mr. Charles B. McCarthy	Chief, Machine Operations Br	Jan 1963 Aug 1980

## ACCOMPLISHMENTS:

Installed an IBM 4341 Virtual Machine (VM) Concept computer during July 1980. The new computer, running under VM, replaced one IBM 360/50 and one IBM 360/40 computer and absorbed the workload formerly processed on the replaced computers. In addition to reducing the number of computer configurations operated, the IBM 4341 enhanced computer reliability and operational flexibility.

Expanded automation support for the Fort Rucker Consent Decree to include applicant and employee counseling data and historical reporting in the areas of hires, awards, promotion and reassignments.

Participated in Project Vertical Installation Automation Baseline (VIABLE) through development of specifications for command unique ADP systems for inclusion in the VIABLE Request for Proposal (RFP) and developed initial software conversion plan for transition to the VIABLE concept. Designated a MISO staff member to serve on the panel evaluating proposals received from private industry concerning VIABLE.

Accomplished upgrade of the data reduction capability for Directorate of Resource Management (DRM) and nonappropriated fund (NAF) with the acquisition of a key-to-disk-to-tape (KDT) system to support these functions.

Developed a proposal for the upgrade/replacement of ADP equipment peripheral devices due to age, reliability and limitations of current equipment.

Performed analysis, developed documentation and obtained TRADOC approval for annual reaccreditation of the DPC under provisions of AR 380-380.

Participated as a full player in Exercise Proud Spirit/MOBEX 80, providing ADP support to personnel and logistics functions.

Discontinued ADP support to US Army Safety Center (USASC) due to establishment of in-house USASC capability in April 1980.

Established facilities for participation in the Cooperative Education (Co-op), Career Intern, Junior Fellowship and Worker-Trainee Programs.

## ***SYSTEMS ANALYSIS AND PROGRAMMING BRANCH***

### ACCOMPLISHMENTS:

Performed all study, design and programming actions associated with continued development of automation support for the Fort Rucker Consent Decree and other installation unique ADP systems. This included expansion of the current automated system to include applicant and employee counseling data and historical reporting.

Revised and updated Continuity of Operations (Co-op) Plan to incorporate changes in ADPE configurations and other modifications.

Established plans, procedures and provided software support during Exercise Proud Spirit/MOBEX 80.

Provided application software and maintenance support for a multitude of Army Standard ADP systems including DA, TRADOC, HSC and FORSCOM designed systems.

## ***AVIATION SYSTEMS DEVELOPMENT BRANCH***

### ACCOMPLISHMENTS:

Conducted a study designed to improve automation support for aviation training functions. Study revealed that improvements could be made in the collection and data reduction of DA forms 2408-12, thereby facilitating reporting accuracy and increasing efficiency. A current three shift data reduction operation will be compressed into a single shift operation in early 1981 when results of the study are fully implemented.

Continued the development, enhancement and maintenance of Aviation Management Information System (AVMIS) supporting aviation training at Fort Rucker.

## ***MACHINE OPERATIONS BRANCH***

### ACCOMPLISHMENTS:

Operated three computer systems running under Operating System (OS), Disk Operating System (DOS) and Disk Operating System - Expanded (DOS-E) on a 24 hour per day, 7 day per week basis supporting essentially every organization at Fort Rucker.

Conducted a training program for newly assigned personnel in computer operation, Input/Output control, Tape Library and data reduction.

# **DIRECTORATE OF RESERVE COMPONENTS**

## MISSION:

Provides a single point of contact at this installation 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 included 20 counties in Alabama and 41 in Mississippi. Provides support to five Senior and 32 Junior Reserve Officer Training Corps units.

## ORGANIZATION:

The Directorate of Reserve Components functioned under the Chief of Staff. The directorate was organized into the following functional areas:

Plans and Training

Operations

Program Management

## KEY PERSONNEL:

MAJ(P) Joseph W. Squire, USAR Advisor, served as the director since his arrival on 15 January 1979.

## ACCOMPLISHMENTS:

The installation hosted a total of 73 units for annual training, with an aggregate strength of 3,700 personnel. Units included aviation, engineer, medical units, a United States Army Reserve school conducting instruction for 140 warrant officers, and numerous smaller units. A total of 18,700 man-days of weekend training was supported. During 1980 Fort Rucker implemented its Mobilization Designation program and was assigned 78 mobilization designees.

# 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 Investigations

Physical Security

Military Police Investigations

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 three officers and 85 enlisted personnel.

Security Unlimited Enterprises, Incorporated is the contract security guard agency which provides security for all airfields, ammunition supply points, money escorts, wildlife activities, and other sensitive facilities.

## KEY PERSONNEL:

COL Thomas J. Regel	Provost Marshal	Entire Year
CPT Ronald E. Travers	Deputy Provost Marshal	Dep 26 Sep 80
MAJ Thomas R. Mann	Deputy Provost Marshal	Arr 8 Sep 80
SFC Ralph E. Reed	Provost Marshal NCOIC	Entire Year
2LT Barry S. Karet	PM Operations Officer	Arr 9 Apr 80
SFC Timothy M. Hilliard	PM Operations NCO	Entire Year
SFC Bennett J. Jergenson, Jr.	NCOIC of the Game Warden Section	Arr 1 Jul 80
SFC Charles W. Cavanaugh	NCOIC of Physical Security	Arr 1 Jul 80
SFC Hulon J. Martin	NCOIC of Military Police Investigation Section	Entire Year

## ACCOMPLISHMENTS:

Fort Rucker military police responded to over 5300 incidents in 1980. Of these 5300 incidents, 1317 are listed into four major categories:

Crimes of violence	19
Crimes against property	600
Drug suppression/apprehension	173
Traffic accident investigations	525

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)	3,075
DD Form 1408 (Armed Forces Traffic Ticket)	158
DD Form 1805 (Federal Magistrate Ticket)	1,839
DA Form 3946 (Traffic accident report)	525
Post driving privilege suspensions	64

The AWOL Apprehension Section traveled more than 30,000 miles throughout 79 counties in the three state area. This resulted in the processing and return to military control of 616 absentees.

The Physical Security Section prepared, conducted, or responded to:

Unsecured building reports	86
Physical security inspections	137
Physical security surveys	27
Crime prevention inspections	12
Alarm activations	181

To complete these actions the Physical Security Section traveled approximately 5000 miles throughout Fort Rucker's three state area of responsibility.

The Military Police Investigation Section investigated all non-felonious crimes occurring on the installation. During 1980, 1,143 cases were opened and 1,444 cases were closed. A breakdown of the major types of these cases follows:

<u>OFFENSE</u>	<u>SUBJECTS IDENTIFIED</u>	<u>CASES</u>
Assault	49	49
Larceny	106	494
Possession of Marijuana/ Found Marijuana	222	140
Harrassing/Obscene Phone Calls	0	38
Civil Cases	112	159
Housebreaking	6	25

Value of private property stolen and recovered:

<u>STOLEN</u>	<u>RECOVERED</u>
\$36,130.87	\$9,777.76

Value of government property stolen and recovered:

<u>STOLEN</u>	<u>RECOVERED</u>
\$11,641.27	\$6,655.47

An Anti-Larceny Team composed of three military police was established on 3 October 1980. Their mission is to display a high profile with walking and motorized patrols in identified crime areas during the evening hours. Since October this team has made 37 apprehensions.

The Game Warden's Office was civilianized on 1 October 1980. Security Unlimited Enterprises, Inc. assumed responsibility for the game warden operations, which covers over 46,000 acres of Fort Rucker wildlife areas.

Fort Rucker military police also participated in various community service projects throughout 1980. These projects took military police throughout our three state area of responsibility. However, our strongest commitment is to the local community, hosting such events as bicycle rodeos, tours and lectures for girl and boy scouts, recruiting in local high schools and the sponsoring of a haunted house during Halloween.

The Fort Rucker military police provided security for two major conferences held at the Fort Rucker Lake Lodge complex during 1980. The first conference was the German-American Staff Talks held during the period 21-24 April 1980, which was comprised of attendees from all of the NATO countries. During these talks, the military police provided both external and internal security for the conference site. The second conference was the Army Aviation Training Symposium held during the period 30 November through 5 December 1980. During these talks the military police provided external security for the conference site.

An active Civil-Military Law Enforcement Association composed of military and civil law enforcement/criminal justice agencies throughout the surrounding three county area was established in March 1980. The Association provides a forum for solid two-way communications, exchange of police information, and showing the public our common commitment to reducing crimes in both our military and civilian communities.

# 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, remained under staff supervision of the Chief of Staff.

## KEY PERSONNEL:

<u>NAME</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Mr. John S. Hickey, Jr.	Chief	All of 1980
CPT James R. Kincaid, Jr.	Chief, Aircraft Accident Investigation Board	Arrived 9 June 1980
CPT Henry D. Reed	Chief, Aircraft Accident Investigation Board	Departed 25 May 1980

## ACCOMPLISHMENTS:

A significant reduction of statistical rates in all categories of accidents was achieved for FY 80 except for a minor increase for Army motor vehicle accidents. The following table reflects the comparative rates for the past two fiscal years:

	<u>FY 79</u>	<u>FY 80</u>
Army aircraft accidents per 100,000 hours flown	6.49	2.71
Army motor vehicle accidents per 1,000,000 miles driven	2.04	2.68
Military fatalities per 1,000,000 mandays of exposure	3.31	1.56
Military disabling injuries per 1,000,000 mandays of exposure	19.89	14.82
Army civilian disabling injuries per 1,000,000 manhours of exposure	3.19	2.58

The U.S. Army Aviation Center's aviation mishap rate of 2.71 per 100,000 flight hours was the lowest ever recorded. The class "A" mishap rate was .27 per 100,000 flight hours. This class "A" rate is considered outstanding when compared with the worldwide class "A" rate of 2.41 per 100,000 flight hours. The U.S. Army Aviation Center was recognized for these accomplishments by the award of the three following prestigious aviation safety awards:

- a. The TRADOC Commander's Aviation Accident Prevention Award
- b. The Daedalian Aviation Safety Award (Armywide Unit Award)
- c. The Daedalian Foundation Trophy for Aviation Safety (Training Base Trophy)

# PLANS OFFICE/EOC

## MISSION:

Prepares and executes contingency, emergency and mobilization plans and directives. Submits reports required by Unit Reporting System. Maintains and operates the World Wide Military Command and Control Entry System (WES) Terminal. Maintains and supervises the operation of the United States Army Aviation Center Emergency Operations Center (EOC).

## ORGANIZATION:

Effective Feb 80, assigned carpooling mission.  
Work Stoppage Plan transferred to Civilian Personnel Office, 5 Mar 80.  
Nuclear, Biological and Chemical function transferred to 1st Aviation Brigade, effective May 80.  
Effective 30 Jun 80, Plans Office assigned to Operational Control of the Office, Assistant Chief of Staff/Deputy Installation Commander.  
Oil and Hazardous Substances Spill Prevention/Contingency Plan transferred to Directorate of Facilities Engineering, Jun 80.  
Operations Security (OPSEC) functions transferred to Installation Plans Office, Dec 80.

## KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Donald L. Cline, GS-12	Chief, Plans Office	All of calendar year 1980

## ACCOMPLISHMENTS:

Plans Office prepared and executed a number of contingency, emergency and mobilization plans during calendar year 1980. Severe weather warnings were disseminated by telephone. Periodic tests of radio communications and Emergency Television Notification System were conducted; weekly "growl" and monthly "full scale" tests of air defense warning sirens were accomplished. Specifically, Plans Office accomplished the following:

United States Army Aviation Center letter, dated 8 Jan 80, was forwarded to Headquarters, United States Army Training and Doctrine Command (TRADOC) identifying aircraft requirements and recommended courses to be eliminated or reduced in order to establish realistic and valid student loads for mobilization.

Submitted final TEMPEST RAPID report to First United States Army on 5 Feb 80 for Hurricane Frederic. Fort Rucker provided troops, materiel, and equipment for disaster relief operations in Mobile, Alabama as a result of Hurricane Frederic.

On 4 Mar 80, established a Computer Match Ridesharing Program - EASY RIDE. Utilizing United States Army Aviation Center Poster 4 (Grid Map), individual determined grid square they reside in and completed United States Army Aviation Center Form 604, Carpool Registration Form, for computer processing. Initial computer printout provided a listing of those personnel residing within their locality. Once an individual was registered, he/she might request additional listing of surrounding grid squares.

Activated Fort Rucker Emergency Operations Center, 7-8 May 80, for Cuban refugee support. Fort Rucker outprocessed approximately 185 personnel from 46th Engineer Battalion to be employed at Fort Chaffee, Arkansas. The Battalion provided support from 8-15 May 80.

Joint Chiefs of Staff (JCS) Command Post Exercise (CPX) POSITIVE LEAP 80 was conducted to exercise procedures and examine policies and plans involving the Rapid Deployment Force. The dates of POSITIVE LEAP 80 were classified. Fort Rucker staff responded to requirements as required.

Conducted weekly Mobilization Planning Committee Meetings, Apr-Jun, to identify billets and to establish Mobilization Station Arrival Dates for 77 Reserve Component units mobilizing at Fort Rucker.

Conducted Transportation Survey, 22 Aug - 2 Sep 80, to determine percentage of personnel residing off post that carpool. Survey revealed 26% of Fort Rucker's personnel carpool.

Fort Rucker staff participated in a Joint Chiefs of Staff Command Post Exercise PROUD SPIRIT/MOBEX 80 during the period 6-26 Nov 80. PROUD SPIRIT/MOBEX 80 was conducted to test military services and Joint Chiefs of Staff plans, systems and methods for mobilization and deployment during a national emergency. The Emergency Operations Center operated on a 24-hour basis with the majority of United States Army Aviation Center staff offices operating on two 12-hour shifts. A Trusted Agent Evaluation Group (TAEG) was provided by First United States Army. The Trusted Agent Evaluation Group provided prepositioned Reserve Component unit data packets to Emergency Operations Center staff on unit's Mobilization Station Arrival Date (MBSAD) and conducted an in-depth evaluation of Fort Rucker's capability to support mobilization and deployment. Fort Rucker Emergency Operations Center staff responded to requirements from 75 Reserve Component units and higher headquarters.

Registered C Company, 1/6 Attack Helicopter Battalion, into the Unit Status and Identity Reporting system (UNITREP) with an effective date of 1 Dec 80.

During 1980, Plans Office personnel responded on 13 different occasions to severe weather warnings. This required personnel to be on standby in the Emergency Operations Center should weather conditions necessitate Fort Rucker personnel be notified, utilizing our preempt television capability. Also, personnel were readily available should damage occur at Fort Rucker as a result of severe weather.

United States Army Aviation Center conducted seven Emergency Deployment Readiness Exercises (EDRE) for the following United States Army Forces Command units: 46th Engineer Battalion, 427th Medical Company, 108th Quartermaster Company, 416th Transportation Company and 91st Engineer Detachment. The purposes of the Emergency Deployment Readiness Exercises were to evaluate the unit's ability to deploy within a specified time frame and the installation's support capability.

Plans Office staff coordinated several one-time actions, such as: Total Army Analysis Requirements, Overseas Replacement Center Mission, Mobilization Production Times, and Draft United States Forces Command Regulation 525-2.

Four Reserve Component units, scheduled to mobilize at Fort Rucker, visited to coordinate mobilization planning requirements.

Plans and Directives published:

Severe Weather Warning Poster, 1 Jan 80.

Standard Operating Procedures for Tyndall Air Force Base Evacuees, 20 Feb 80.

United States Army Aviation Center Form 604 (Carpool Registration Form), 1 Mar 80.

Severe Weather Warning Plan, 3 Mar 80.

Computer Match Ridesharing Program EASY RIDE, 4 Mar 80.

United States Army Aviation Center Poster 4 (EASY RIDE Grid Map), 1 Mar 80.

Standard Operating Procedures for Explosive Ordnance Detachment Response to Civil Contingency Plan for Support of Emergency Unit Deployment, 16 Apr 80.

Mobilization Station Planning Packet, 25 Apr 80.

United States Army Aviation Center Supplement to United States Forces Command Regulation 525-3, 16 Jun 80.

Operations Security (OPSEC) Orientation Briefing Letter, 18 Jun 80.

Mobilization Plan, PART I and II, 30 Jun 80.

World Wide Military Command and Control System (WWMCCS) Terminal Area Security Standard Operating Procedures, 30 Jun 80.

World Wide Military Command and Control System (WWMCCS) Terminal Site Security Profile, Aug 80.

MOBEX 80, Exercise Directive, 30 Oct 80.

Mobilization/MOBEX 80 Briefings were conducted as follows:

Brigadier General Tankersly, Mobilization Designee, Headquarters, Department of the Army, Deputy Chief of Staff, Operations.

Major General Tanni, The Adjutant General, Delaware, 30 May 80.

Lieutenant Colonel Wood, Redstone Readiness Group, 21 Jul 80.

Colonel Kovalsky, Deputy Commander, Army Readiness and Mobilization Region IV (ARMR IV), 11 Sep 80.

Lieutenant General Forrest, Commander, First United States Army, 28 Oct 80.

Colonel Quedens, Alabama Army National Guard Advisor, 13 May 80.

Colonel Sewell, Senior United States Army Reserve Advisor, 121st Army Reserve Command, and Chief, Trusted Agent Evaluation Group (TAEG), MOBEX 80, 19 Sep 80.

Major General McNair, Commander, United States Army Aviation Center, 27 Oct 80 and 8 Dec 80.

Major General Duquemin, Commander, Army Readiness and Mobilization Region IV, 13 Nov 80.

Major General Robertson, The Adjutant General, Mississippi, 14 Nov 80.

# DETACHMENT 9, 5TH WEATHER SQUADRON

## MISSION:

Provides operational weather services to the USAAVNC flying training mission 24 hours a day, all days of the year, and staff weather services to all USAAVNC agencies on a as needed/requested basis. The operational support includes severe weather forecasting and alerting for the Fort Rucker Complex, complete meteorological watch of the local flying area, remote briefing service for specified limited hour weather stations, and radar meteorology watch within a 200 nautical mile radius of Fort Rucker. Staff weather service primarily involves specific weather forecast and climatological data input to USAAVNC Headquarters and Training Division short and long range decision making. Detachment 9 has access to a variety of telecommunications to assist in accomplishing its mission: (1) The CONUS Meteorological Data System (COMEDS) is a primary system that is linked to a computer at Carswell AFB, Texas. Worldwide weather data is continually stored and updated in the computer and is available in seconds via COMEDS, (2) facsimile terminals that provide weather analysis and prognosis from the National Meteorological Center in Washington DC and as of October 1980 from Global Weather Center at Offutt AFB, Nebraska, (3) one of the largest military closed-circuit "Weathervision" Networks over which forecasts, weather warning, briefings, aircraft clearances, and METWATCH advisories are disseminated to the many USAAVNC using agencies, and (4) a UHF and VHF pilot-to-meteorologist radio service. Operating Location Alpha of the detachment provides 10 hours per day, five days per week, weather observing to USAAVNC training mission at Troy Airport, Alabama.

## ORGANIZATION:

Detachment 9 is attached to the USAAVNC Director of Training and Doctrine (DTD) 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 5th Weather Squadron, Fort McPherson, GA, to the 5th Weather Wing, Langley AFB, VA to Headquarters Air Weather Service, Scott AFB, IL.

## KEY PERSONNEL:

<u>KEY PERSONNEL:</u>	<u>POSITION</u>	<u>PERIOD OF ASSIGNMENT</u>
Lt Col Clark S. Pinder	Commander	1 Jan 80 - 10 Aug 80
Maj Kenneth F. Persin	Commander	10 Aug 80 - Present
Lt Michael A. Jackowski	Staff Weather Officer	1 Jan 80 - 15 Jun 80
Lt Duane L. Mohr	Staff Weather Officer	15 Jun 80 - Present
MSGT Ronald T. Cook	Station Chief	Entire Year
SSGT James B. Bennett	Chief, Administration	Entire Year

## ACCOMPLISHMENTS:

Completed 19,379 outbound pilot briefings (DD Form 175-1).

Prepared and presented 2,383 closed circuit TV briefings.

In October 1980 a new facsimile system was implemented at Det 9. The new system, Air Force Digital Graphics System (AFDIGS), has increased facsimile receiving capabilities by 6 fold. This enables Det 9 to receive more charts and clearer charts, which helped improve forecasts.

The post Severe Weather support regulation was rewritten to fine tune many of the leadtimes and to implement a Severe Weather Watch similar to the one used by National Weather Service.

**Issued** 62 severe weather warnings/alerts for a 15 mile radius of Fort Rucker, and 393 Terminals and Area METWATCH advisories for the local flying area (100 mile radius of Fort Rucker).

Mobility became a major part of Det 9 during the year. Det 9 participated in joint training exercise with the weather unit at Fort Benning and other members went to Ft McCoy, WI to help run the weather unit there.

The old FPS-77 weather radar was replaced by a new FPS-77 in Jan 80.

Det 9 participated in MOBEX-80, by training members of the 113th Weather Flight (ANG) from Terre Haute, IN.

# 1ST AVIATION BRIGADE

## MISSION:

Exercise command over assigned and attached battalions. Provide administrative and logistical support to assigned units of the 1st Aviation Brigade. Directs operations, training, intelligence and security activities within the Brigade.

## ORGANIZATION:

The 1st Aviation Brigade consists of the following units:

- 1st Battalion
- 4th Battalion
- 6th Battalion

## Attached Units:

- 46th Engineer Battalion (Combat)(Heavy)
- C Troop, 1/6 Cav

## KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
Colonel (P) John C. Bahnsen	Brigade Commander	Departed 16 May 1980
Colonel David J. Allen	Brigade Commander	Arrived 16 May 1981
CSM Victor E. Ashcraft	Command Sergeant Major	9 Aug 78 - 2 Jul 80
CSM David L. Spears	Command Sergeant Major	2 Jul 80 - 24 Jul 80
CSM Harry B. Scribner	Command Sergeant Major	24 Jul 80 - Present

## ACCOMPLISHMENTS:

### 1st Quarter

A four-man team from the 509th Infantry went to Selma, AL 20-25 January to train Alabama State Police Special Weapons and Attack Team.

Alabama Civil Air Patrol held a training encampment at Fort Rucker 9-15 March.

Winter 1980 Sportsfest was held 21-22 March--approximately 1,550 participated.

### 2nd Quarter

Special Olympics was held 19 April at the Physical Fitness Center.

German-American Staff Talks held at Fort Rucker 21-25 April.

Members of the 46th Engineer Battalion deployed on 8 May to construct a holding camp at Fort Chaffee, Arkansas for the Cuban Refugees.

An organizational march for the 1st Aviation Brigade was written by CW2 Luther Murphy. The March is called the "Golden Hawk March" and was first played for the public on 16 May 1981.

The Association of the United States Army JROTC Rifle and Drill Competition was held 26 April

The 49'er Party was held May 2-3.

#### 3rd Quarter

The Brigade Commander challenged troops to "Beat the Colonel" in a foot race run on 2 July to raise money for Army Emergency Relief. r.m.

The 509th Infantry sent 13 men to Canadian Jumpfest 6-10 August.

Hispanic-American Week was held 15-19 September.

✓ The 46th Engineer Battalion held Field Training Exercise "First Fledgling" at Fort Benning, GA 20-27 September. Fledgling

#### 4th Quarter

The 98th Army Band played in concert at Disney World 6-7 November.

Fall Sportsfest held 6-7 November with approximately 1,600 participating.

Mobilization Exercise 80 was held 6-26 November.

Aviation Policy Committee Symposium was held 30 November - 5 December.

C Troop, 1/6 Cavalry activated as Fort Rucker's only Combat Aviation Unit on 1 December.

# 1ST BATTALION

## MISSION:

Provides command, logistics, administrative, and military justice support for all assigned and attached personnel.

## ORGANIZATION:

1st Battalion, 1st Aviation Brigade, consists of the following units:

11th Company	260th Field Artillery Detachment
12th Company	98th Army Band
13th Company	141st Military Police Company
14th Company	Co C (PFDR/ABN) 509th Infantry

## KEY PERSONNEL:

<u>UNIT</u>	<u>COMMANDERS/OVERHEAD</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
a. 1st Bn	LTC LOVELESS, Kenneth D.	COMMANDER	15 Feb 80-Present
	LTC ROSSER, Terry N.	COMMANDER	8 Nov 78-15 Feb 80
	MAJ DEMARIA, Matthew A.	Executive Officer	10 Oct 80-Present
	CPT TRAVERS, Ronald E.	S3 Officer	29 Sep 80-Present
	CSM BENNETT, William P.	1st Bn CSM	21 May 79-Present
	SFC JACOBSON, David E.	PAC SUPV NCO	26 Apr 80-Present
b. 11th Co	CPT HANSEN, Henry L.	COMMANDER	12 Sep 80-Present
	CPT PAGE, Ralph E.	COMMANDER	6 Dec 79-12 Sep 80
	2LT OLDS, Calvin V.	Executive Officer	15 Sep 80-Present
	1SG HUNTER, Danny K.	First Sergeant	3 Dec 79-Present
c. 12th Co	CPT CAMPBELL, Emory G.	COMMANDER	21 Jul 80-Present
	CPT NORVELL, Lee A.	COMMANDER	12 Dec 79-21 Jul 80
	1SG PASTRE, Norman E.	First Sergeant	1 Jan 80-12 Jan 81
d. 13th Co	CPT KINZLY, Daniel L.	COMMANDER/S4 Officer	12 Dec 80-Present
	CPT LONG, Richard D.	COMMANDER	1 Aug 79-12 Dec 80
	MSG DIXON, Colvin L.	First Sergeant	26 May 80-Present
e. 14th Co	CPT DANIELSON, Jesse M.	COMMANDER	11 Apr 80-Present
	CPT DEMARIA, Matthew A.	COMMANDER	25 Jan 79-11 Apr 80
	MSG LEE, William R.	First Sergeant	2 Oct 78-Present
f. 98th Army Band	CW2 MURPHY, Luther E.	COMMANDER	25 Aug 76-Present
	MSG SELLERS, Haywood E.	First Sergeant	8 Dec 78-Present
g. 509th Infantry	CPT HOLDEN, Russell J.	COMMANDER	16 Jun 80-Present
	CPT PAYNE, Rodney M.	COMMANDER	10 Oct 79-16 Jun 80
	1LT PEELER, Mikel J.	Executive Officer	1 May 80-Present
	1LT SHAW, Robert G.	(Stu Status) Acting XO	19 Dec 80-Assigned for 90 days
	2LT LUEDTKE, Lloyd L.	Platoon Leader (On HOLD)	16 Jun 80-16 Dec 80
	MSG CRUISE, Thomas M.	First Sergeant	26 Jul 78-24 Dec 80
	SFC JONES, J.	Acting 1SG	24 Dec 80-Present
h. 260th FA Det	CPT JONES, Todd R.	COMMANDER	14 Mar 80-Present
	CPT GREEN, Frank G.	COMMANDER	16 Mar 79-14 Mar 80
	SFC CALDWELL, Joe D.	Acting First Sergeant	1 Jun 80-Present

i. 141st Military Police Company	CPT HERRINGTON, Stephen C.	COMMANDER	19 Nov 79-15 Oct 80
	CPT WOOD, Robert H.	COMMANDER	15 Oct 80-Present
	2LT KARET, Barry S.	Provost Marshal Opns Off	9 Apr 80-Present
	MSG SMITH, Ed Jr.	First Sergeant	17 Aug 80-Present

ACCOMPLISHMENTS:    1ST QUARTER

- a. 11th Co: Personnel participating in the 1st Avn Brigade Winter Sportsfest, placed 1st in the Open Class of the Weightlifting competition and 3d in the Basketball competition.
- b. 12th Co: Male and Female basketball teams placed second in respective divisions during the installation intramural competition. The wall mural in the 1st Bn Dining Facility was completed.
- c. 13th Co: Unit received laudatory comments from the IG on the billets and the unit awards program. Unit personnel finished 1st in the Men's Basketball competition and 2d in Racquetball and Women's Swimming for the 1st Avn Brigade Winter Sportsfest. Unit won division championship in intramural basketball competition and won both singles and doubles championships in intramural racquetball. SP4 Dorothy Penetone won the Battalion and Brigade Soldier of the Month for March 1980.
- d. 14th Co: The unit basketball team won the installation intramural competition. Women's basketball team won the Brigade Sportsfest competition.
- e. 260th Field Artillery Detachment: Unit fired 84 rounds of illumination and 133 rounds of high explosives in support of aviation training. Unit won 100% participation streamer in the Bde Sportsfest.
- f. Co C (PFDR/ABN) 509th Infantry: Unit sent a four man training team to the Alabama State Police Academy to train a portion of the Program of Instruction of the Special Weapons and Tactics School. Unit participated in a combined air assault rappelling demonstration for area JROTC Cadets and the 851st Quartermaster Company. A 13-man squad participated in a field training exercise at Eglin Air Force Base. The unit made the first parachute jump from a high performance aircraft at Fort Rucker, Alabama.

ACCOMPLISHMENTS:    2D QUARTER

- a. 14th Co: A Change of Command was conducted on 11 April 1980. CPT Jesse M. Danielson assumed command from CPT Matthew A. DeMaria. SGT John H. Ambrecht was the Post NCO of the Month for June 1980.
- b. 98th Army Band: The 98th Army Band participated in six orientations and seven graduations consisting of flybys, swearing-ins, graduation balls and graduations. In addition, the Band supported 22 other post commitments and five community relations events.
- c. 260th Field Artillery Detachment: Unit fired the 21-gun salute on Memorial Day and participated in the 1st Avn Brigade Change of Command. Twenty-four fire missions were fired in support of aviation training.
- d. Co C (PFDR/ABN) 509th Infantry: Unit provided security guards, drivers and an escort officer for the German American Staff Talks from 15-25 April 1980. Unit personnel taught a survival class for a Navy Reserve Unit from Montgomery and provided rappelling demonstrations for Zion Chapel High School and Scout Day at Guthrie Field. Unit trained 130 JROTC Cadets in M60, M203 firing, rappelling and patrolling. Unit conducted a mass water jump at Lake Eufaula. A Change of Command was conducted on 16 June 1980. CPT Russell J. Holden assumed command from Captain Rodney M. Payne.

ACCOMPLISHMENTS:    3D QUARTER

- a. 11th Co: Unit softball team placed fourth in the 46th Engineer Battalion Softball Tournament. A Change of Command was conducted on 12 September 1980. CPT Henry L. Hansen assumed command from CPT Ralph E. Page.

- b. 12th Co: A Change of Command was conducted on 21 July 1980. CPT Emory G. Campbell assumed command from CPT Lee A. Norvell.
- c. 13th Co: The unit conducted a 21 mile canoe trip for selected personnel as Adventure training. The unit had the highest re-enlistment rate for the 1st Battalion during the 3d Quarter. SP4 Hrcka and SGT Hawkins were the Post Soldier and NCO of the month for July 1980. PV2 Charles was the Post Soldier of the Month for September 1980.
- d. 14th Co: Unit personnel were the Post Intramural Softball Champions.
- e. 98th Army Band: The band participated in four orientations and supported six graduations consisting of flybys, swearing-ins, graduation balls and graduations. In addition, the band supported 14 post commitments and two community relations commitments.
- f. 141st Military Police Co: Unit provided crowd control for the 4th of July fireworks display. Provided security of the Commanding General's briefing on 17 July 1980. The 141st MP Co was selected as the Best Marching Unit in the September 1980 Retirement Review.
- g. 260th Field Artillery Detachment: Unit Fired the 50 gun salute to the union on the 4th of July and a 13 gun salute for MG Merryman's departure. The unit fired 611 rounds of illumination and 653 rounds of high explosive in support of aviation training. In addition, the unit conducted adventure training consisting of a canoe trip on the Blackwater River.
- h. Co C(PFDR/ABN) 509th Infantry: Unit provided a squad of troops in full combat gear to march in the Veterans Day Parade at DeFuniack Springs, Florida. Thirteen personnel participated in the Canadian Jumpfest. The unit provided rappelling demonstrations at Mobile, AL, the University of Southern Alabama and at the AUSA Picnic.

ACCOMPLISHMENTS:      4th QUARTER

- a. 11th Co: Unit won Racquetball competition in the Fall 1980 Sportsfest.
- b. 12th Co: Unit provided the installation color guard for the following events: Monthly Review, AUSA General Membership Meeting, Veteran's Day Parade in Birmingham and the National Peanut Festival.
- c. 13th Co: PFC Charles was selected Post Soldier of the Year. SGT Parker was the Post NCO of the Month for November 1980. SGT Rieker won the Heavyweight Class of the Weightlifting Competition for the Fall 1980 Sportsfest. A Change of Command was conducted on 12 December 1980. CPT Daniel L. Kinzly assumed command from CPT Richard D. Long.
- d. 14th Co: Unit football team won the American Division and finished in 3d place in the Intramural Championship.
- e. 98th Army Band: Unit participated in six flybys and swearing-ins and eight graduation balls and graduations. In addition, the band supported 15 post commitments and 7 community relations commitments.
- f. 141st Military Police Company: A Change of Command was conducted on 15 October 1980, CPT Robert H. Wood assumed command from CPT Stephen C. Herrington.
- g. 260th Field Artillery Detachment: Unit participated in the Peanut Festival Parade.
- h. Co C(PFDR/ABN) 509th Infantry: Unit marched in the Peanut Festival Parade in full combat gear. Unit provided rappelling demonstrations at Gulf Shores, AL and for the Sergeant Major of the Army. The unit supported the Light Combat Helicopter (Fast Deployment Test and Experimentation with personnel and equipment.

# 4TH BATTALION

MISSION: Exercise command and control over all assigned/attached units and elements. Provide command and staff supervision of administrative functions, physical security, limited logistical support, quarters and rations, and training of assigned personnel.

ORGANIZATION: The 4th Battalion consists of the following units:

41st Company  
42d Company  
43d Company

KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATE</u>
LTC Jerome R. Daly	Cdr, 4th Battalion	9 Nov 78 - 5 May 80
LTC James L. Higginbotham	Cdr, 4th Battalion	2 May 80 - Present
CPT Joel G. LaReau	Cdr, 41st Company	7 Apr 80 - Present
CPT Dale W. Sanders	Cdr, 42d Company	30 Nov 79 - 25 Jul 80
CPT Robert L. Poynter	Cdr, 42d Company	25 Jul 80 - Present
CPT Thomas Rini	Cdr, 43d Company	22 Jan 80 - Present
CSM Sonnie S. Bronson	CSM, 4th Battalion	5 Sep 79 - Present
1SG Grady H. Collins	1SG, 41st Company	1 Jul 79 - Present
1SG Timothy Bronson	1SG, 42d Company	4 Mar 80 - Present
1SG Lewis Rowan	1SG, 43d Company	1 Jan 80 - Present

ACCOMPLISHMENTS: 1ST QUARTER

The average student strength during this quarter was 985.

Fourth Battalion won the Female Overall competition in the Spring Sportsfest '80.

43d Company won the overall Men's Winter Sportsfest sponsored by the 1st Avn Bde. 43d Company also won the Arm Wrestling and Boxing competition and placed second in Swimming and Weightlifting. SP4 Jimmy White won the Cook of the Quarter competition. SFC George White was Department of the Army selected to attend Recruiter School.

ACCOMPLISHMENTS: 2D QUARTER

The average strength during this quarter was 750.

Fourth Battalion's Change of Command took place on 2 May 1980. LTC Jerome R. Daly turned command of 4th Battalion over to LTC James L. Higginbotham. Mrs. Joyce Grantham (4th Bn PAC) received an Outstanding Performance Rating for the period 23 Apr 79 thru 27 Apr 80.

43d Company held its 1st Annual Army Emergency Relief (AER) carnival, raising over \$700.00. Mr. Lonnie B. Jackson (43d Co, Con #4) received the Commander's Award for Civilian Service--the third highest Department of the Army Civilian award--on 19 Jun 80.

ACCOMPLISHMENTS: 3D QUARTER

The average student strength for the Battalion during this quarter was 601.

The 41st Company achieved 100% participation during the "Beat the Colonel" AER Fun Run, 2 Jul 80. Also, PFC Sabrina D. Holbrook was selected Trainee of the Month for July and PVT Elbert L. Grayson was selected Trainee of the Month for September.

SFC Johnny R. Stewart (42d Co) received the Humanitarian Service Medal and SFC Edgar Harrington received the Army Commendation Medal (ARCOM) 3d award, 23 Sep 80.

SFC Culliver (43d Co) received the Meritorious Service Medal (MSM) upon his departure.

ACCOMPLISHMENTS: 4TH QUARTER

The average student strength during this quarter was 786.

Private Mark W. Peters was selected Trainee of the Month for October, Private Rose M. Ford was selected Trainee of the Month for November, and Private Robert K. Stevens was selected Trainee of the Month for December, all were assigned to 41st Company. The 41st Company women received the Overall Sportsfest Award in the November Sportsfest activities. The company also was presented 9 Sportsfest streamers to include the Sportsfest Enthusiasm Award by the Brigade Commander. SSG Terry Wall of 41st Company received the ARCOM 11 Dec 80.

SSG James Holbrook (42d Company) received an ARCOM on 25 Nov 80 and won NCO of the month for December 1980.

SP4 VonBusch and SP4 Heredeen (43d Co) received a Department of the Army Certificate of Achievement. SP5 White (43d Co) received the Cook of the Quarter Award. SSG Richardson (43d Co) received the Department of the Army Certificate of Achievement and USAAVNC Certificate of Achievement. SSG Martinez (43d Co) received the USAAVNC Certificate of Achievement.

# 6TH BATTALION

## MISSION:

Exercises command over, 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 and the Brigade Commander on matters pertaining to the activities of Officer, Warrant 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. Maintains a program for full social development within the military environment by organizing, coordinating, and participating in Officer, Warrant Officer, Warrant Officer Candidates and Allied Military social events. These social events are related to, and integrated with, the overall flight training program. Organizes, coordinates, and participates in specific programs of physical conditioning and a broad program of participative sports, emphasizing maximum student involvement in intramural and intra-brigade competition.

## ORGANIZATION:

The 6th Battalion is organized as follows:

- 60th Warrant Officer Candidate Company
- 61st Warrant Officer Candidate Company
- 62nd Warrant Officer Candidate Company
- 63rd Officer/Warrant Officer Student Company
- 64th Officer Student Company
- Allied Military Training Division

## KEY PERSONNEL:

LTC ERKINS, MOSES	Cdr, 6th Battalion	19 Sep 80 - Present
LTC SCOTT, JAMES A. III	Cdr, 6th Battalion	19 Dec 79 - 19 Sep 80
MAJ CLELAND, ROBERT J.	XO, 6th Battalion	17 Jul 80 - Present
MAJ ATWELL, ROBERT C.	XO, 6th Battalion	10 Oct 79 - 17 Jul 80
MAJ STRICKLAND, ROBERT S.	Chief, Allied Military Training Division	15 May 79 - Present
CPT(P) HETHCOX, RICHARD	Cdr, 60th Company	15 Feb 80 - Present
CPT GARDNER, ALAN M.	Cdr, 60th Company	16 Jul 79 - 15 Feb 80
CPT SIMMONS, HOLLIS E.	Cdr, 61st Company	17 Jun 80 - Present
CPT LUCIA, ARTHUR C.	Cdr, 61st Company	9 Oct 79 - 17 Jun 80
CPT TILLMAN, JAMES A.	Cdr, 62nd Company	14 Aug 80 - Present
CPT LYNCH, TIMOTHY R.	Cdr, 62nd Company	22 Jun 79 - 14 Aug 80
CPT MATTHEWSON, ALPHONSO E. JR.	Cdr, 63rd Company	9 Jul 80 - Present
CPT DAVIS, LARRY W.	Cdr, 63rd Company	9 Oct 79 - 9 Jul 80
CPT PYATT, CHARLES E.	Cdr, 64th Company	14 Dec 80 - Present
CPT FITZGERGALD, ALBERT	Cdr, 64th Company	6 Jul 79 - 14 Dec 80
1LT JETER, DWAYNE O.	XO, 64th Company	24 Sep 79 - Present
CSM MILLER, ALONZO C.	CSM, 6th Battalion	28 Oct 77 - Present
1SG COBB, RALEIGH E.	1SG, 60th Company	22 Jun 79 - Present
1SG ADAIR, BRITT	1SG, 61st Company	19 Jul 79 - Present
1SG TRAYLOR, JOHN P.	1SG, 62nd Company	15 Dec 79 - Present

#### ACCOMPLISHMENTS:

The 6th Battalion Headquarters and the Personnel Administration Center was relocated from buildings 6610/6612 to building 5709. Building 5709 was totally reconstructed to be utilized as the Battalion Headquarters and the Personnel Administration Center. On 19 September 1980, the 6th Battalion conducted a change of command ceremony with LTC James A. Scott III relinquishing command to LTC Moses Erkins. A Noncommissioned Officer Development Program was implemented by this unit. Specific accomplishments of each company are addressed separately.

#### 60th Warrant Officer Candidate Company

##### MISSION:

To identify and develop from a select group of enlisted personnel the necessary traits of leadership, both mental and physical stamina and develop a sense of moral values in these candidates that will eventually qualify them to become Aviation Warrant Officers.

##### ACCOMPLISHMENTS:

The 60th Company successfully passed the Annual General Inspection conducted on 28 March 1980. Numerous improvements to the company area and facilities were made through the self-help program. A new classroom and cadre offices were constructed to accommodate the significant increase in the number of candidates and necessary staff. Sidewalks, drainage ditches, a playground adjacent to the candidate's lounge, sundeck and large barbecue pit were also constructed through the self-help program. The 60th Company established a record for the largest donation in the company's history of \$1,038.00 to the Combined Federal Campaign. CW3 Rickenbacker, the Senior Training, Advising, and Counseling Officer for 60th Company was recognized at the Atlanta Convention as the AAAA Army Aviator of the Year. The unit demonstrated strong support of physical training programs through participation in the 1st Brigade "Beat the Commander" run, placing second in the Post Sportsfest and winning many events. On 15 February 1980, CPT Richard E. Hethcox assumed command of 60th Company from CPT Alan M. Gardner.

#### 61st Warrant Officer Candidate Company

##### MISSION:

To provide command, administration, logistical support and military justice for all assigned personnel to include a complete military development training program for all Warrant Officer Rotary Wing Aviator Classes in Phase II of flight training.

##### ACCOMPLISHMENTS:

The 61st Company successfully passed the Annual General Inspection conducted on 5 February 1980. On 11 February 1980, 61st Company assumed the responsibility of the Primary Phase of flight training from 62nd Company. The Secretary of the Army, Honorable Clifford Alexander, visited Hooper Stagefield and observed Class 80-13 during flight training. Several improvements to the company area were made to include a guidon stand, TH-55 monument stand and murals in the day-room. Also numerous civilian community projects were completed. The Boy Scout Hut in Daleville and Camp Alaflo in Enterprise were renovated resulting in Letters of Appreciation from those city officials. Work was also completed on a park in Level Plains also generating a Letter of Appreciation. Class 81-3 was inducted into the Enterprise Jaycees. On 17 June 1980 a Change of Command ceremony was held with CPT Hollis E. Simmons assuming command from CPT Arthur C. Lucia.

62nd Warrant Officer Candidate Company

MISSION:

To provide command, administration, logistical support and military justice for all assigned personnel to include a complete military development training program for all Warrant Officer Rotary Wing Aviation Classes in the junior and senior phases of training.

ACCOMPLISHMENTS:

On 11 February 1980, 62nd Company relinquished the responsibility of the Primary Phase of flight training to 61st Company and became responsible for all Junior/Senior Warrant Officer Candidate training. The company was also relocated from building 5909 to 5910. The 62nd Company hosted the grand opening of the new wing in the WOC Hall of Fame. During the year 618 candidates graduated as aviation warrant officers. On 14 August 1980, a change of command ceremony was held with CPT Timothy R. Lynch relinquishing command to CPT James A. Tillman.

63rd Officer/Warrant Officer Student Company

MISSION:

To command, provide administrative and operational support to all assigned student officers to include both Warrant and Commissioned.

ACCOMPLISHMENTS:

The 63rd Company graduated a total of 2876 students from 27 different courses during the year. The 63rd Company held a change of command ceremony on 9 July 1980 with CPT Alphonso E. Matthewson, Jr. assuming command from CPT Larry W. Davis.

64th Officer Student Company

MISSION:

To command, provide both administrative and logistical support for all student officers in the Initial Entry Rotary Wing Aviator (IERW) Course, and all assigned permanent party personnel.

ACCOMPLISHMENTS:

Mrs. Mary F. Norman, Department of Army Civilian (DAC) Secretary, received the Commanders Award for Civilian Service and Twenty-Five Year Service Pin, during a Valentine's Day Luncheon hosted by Colonel (P) John C. Bahnsen, Commander, 1st Aviation Brigade. The 64th Company won the Men's swimming competition in the Brigade Winter Sportsfest. In addition, members of the company took first place in the long jump, discus and high jump competition. The 64th Company Commander and PAC supervisor (CPT Charles E. Pyatt and SSG Duane C. Sabens) took fifth place in the Brigade Right Hand Man Competition. Fifty-One cadets from the United States Military Academy at West Point reported for summer training from 7 July 1980 to 1 August 1980. The 64th Company conducted a summer softball tournament with the winning class being ORWAC 80-32. The 64th Company also took first place in the overall Sportsfest Male Category. This unit graduated 670 students from the flight program in the 1980 calendar year.

## ***ALLIED MILITARY TRAINING DIVISION***

### MISSION:

The Allied Military Training Division (AMTD) is responsible for all matters pertaining to all Allied Students at the United States Army Aviation Center, with the exception of their academic/flight instructions.

### ACCOMPLISHMENTS:

The average foreign student strength for 1st Quarter was 68. Thirty-two students graduated and 2 were eliminated. On 4 - 6 April 1980, AMTD conducted a tour to Atlanta, Georgia. The average foreign student strength for 2nd Quarter was 80. Forty-three students graduated and 2 were eliminated. The average foreign student strength for 3rd Quarter was 75. Forty-five students graduated and one was eliminated. On 15 - 17 August 1980, AMTD conducted a Department of Defense informational tour to Charleston, South Carolina. On 3 October 1980, a tour to the Bonifay Rodeo was conducted. The average foreign student strength for 4th Quarter was 75. Forty-seven students graduated and none eliminated. A tour to New Orleans was conducted 28 November - 1 December 1980. AMTD students competed as a team in the Post Soccer intramurals. The team of foreign students emerged victoriously and received top honors, winning many trophies and entitled "Installation Champions".

# 46TH ENGINEER BATTALION (COMBAT) (HEAVY)

## MISSION:

Engineer Units: Construct and rehabilitate roads, airfields, pipeline systems, structures, and utilities for the Army and Air Force; and assist in emergency recovery operations. Increase the combat effectiveness of division, corps, and theater Army forces by means of engineer combat support and general engineer work. Perform infantry combat missions when required.

Attached Units: Provide refueling and storage capability of US Army contingency missions. Provide motor transportation of bulk petroleum products. Provide ground evacuation and medical support. Provide balanced and flexible EOD (Explosive Ordnance) support. Provide fire fighting crash rescue assistance.

Fort Rucker Support: Maintain combat readiness of STRAF (US Strategic Army Forces) and REFORGER (Return of Force to Germany) units; provide engineer troop construction and maintenance support for Fort Rucker; provide line hauling and refueling at Stagefields; provide general support for U.S. Army Aviation Center training activities; support contingency requirements; conduct parades, ceremonies, and funerals as directed.

## ORGANIZATION:

The 46th Engineer Battalion (Combat) (Heavy (CBT)(HVY) consists of the following units:

Headquarters and Headquarters Company (HHC)  
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)  
123d Explosive 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	14 Dec 79 - Present
CPT James D. Wisenbaker	Headquarters Company Commander	15 Dec 80 - Present
CPT Robert S. Christensen	Headquarters Company Commander	14 Dec 79 - 15 Dec 80
CPT Jonathan E. Holtz	A Company Commander	4 Apr 80 - Present
CPT James D. Matlock	A Company Commander	25 Mar 79 - 4 Apr 80
CPT Edwin P. Janasky	B Company Commander	18 Jan 80 - Present
1LT Stephen Butler	B Company Commander	8 Dec 78 - 18 Jan 80
CPT Jerald A. Jones	C Company Commander	25 Jan 80 - Present
CPT Scott B Cottrell	C Company Commander	18 Aug 78 - 25 Jan 80
CPT Elmo G. Burton	108th QM Commander	19 Sep 80 - Present
CPT James F. Johnson III	108th QM Commander	12 Apr 79 - 19 Sep 80
CPT (P) Jan E. Payne	416th Trans Commander	1 Dec 79 - Present
CPT Herman L. Gwynn	427th Med Co Commander	18 Apr 80 - Present
CPT Houston Killgore	427th Med Co Commander	7 Dec 79 - 18 Apr 80

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CSM John T. McInnis	Battalion CSM	23 Jul 80 - Present
CSM Clayton L. McKelvie	Battalion CSM	16 May - 23 Jul 80
1SG Charlie Dyson	B Company First Sergeant	5 May 80 - Present
1SG Richard L. Ramirez	B Company First Sergeant	1 Jan 80 - 5 May 80
1SG Charlies E. Rainer	C Company First Sergeant	4 Jun 79 - Present
1SG Larry Vincent	108th QM First Sergeant	16 Jul 79 - Present
1SG Cecil Marshall	416th Trans First Sergeant	10 Sep 80 - Present
1SG Quitman Cobb Jr.	416th Trans First Sergeant	24 Apr 79 - 5 Feb 80
1SG Clarence M Bozeman	427th Med Co First Sergeant	4 Nov 80 - Present
SFC Travis T. Turner	HQ First Sergeant	24 Sep 70 - Present
SFC Fred Scott	A Co First Sergeant	21 Sep 79 - Present
SFC Kenneth Rhea	416th Trans First Sergeant	5 Feb 80 - 10 Sep 80
SFC Myers	427th Med Co First Sergeant	16 Jan 80 - 4 Nov 80
SFC B. J. Clark	427th Med Co First Sergeant	3 Dec 79 - 16 Jan 80

#### ACCOMPLISHMENTS: 1ST QUARTER

The Parcours Pond project was completed in January. Renovation of the Lake Cottages were 95% complete in March. In February, the 108th QM and 416th Trans Companies underwent Post Level EDREs (Emergency Deployment Readiness Exercises) which fully tested the capability of Post and the 46th Engineer Battalion to support a full scale EDRE.

#### ACCOMPLISHMENTS: 2ND QUARTER

The 46th Engineer Battalion began and ended the quarter with outstanding, back-to-back achievements. The Castle Kitchen won Best Mess of the Quarter both times. MG Merryman presented the award. The entire battalion wound up a series of EDREs by passing the XVIII Airborne Corps Exercise 28-30 Apr 80 with flying colors. The entire battalion was commended by the inspectors for the outstanding way the 108th QM Co and the 416th Trans Co were prepared and deployed. C Co conducted an "SQT Olympics" (Skill Qualification Test), an innovative approach that integrated training and testing. To cap this training the battalion conducted its own ARTEP (Army Training and Evaluation Program) exercise on 19 Jun 80 in which they passed an impressive 94% of level 1 and 2 tasks.

The battalion's construction effort resulted in such additions to the post as the housing area Garden Plots, the Sports Complex and completion of the Lake Tholocco Cottage renovation. This was topped, however, by the monumental refugee relief project at Fort Chaffee, Arkansas. Twenty-four hours after notification, the 46th Engineer Battalion (-) picked up stakes and moved to Fort Chaffee. Working 2 and 3 shifts, 24 hours a day, the 46th completed in 3 working days what had been projected to take 20. For this the battalion was commended by the FORSCOM Commander (US Army Forces Command).

#### ACCOMPLISHMENTS: 3RD QUARTER

A highly successful FTX (Field Training Exercise) was conducted at Ft Benning Sep 20-27; moved the battalion all the way to Ft Benning; established tactical bivouac in areas T-1 thru T-5; conducted marksmanship training on M2 (.50 cal) MG (machine gun), M-60 (7.6mm) MG, 90mm rifle, M18A1 (claymore) mine, and qualified battalion with M16A1; conducted training in rappelling, (both hillside and helicopter); built teamwork with leadership reaction course and slide for life logwalk; built NBC (Nuclear, Biological, Chemical) proficiency with series of night assaults using CS gas (tear gas); and conducted platoon live fire exercise. B Co worked on projects at TAC (Tactical) sites and TVORs (Terminal VHF Omnidirectional Range). HHC conducted two NBC training days. 416th Trans Co and 108th QM Co participated in Bold Eagle joint training exercise at Ft Polk, LA.

#### ACCOMPLISHMENTS: 4TH QUARTER

In October and November C Company undertook difficult Farrel Road Culvert project, in spite of floods, underground springs, etc. Operation Santa Claus was successful in collecting and distributing over 18,000 toys to 27 local communities.

## **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 organizations 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 approximately 300 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 strengths were 298 military and civilian personnel (27 officers, 12 warrant officers, 164 enlisted personnel, and 95 DACs).

## KEY PERSONNEL:

Key personnel assignments during the year were:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL William E. Crouch, Jr.	Commander	17 Jul 77 - Present
Dr. James S. Kishi	Technical Director	6 Feb 73 - Present
MAJ Colon J. Keel, Jr.	Adjutant	14 Aug 78 - Present
SGM John T. Pate	Sergeant Major	1 Sep 80 - Present
SGM John H. Baker	Sergeant Major	15 Nov 76 - 1 Sep 80
LTC William H. Schwend	Deputy Commander for Test	3 May 79 - Present
MAJ Ronald N. Williams	Chief, Test Programs Div	15 May 80 - Present
MAJ James R. Hefner	Chief, Test Programs Div	15 Dec 77 - 14 May 80
MAJ Walter J. Lash II	Chief, Acft Test Div	17 Dec 79 - Present
MAJ George Magrath, Jr.	Chief, Sys Test Div	15 May 80 - Present
MAJ Ronald N. Williams	Chief, Sys Test Div	17 Dec 79 - 14 May 80
LTC Billy W. Taylor	Chief, AAH Test Project	15 Dec 75 - Present
Mr. Virgil R. Rogers, Jr.	Chief, Data Support Div	14 Nov 76 - Present
MAJ Thomas L. Krantz	Chief, Test Support and Logistics Division	6 Jul 80 - Present
LTC Louis A. McAdams	Chief, Test Support and Logistics Division	15 Jun 77 - 5 Jul 80
CPT Robert L. Oates	Commanding Officer, Headquarters Company	7 Apr 80 - Present
CPT Randall G. Oliver	Commanding Officer, Headquarters Company	3 Apr 78 - 6 Apr 80
1SG Garland K. Offutt	First Sergeant, Headquarters Company	9 Oct 80 - Present
1SG Wayne A. Dorman	First Sergeant, Headquarters Company	15 Nov 79 - 8 Oct 80

## ***DEPUTY COMMANDER FOR TEST TEST PROGRAMS DIVISION***

### ACCOMPLISHMENTS:

During CY 1980, the Activity averaged 96 projects in the planning, testing, and reporting phases. Sixty-three new projects were initiated and eighty-two projects were completed. Testing was accomplished at Eglin Air Force Base, Florida; Fort Greely, Alaska; Yuma Proving Ground, Arizona; Fort Bliss, Texas; China Lake, California; Nellis Air Force Base, Nevada; Fort Bragg, North Carolina; Fort Campbell, Kentucky; Stratford, Connecticut; White Sands Missile Range, New Mexico; and Fort Rucker, Alabama.

There were 10,345 flight hours flown in accomplishment of our test program during 1980.

### MAJOR AIRCRAFT SYSTEMS (1980):

During the year USAAVNDA conducted UH-60A (BLACK HAWK) tests in the Arctic at Fort Greely, Alaska, during which RAM data were collected on all flights. At Fort Rucker, the 1,200-hour RAM program was completed with the first Periodic Inspection (PE) accomplished by military personnel. Several mission flexibility kits were also tested on the UH-60A.

The Activity supported the Advance Attack Helicopter (AAH) development tests at Yuma Proving Ground with project officers, pilots, engineers, and data collectors during CY 80.

The Activity conducted the CH-47D Development Tests (DT) II throughout 1980 and began a RAM maturity program at mid-year.

### AIRCRAFT ENGINES:

The T55-L712 engine program, which began in August 1978, continued through CY 80. It is a product improvement of the T55-L11 engines. The program called for 1,200 flight hours on each of four engines. This was accomplished; and the engines are now being flown to a goal of 2,400

hours before overhaul, while evaluating problems that might affect the CH-47D program.

AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (1980):

Major ASE programs during CY 80 were:

- a. OV-1 IR Suppressor.
- b. AN/ALQ-147 A(V)1&2 IR Jammer,
- c. AN/ALQ-156 Missile Approach Detector.
- d. AN/ALQ-136 Radar Jammer.
- e. AN/APR-39 Radar Warning Receiver.
- f. XM-130 Chaff/Flare Dispenser.
- g. AH-1 Hot Metal Plus Plum Suppressor.
- h. AN/ALQ-169 Optical Warning Location - Detector (OWL-D).
- i. AN/AVR-2 Laser Warning Receiver.

***DEPUTY COMMANDER FOR TEST  
AIRCRAFT TEST DIVISION***

ACCOMPLISHMENTS:

The Aircraft Test Division completed 34 projects during 1980. Seven test plans, 44 test reports, and 200 progress reports were published.

Some of the significant tests and areas requiring major resources during the year were:

UH-60A (BLACK HAWK) Helicopter:

- Reliability, Availability, Maintainability, and Durability (RAM-D) Testing.
- Prototype Qualification Testing of Mission Flexibility Kits.
- Arctic Winter Environmental Testing.

CH-47( ) (CHINOOK) Helicopter:

- Prototype Qualification Testing of YCH-47D Helicopter.
- RAM Growth/Maturity Testing of YCH-47D Helicopter.
- Product Improvement Testing of CH-47( ) Helicopter Components.

UH-1( )/AH-1( ) Helicopters:

- Product Improvement Testing of UH-1( )/AH-1( ) Helicopter Components.

OH-58C Helicopter:

- Verification Testing.
- RAM/Log Testing.

Other:

- Advanced Development Testing of Container Lift Adapter for Cargo Helicopters.
- 2B38 Synthetic Flight Trainer System.

## **DEPUTY COMMANDER FOR TEST SYSTEMS TEST DIVISION**

### ACCOMPLISHMENTS:

The Systems Test Division completed 15 projects and published a total of 14 test plans and 13 test reports during the 1980 calendar year. Many of these projects were sponsored by the Aircraft Survivability Equipment (ASE) Project Manager, St. Louis, Missouri. With the increase in ASE equipment in the Army inventory, various ASE training aids/devices are being developed and tested. Examples include a Tactical Radar Threat Generator (TRIG) and an Interim Training Device for the AN/APR-39(V)1 Radar Warning Receiver (RWR). The TRIG provides radio frequency signals representative to enemy short range threats to Army aircraft. The Interim Training Device is intended to enhance Army aviator training in the use of the AN/APR-39(V)1 RWR.

In addition to ASE projects under development, the use of night vision goggles (NVG) by Army aviators has also added to the Division's list of projects being tested. Because of limitations imposed when flying with NVG, additional programs have been initiated to overcome glare, improve training, and determine compatibility with existing systems and subsystems. NVG related projects include Improved Lighting Systems for Army Aircraft, Variable Density Daylight Training Filters, and the Aviator Night Vision Imagery System (ANVIS), which will be tested in the near future.

## **QUALITY ASSURANCE AND REVIEW OFFICE**

### ACCOMPLISHMENTS:

In August 1980 the USAAVNDDTA let a one-year contract to the Essex Corporation, Alexandria, Virginia, to provide Human Factors Engineering Support for the Activity. The contract calls for three manyears of effort over a one-year period with two optional years.

In December 1980 the office completed a Market Survey Program for Self-Propelled Crane Maintenance and Positioning (SCAMP). This program was a survey of the private sector of industry to determine if there was an off-the-shelf crane that could meet the Army's specifications. The market survey represented the first time the Activity had conducted such a program; however, it is anticipated that similar programs will be conducted in the future.

# US ARMY SAFETY CENTER

## MISSION:

Within the scope of AR 385-10, the US Army Safety Center (USASC) will support 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 SFWOJ7AA. Authorized strength is 162 military and civilian personnel including 37 officers, eight warrant officers, 17 enlisted personnel, and 100 Civil Service employees. In addition to the above, three Reserve component (Army National Guard) officers are assigned. The Safety Center is organized internally as follows:

- Office of the Commander
- The Administrative Division
- The Communication Arts Division
- The Management Information Systems Division
- Directorate for Aviation Systems Management
- Directorate for General Safety
- Directorate for Investigation, Analysis, and Research
- Directorate for Education and Evaluation

## KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Edward E. Waldron II	Commander	(All Year)
COL Joel J. Mikuta	Deputy Commander	(All Year)
COL Langley J. Chavis	Dir of Avn Sys Mgt	3 Jan 80 to Present
COL Francisco Trevino, Jr.	Dir of Invest, Anal & Rsch	(All Year)
LTC(P) Norman N. Ferguson	Dir of Educ & Eval	30 Dec 80 to Present
COL J. Samuel Griffith	Flight Surgeon	(All Year)
MAJ Joe A. Cole	Legal Officer	(All Year)
SGM Fred Brown III	Sergeant Major	(All Year)
Mr. William Brooks	Acting Dir of Gen Saf	(All Year)
Mr. Harold M. Myers, Jr.	Ch of Mgt Info Sys Div	(All Year)
Mr. William E. Carter	Ch of Comm Arts Div	(All Year)

## ACCOMPLISHMENTS:

### TRAINING:

Program of Instruction: During FY 80, the following courses were conducted:

Aviation Safety Officer Course (ASOC) - An 8-week resident aviation mishap prevention course with emphasis on technology, aviation medicine, psychology, management, communications, reporting

and investigation. Active Army and Reserve component commissioned officers and warrant officers and DA Civilians may attend. Officers and warrant officers are awarded an Additional Skill Identifier (ASI) for aviation safety. The ASOC was presented four times in 1980. There were 120 graduates.

Aviation Mishap Prevention Management Course (AMPMC) - A 2-week resident course on mishap prevention concepts and programs, with emphasis on preaccident planning, airfield surveys, investigation, human factors, and aircraft design and performance. The course is also available in one or two-week mobile training form. Active Army and Reserve component enlisted personnel in grades E6 through E9 in aviation-related MOSs may attend the course. Graduates are awarded the ASI A2. DA Civilians, GS7 through GS10, and Army contract maintenance supervisors may also attend. In 1980, the AMPMC was presented six times in residence and four times at various locations worldwide (Ft Campbell, KY/Hawaii/Alaska/Ft Hood, TX). There were 316 graduates.

Aviation Mishap Prevention Course (AMPC) - A 2-week resident course on fundamentals and techniques inherent in the daily performance of the aviation safety officer's job. It is also presented as a one-week mobile training course at various locations worldwide. The course examines man, machine, and environment factors bearing upon safety in aviation operations, planning, and supervision. Active Army and Reserve component commissioned and warrant officers, DA Civilians and contract maintenance civilians may attend. Five presentations (resident only) of the AMPC were made in 1980. There were 150 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 who are involved in safety-related activities on a full or part-time basis in positions at intermediate levels of command. The course is also available in a one-week mobile training form. The course was presented twice in residence and three times onsite in CONUS, Hawaii, and Korea during 1980. There were 153 graduates.

Army Safety Program Management Course (ASPMC) - A 2-week resident course designed to provide safety training emphasizing advanced safety management and staff techniques to Army civilian and military personnel engaged in full-time safety management or key safety-related duties of considerable responsibility and scope. A one-week mobile training course is also available. Presentations were made twice in residence and three times onsite in CONUS, Hawaii and Korea in 1980. There were 172 graduates.

Range Safety Course (RSC) - A 2-week resident course designed to provide training which emphasizes the safety aspects of ranges and range operations for full-time safety careerists and military personnel having responsibility for developing, enforcing, approving, or advising on such matters. The course is also available in a one-week mobile training form. Presentations were made twice in residence and three onsite in Germany, Hawaii, and Korea. There were 149 graduates.

Special Educational Presentations - Safety instruction was conducted for Active/Reserve component units/personnel and select civilian agencies at various installations and geographical locations. Instruction was also conducted in support of the following courses conducted in-house by other TRADOC schools/activities: Aviation Commander's Readiness Course (120 graduates), Warrant Officer Senior Course (175 graduates), Aviation Warrant Officer Advanced Course (160 graduates), Initial Entry Rotary Wing Course (1500 graduates), and the Flight Surgeon's Course (60 graduates). Attendees at these courses totaled 2015.

#### SUMMARY OF ATTENDEES:

Total Students: 2955

Other Service Students: Los Angeles Police Department (1)

International Students: Korea (2), Australia (1), Pakistan (2), Kenya (1)

Non-CONUS Area Visited: Germany, Hawaii, Korea, and Alaska

Education Credit Evaluation: The Office on Educational Credit and Credentials, American Council on Education, again granted various semester hour credits for resident courses conducted by the

US Army Safety Center. Action was reaffirmed 13 Dec 80 at the annual conference of American Council on Education for an additional period of five years. Breakdown of credits by course and educational level is as follows:

Army Safety Program Management, 7K-F9, two weeks, August 1977.

Upper-division Baccalaureate: Two semester hours in industrial safety management.

U.S. Army Aviation Safety Officer, 7K-F12, 8 weeks, March 1977.

Upper-division Baccalaureate: Four semester hours in aviation safety.

Graduate: Three semester hours in aviation mishap investigation.

Aviation Mishap Prevention Management Course, 7K-F13, two weeks, August 1977.

Lower-division Baccalaureate/Associate Degree: Two semester hours in aviation safety and mishap investigation.

Aviation Mishap Prevention, 7K-F14, two weeks, April 1977.

Lower-division Baccalaureate/Associate Degree: One semester hour in aviation safety and accident investigation.

Aviation Mishap Prevention Surveys. During 1980, students in the ASO Course conducted mishap prevention surveys at four installations. The purpose of the surveys was to provide ASO students a realistic environment for the application of accident prevention principles learned in the classroom, to provide onsite commanders with mishap prevention feedback for use at their discretion, and to provide the US Army Safety Center with an evaluation tool for measuring accomplishment of course objectives. Visits were made to Indiantown Gap, PA; Ft Bragg, NC; Ft Ord, CA; and Davison AAF, Ft Belvoir, VA.

Safety Assistance and Field Evaluations (SAFE). With the continued redirection of assets to the Centralized Mishap Investigation (CMI) concept, the SAFE program remained as a "by request only" service. During 1980, SAFE teams provided evaluations for the Nevada NG, Vermont NG, and Fort Polk, LA.

Safety Information Bank (SIB). USASC operated a safety information bank consisting of staff actions, promotional materials, and other actions collected from field units for distribution to Army safety managers. Over 2000 items were provided to the field during 1980.

#### GENERAL SAFETY:

Participation in MACOM Safety Program Assistance Visit. The USASC General Safety Directorate assisted HQDA in conducting a safety program assistance visit to a major Army command (MACOM). The team reviewed the safety program of the command and one subordinate installation and unit. The visit provided an overall picture of management, coordination, accident prevention effort, and program results at the three command levels and identified safety program management areas that required emphasis.

Development of Army Safety Policy. A DA Pam 385-6, Playing It Safe in the Water, was fielded. DA Pam 385-1, Unit Safety Management, and DA Pam 385-2, Safety in Field Training Exercises, were developed for publication and use by field commanders to assist them in their unit accident prevention efforts.

Safety Promotion Kits. An Army motor vehicle safety promotion and support kit was produced and made available to the field for use in accident prevention programs. It consisted of material on driver training, special vehicle training programs (GOER and Gamma Goat), and four sets of three Army motor vehicle safety posters. A similar kit was produced and distributed for privately owned vehicle accident prevention and contained a number of proven POV accident prevention measures.

Support for COUNTERMEASURE and SHARE Newsletter Publications. General Safety articles were developed covering major areas of accident producing operations and listing countermeasure actions

in both the COUNTERMEASURE monthly safety periodical and the SHARE newsletter distributed to Army Safety Directors.

Participation in the Development of a Model POV Driving Skills Testing Program. USASC participated in the development of a Model POV Advanced Driver Training and Testing Program designed to enhance driver reactions and responses in unavoidable vehicle emergency maneuver situations.

Major General Safety Studies. Several general safety studies were conducted to provide information to the field or to enhance command safety programs. Major studies consisted of: The System Safety Study and Charter, Ten Ton Tractor Transmission Failure, Property Damage Threshold, Driver Training Improvement, Recreational Safety Model Installation Safety Program, Track Vehicle Fire, Daylight Use of Headlights on Motorcycles, and Head Injuries During Training.

Analyses of Accident Producing Safety Problem Areas. Analyses were conducted for field commanders to provide them accident countermeasure actions and safety program improvements. Information developed was distributed to the field and used in resident Army safety courses of instruction. Major areas of analyses were: Troop formation accident causes, falls from windows and ledges, bus and truck accidents caused by failure or malfunction of wheel split rims, US Army Materiel Development and Readiness Command military injuries, accidents in Test and Evaluation Command, US Army Communications Command, Eighth US Army, 1st Armored Division, and survey of relations between Army safety and preventive medicine offices.

New Accident Reporting System. USASC developed safety staff and unit accident reporting training informational packages which simplify and improve the preparation of the new DA Form 285 and 285-1 reports. The packages were designed to assist commanders in training their staff and units to use the forms properly.

Quarterly Reviews and Analyses of Accident Experience. USASC presented four quarterly, two semi-annual, and one annual review and analysis of Army accident experience to senior safety officials on the DA staff and in the Office of the Assistant Secretary of the Army (IL&FM).

Analysis of FY 79 Army Motor Vehicle Accidents. Army motor vehicle (AMV) accidents were the most frequent type of accident reported in fiscal year 79. Driver error was involved in most (71%) of the accidents. The accidents were divided almost equally between commercial/administrative (45%) and tactical (51%) vehicles. However, accidents involving tactical vehicles were much more severe in terms of injuries and cost. Separate analyses of tactical vehicles making the largest contribution to AMV accidents were presented in this report.

Review of Army Ground Accidents. A report on the analysis of FY 79 Army ground accidents was prepared. The analysis found that five operational accidents (Army motor vehicle, on the job injuries, maneuvers/field training injuries, tracked vehicle accidents and fires) accounted for 65% of all accidents, 19% of the fatalities, 51% of the disabling injuries and 48% of the cost of FY 79 ground accidents. Separate analyses of each of these operational accidents was presented.

AR 385-40 Revision. USASC, as action proponent, revised AR 385-40, Accident Reporting and Records. The new revision was published 1 September 1980.

Distinguished Visitors. During 1980, USASC was visited by 18 distinguished visitors from within the Department of the Army (DA) and Department of Defense (DOD), in addition to numerous other visitors.

#### AVIATION:

Safety Presentations. The Commander, USASC, participated in and presented briefings on aviation safety at eight 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.

Joint Services Aviation Safety Conference (JSASC). USASC participated in the nineteenth Joint Services Aviation Safety Conference hosted by the US Air Force at the Air Force Academy, Colorado Springs, Colorado, in August 1980. 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

JSASC 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 agreed to expand the scope of the JSASC to encompass general safety.

NATO Flight Safety Working Party Meeting (FSWP). The US Army was represented by USASC at the eighteenth meeting of the NATO Flight Safety Working Party held in Villacoublay Air Base, France, 13-16 May 1980. Military and civilian aviation safety specialists from all NATO member countries attended. The FSWP is the forum by which Aviation Standardization NATO Agreements (STANAGs) for flight safety are established. The nineteenth meeting will be held in Brussels, Belgium in 1981. Hosting responsibilities rotate among the members and are on a volunteer basis.

Memorandum of Agreement (MOA). The interrelationship between the US Army Troop Support and Aviation Materiel Readiness Command (TSARCOM) and USASC was reformed by an updated MOA signed on 24 December 1980. The purpose of the agreement is to facilitate the identification, prioritization, and resolution of maintenance/materiel problems involving aircraft safety. Key elements of the agreement are exchange of usage, malfunction and mishap data, participation of the appropriate USASC System Manager in the TSARCOM Readiness Project Officer (RPO) Team functions, and participation of the USASC Director of Aviation Systems Management in the TSARCOM Aircraft System Safety of Flight Review Committee (TASSFRC).

Joint Training Exercise Participation. During 1980, the US Army Safety Center provided a team of safety observers to three US Readiness Command sponsored joint readiness exercises and two special operations conducted by elements of the rapid deployment force. The major joint exercises were:

Empire Glacier 80	January 1980	Fort Drum, NY
Gallant Eagle 80	March-April 1980	Fort Irwin, CA
Brave Shield 80	August 1980	Fort Polk, LA

During 1981, the Safety Center is scheduled to participate in the following exercises:

Brim Frost 81	January-February 1981	Alaska
Border Star 81	March-April 1981	Fort Bliss, TX
Bold Star 81	August 1981	Location Undetermined
Brave Shield 81	Date Undetermined	Eglin AFB, FL

Wire Strike Protection System (WSPS). During 1980, approval was gained for purchase and installation of WSPS on OH-58 and UH-1 aircraft. The system produced by Bristol Aerospace, LTD., of Canada, is scheduled to be installed on the OH-58 beginning in March 1981 followed by installation on the UH-1 within six months. However, funding limitations may defer this schedule. A feasibility study is being conducted by Bell Helicopter Textron (BHT) to determine the appropriate design and feasibility of installation on the AH-1S. Active participants in the feasibility study and design review include USASC, US Army Aviation Center, Aviation Research and Development Command and BHT.

Aviation Training. USASC representatives participated in the Aviation Training Symposium conducted on 1-3 December 1980 at Fort Rucker, AL. Safety Center positions were presented on all issues with risk related impact.

Operational Hazard Report (OHR) System. The Operational Hazard Report System has been revised in order to provide field commanders and the USASC with hazard information for aircraft mishap prevention purposes. The proposed reporting system is considered a significant before-the-fact mishap program and was tested for acceptability by a class in the Aviation Safety Officer Course, a US Army Aviation Center precommand class, and by aviation field commanders at the senior officer level. The results of these tests were favorably supportive of the implementation of the revised operational hazard report program.

Aviation Life Support Equipment (ALSE) Management Steering Council. This ALSE council, which is comprised of representatives from TSARCOM, USAAVNC Directorate of Combat Developments, Training and Doctrine Command, Office of the Surgeon General, National Guard Bureau and USASC, met four times in 1980 to act on current projects. It also assisted aviation units in exchanging information to more efficiently establish and equip ALSE shops. The council was established to give directions to the ALSE program which has become a vital issue in view of the varied environments

in which the Army may be called to fight and because of the increased complexity and capability of current Army aircraft. Tri-service standardization and intersupportability and improved regulatory documents for the use, maintenance, and storage of ALSE were objectives established by the council.

Combat Search and Rescue Joint Development Conference. USASC participated in a Joint Development Conference in October 1980 in which all services were represented. This conference is the major generator of requirements for search and rescue and survival equipment, and the report of results is forwarded directly to the Department of Defense by the Air Force.

Letter of Agreement for Aircrew Clothing System, Integrated Battlefield (ACSIB). USASC participated in a Tri-Service Joint Working Group effort (on-going) to develop an ACSIB. It was agreed to prepare a letter of agreement which will include developmental strategy, alternatives, associated tradeoffs, cost, safety implications, milestones and procedures for wearing the ACSIB during flight operations.

Aviation Life Support Equipment Course. USASC assisted in the preparation of manuscripts and related instructional material for the Aviation Life Support Equipment (ALSE) Course which will be taught at the US Army Transportation School, Fort Eustis, VA. The course is expected to start in the third quarter, FY 81, and will produce an additional skill identifier (ASI) Q-2, in the 67 MOS series.

Teardown and Analysis of Mishap Damaged Aircraft Parts/Components. There have been significant improvements in the selection, control, documentation for shipment, and tracking while enroute to teardown facilities of aircraft parts and components damaged in aircraft mishaps. The benefits derived are centralized control of selection and shipment of teardown candidates, improved speed in dispatching Safety of Flight messages and effecting fixes for hazards/failures that have fleet-wide implications, and more timely receipt of close-out teardown and analysis reports.

OH-58 "Power Loss" Team. USASC participated on a team consisting of representatives from Detroit Diesel Allison, Bendix Corporation, Bell Helicopter, and TSARCOM, to study the engine power loss phenomena associated with the OH-58 helicopter. Three Army installations and Corpus Christi Army Depot were visited. Several operational changes and six depot overhaul procedural changes to the T63 -A-700 engine resulted from the study.

OH-58 Pilot Questionnaire. An analysis of several OH-58A mishaps caused by insufficient tail rotor thrust identified the need for additional information on which to base remedial measures. USASC developed a questionnaire and published it in the 9 July 1980 issue of FLIGHTFAX. Its purpose was to determine how many pilots experienced insufficient tail rotor thrust, the environment and circumstances involved at the time of the occurrence, and what emergency procedures were successful. Approximately 700 questionnaires were completed and returned. Results of the analysis of the data are expected to be available in early CY 81.

Automated System for Tracking Recommendations. USASC implemented an automated system for tracking Army level corrective actions to recommendations of Army Aircraft Mishap Investigation Boards that are contained in Technical Reports of Army Aircraft Mishaps. This system provides a quarterly report to USASC Aircraft System Managers on the status of unresolved issues for Class A, B, and C mishaps and assures that corrective actions affecting the Army aircraft fleet are continually monitored by the USASC and responsible DA Aircraft Systems Managers until fully implemented.

CH-47 Combining Transmission Dephasing Lockout. During the investigation of a CH-47 Class A mishap, a bolt within the dephasing mechanism of the combining transmission was found to have failed. Further investigation, analysis and testing resulted in a proposed modification to deactivate the dephasing unit so that inadvertent meshing of the forward and aft rotor blades could not occur. Through the joint efforts of TSARCOM, AVRADCOM, Boeing Vertol and USASC, in the short period from 23 April 1980 to December 1980, the modification (ECP 727) was provided by Boeing Vertol, approved, tested, contracted, and modification kits installed on fielded aircraft. The program is scheduled to be completed by July 1981.

Flight Data Recorders (FDRs). Army-funded research and development progressed to the point that a small, lightweight, maintenance-free, crash-survivable FDR using a miniaturized solid-state memory is now feasible and practical for Army use. Evaluation identified important benefits

that can be derived from this FDR in support of aviation material development/maintenance and aircrew training programs. Because of the Army's initiatives, the other military services and the civilian community began investigating use of this or similar devices. During review and approval of an OV-1 Class A mishap report, the TRADOC Chief of Staff indorsed the need for FDRs in the OV-1 fleet. USASC analysis of mishap reports continued to indicate that installation of FDRs in selected aircraft was also necessary to aid in the investigation process.

Use of Simulation in Aviation Mishap Investigation, Research, and Prevention. Efforts were continued to investigate the feasibility of the use of existing Army simulation resources to improve the investigation and research of aviation mishaps. Emphasis has been placed on use of the Synthetic Flight Training System (SFTS), particularly those with visual capability. Objectives are to develop the necessary procedures and interfaces for use of the simulator and to identify the areas of the flight envelope in which the simulator provides adequate data for mishap investigation purposes. One mishap was simulated as a test case. Results showed that the simulator provided adequate fidelity and flexibility (in at least the noncomplex scenario studied) to materially improve the accuracy and credibility of the investigation results.

Aircraft System Safety. USASC continued to participate in the development of the YAH-64 Advanced Attack Helicopter and the CH-47 Medium Lift Helicopter to ensure that the optimum degree of safety is designed into these aircraft consistent with their mission requirements. USASC developed safety input to a Human Factors Engineering Analysis of the CH-47D per the request of the Human Engineering Laboratory (HEL). USASC assisted the project manager for the Army Helicopter Improvement Program-Near Term Scout Helicopter (NTSH) in developing a system safety plan for the NTSH and conducted a crashworthiness analysis at the request of the Project Manager (PM) for use as a baseline during source selection scheduled for CY 81. Other system safety activities during CY 80 included safety evaluations of the UH-60A aircraft and the UH-60A Synthetic Flight Training System as part of developmental testing (DT) of these systems.

Tri-Service System Safety Panel. The System Safety Panel of the Joint Services Safety Conference continued efforts to strengthen Department of Defense (DOD) policy in the area of system safety. Major accomplishments during the year included DOD approval of a panel initiated effort to consolidate and standardize the various services' procedures and requirements for submittal of safety-related data by a contractor to the government prior to testing and fielding of aircraft and all other major systems.

Army Aviation Human Factors Working Group. A working group to coordinate aviation human factors requirements during development of aviation systems was officially chartered in March 1980 and includes representatives from USAVRADCOM, USASC, HEL, Army Research Institute (ARI), and US Army Aeromedical Research Laboratory (USAARL). Formulation of the group was recommended by USASC because of lack of a centralized authority and pronency and an increasing need for consideration of the man-machine interface during the designing phase of complex Army aircraft. It was agreed that the initial aircraft system development in which the working group will take an active role is the Army Helicopter Improvement Program-Near Term Scout Helicopter.

Centralized Mishap Investigation (CMI). In CY 80, fifty-two mishaps were investigated under the CMI program, an increase of approximately 20 percent over the previous year. Instructions for reporting mishaps under the CMI program using the standard DOD classification system were added to AR 385-40 in the latest revision. The conversion to the new classification system resulted in only minor changes to the existing procedures used for CMI. The most significant change was that instead of telephonically reporting major and minor accidents to CMI Operations, the field now reports Class A and B mishaps. The Investigation Division continued to be organized around six investigation teams. The experience level of team members increased this year along with improvements in the standardization and quality of mishap reports. Over 140 mishaps have been investigated under the CMI program since its inception. Feedback from the field supported continuation of the program as a vital component of Army aviation mishap prevention efforts.

Aircraft Support to USASC. During CY 80, 1290 hours were flown on the two C-12 aircraft assigned to USASC. Aircraft 73-22265 was flown 595 hours and 76-22563 was flown 695 hours. Eight assigned aviators completed unit transitions in the C-12. Ten aviators attended a USASC contracted C-12 ground school course from Beech Aircraft Corporation as part of the unit transition program. At the end of the CY, 17 assigned aviators were qualified to fly the C-12. The aircraft were assigned primarily to support the Centralized Mishap Investigation Program and accident prevention mission of USASC.

Analysis of FY 79 Army Aircraft Accidents. The USASC Technical Report of the Analysis of FY 79 Army Aircraft Accidents, TR 80-2, April 1980, was distributed to DA staff and MACOMs. It was also distributed to aviation units at the installation level, laboratories, and libraries. The report of the analysis made of 75 accidents identified 23 different aviation system inadequacies. The top five inadequacies based on frequency of occurrence, severity of injury, severity of damage to the aircraft, and accident cost were: (1) improper motivation, (2) faulty judgment, (3) improperly designed equipment, (4) inadequate unit training, and (5) inattention.

Revision of AR 95-5. An ad hoc committee was formed to rewrite AR 95-5, the regulation governing aircraft mishap prevention, investigation and reporting procedures. The investigation and reporting sections of the AR have been placed in draft DA Pamphlet 385-XX (new document) and the portion on aircraft mishap prevention procedures have been placed in draft AR 385-XX (new document). Both drafts were approximately 95 percent complete at the end of the year.

Trend Analysis. Development continued on a concise mathematical model for providing year-ahead forecasts of Class A, B, and C aviation mishaps. All of the FY 80 forecasts provided by the model were not significantly different from the actual occurrences. The FY 81 forecasts are available as part of the overall management process in providing objectives for improvement and to help evaluate new accident prevention policies. Similar models in general safety were provided to DARCOM for developing that command's own forecasts in the months ahead.

Math Model Simulation. The computer programmer, C-81 Rotorcraft Flight Simulation, developed by Bell Helicopter Textron became operational for the OH-58 and the AH-1G aircraft configurations. The program can provide a technically sound evaluation of rotor-wing aircraft performance, stability and control, rotor blade loads, maneuvering characteristics, and rotor system aeroelastic stability. During the course of running a maneuver, the values of over fifteen hundred time-history variables at each time point are saved on tape and are available for plotting by the program. In addition to inputting control movements during a maneuver, other items such as ramp gust, change in various engine parameters, weapon fire, connect/disconnect of control, deployment of aerodynamic brakes and training vortex system are available. Several plots of AH-1G maneuvers have been completed to date.

#### MANAGEMENT INFORMATION SYSTEMS:

Army Safety Computer. A computer operator service contract was awarded in January 1980, followed by the IBM 360/50 computer system becoming operational in February 1980. Multiple Variable Task (MVT) implemented in July 1980 permitted more efficient use of the computer. Documentation for upgrade of the computer continued and approval for six additional disk storage devices was obtained in November 1980. Time Sharing Option was implemented in December 1980.

Automation of TDY Budget Information. Development began in 1979 of a management information system for the automation of TDY budget data. This system was completed and fully implemented in October 1980. This provides an in-house capability to facilitate ready access to up-to-date budget information on aircraft accident investigations and other official duty travel to locations away from Ft Rucker, AL.

AR 385-40 and DA Form 285. The USASC Management Information Systems Division (MISD) participated in the development of the revised AR 385-40 and in the design of the new DA Form 285 and 285-1. The Chief, MISD, chaired a committee to establish a new code manual for use with the new DA Form 285. The Automated Data Processing (ADP) system was designed to automate the new DA Form 285 reporting system and computer programming revision began to implement the new DA Form 285 ADP System. Coding of the new DA Form 285 and input into the computer began in December 1980.

ADP Reports. The number of recurring ADP reports (daily, weekly, monthly, etc.) being produced and provided to DOD and civilian customers worldwide increased from 139 at the beginning of 1980 to 183 at the end of 1980. This represented a 31 percent increase in recurring reports. In addition, 685 aviation data requests, 431 ground data requests, and 29 special data requests were processed during the year.

The US Army Safety Center processed and coded 17,294 DA Form 285 accident reports, 5,559 Preliminary Reports of Aircraft Mishaps (PRAMS), and 324 DA Form 2397 reports. In addition, 173 teardown analysis reports and 2,056 accident exposure documents (DA Form 2398) were received and processed.

## COMMUNICATIONS:

Publications: The following significant publications were published during 1980:

FLIGHTFAX (49 weekly issues).  
COUNTERMEASURE (11 issues)  
SHARE (1 issue).  
SYSTEM SAFETY NEWSLETTER (1 issue).  
U.S. ARMY AVIATION DIGEST (accident prevention material in 11 issues).  
Safety Talks for ASOs.  
Safety Training Film Catalog.  
Aviation Safety Officer Handbook.  
Guide to Aviation Resources Management for Aircraft Mishap Prevention.  
Analysis of FY 79 Army Aircraft Accidents.  
Analysis of FY 79 Army Motor Vehicle Accidents.  
Ground to Air Emergency Signals.  
Crash Rescue Posters for the T-42, C-12, UH-60, U-21, CH-54 aircraft.

Films: The following safety training films were developed and produced in 1980 by the Army Safety Center:

TF 46 - 6229 - "Helicopter Mast Bumping" (remake).  
TF 46 - 6207 - "Helicopter Performance and Weight and Balance."  
TF 46 - 6203 - "Inspecting the Overwater Survival Kit."  
TF 46 - 6204 - "Inspecting the Cold Climate Survival Kit."  
TF 46 - 6205 - "Inspecting the Survival Vest."  
TF 46 - 6206 - "Inspecting the Hot Climate Survival Kit."  
TF 46 - 6217 - "Trust Your Instruments - Not Your Senses."  
TF 46 - 6208 - "Wire Strikes."  
TF 46 - 2209 - "Loss of Visual Cues."  
"Inside the Army Safety Center: (revision)."  
"Major Nowlin, Specialist Smidlapp and the Odds."

## CLASS OF MISHAPS

- A - 1. A mishap in which the total cost of property damage, occupational illness, and injury is \$200,000 or greater.
- 2. An army aircraft is missing, abandoned, is uneconomically repairable, or is a total loss.
- 3. A fatality occurs as a result of Army operations.
- B - 1. A mishap in which the resulting cost of property damage, occupational illness, and injury is \$50,000 or more but less than \$200,000.
- C - 1. A mishap in which the total cost of property damage is \$300 or more but less than \$50,000.
- 2. An injury or occupational illness resulted in a lost workday; case involving days away from work.

# US ARMY AEROMEDICAL CENTER

## MISSION:

Provides health services to authorized personnel within the Lyster health service area, including: inpatient and outpatient medical and dental care, and treatment to active duty and retired military personnel, their dependents, 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 (HSC) on all aspects of aeromedical education, physical fitness standards, and safety pertaining to Army aviation personnel. Monitors Phase I and Phase II and supervises Phase III of the Army Aerospace Medicine Residency Training Program under the direction of the US Army Health Services Command in accordance with AR 40-501 and AR 600-108. Operates the Army Aeromedical Education Program in coordination with the Academy of Health Sciences, US Army Health Services Command (USAHSC). Plans, prepares, and reviews Army aeromedical literature for the US Army Aviation Center (USAAVNC) and other proponents. Provides representation to all aviation oriented administrative boards.

## ORGANIZATION:

The organizational structure is in accordance with HSC Regulation 10-1 with approved deviations. The US Army Aeromedical Center (USAAMC) Regulation 10-1 with changes reflects detailed information.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Robert J. Kreutzmann	Commander	Arr - 9 Jul 80
COL Daniel T. Sanders	Commander	Dep - 8 Jul 80
COL Donald L. Naylor	Chief of Staff	Arr - 5 Jul 78
COL Frank S. Pettyjohn	Chief, Professional Services	Dep - 17 Jun 80
COL Dudley R. Price	Chief, Professional Services	Arr - 25 Aug 80
COL Bennett G. Owens	Deputy, Aeromedical Activity	Arr - 16 Jun 80
MAJ David M. Oatway	Chief, Preventive Medicine Activity	Arr - 26 Jun 78
MAJ Robert V. Taylor	Chief, Veterinary Activity	Dep - 31 May 80
CPT John C. Kelliher	Chief, Veterinary Activity	Arr - 1 Jun 80

## ACCOMPLISHMENTS:

The Commander, HSC, MG Raymond H. Bishop, Jr. visited USAAMC in August 1980.

A change of command ceremony for the USAAMC was held on 9 July 1980. BG Biehusen, Commander, Eisenhower Medical Center, Fort Gordon, GA passed the colors.

A Medical Service Corps Dining Out was held on 31 May 1980.

Flexitime was implemented in three areas of USAAMC: Preventive Medicine Activity, Logistics Division, and the Adjutant's Office.

The USAAMC energetically participated in Exercise Proud Spirit/MOBEX 80.

An administrative resident, MAJ John A. Callaghan, was assigned in July under the preceptorship of COL Donald L. Naylor. MAJ Callaghan is completing his residency requirements for the degree of Master of Hospital Administration from the US Army Baylor University Program in Health Care Administration.

Cheryl Tabisola was appointed USAAMC Federal Women's Program Manager on 1 July 1980 vice Dianne Hadley.

Three new word processors were obtained and selected operators trained.

## ***LYSTER US ARMY COMMUNITY HOSPITAL***

### KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Robert J. Kreutzmann	Commander	Arr - 9 Jul 80
COL Daniel T. Sanders	Commander	Dep - 8 Jul 80
COL Donald L. Naylor	Executive Officer	Arr - 5 Jul 78
COL Frank S. Pettyjohn	Chief, Professional Services	Dep - 17 Jun 80
COL Dudley R. Price	Chief, Professional Services	Arr - 25 Aug 80
LTC(P) Kathleen T. Condon	Chief, Dept of Nursing Acting Chief, Dept of Nursing	Arr - 13 Apr 80

### SHORTCOMINGS:

Radiology service continued to be provided by a high dollar contract.

Orthopedic Service was discontinued in August due to retirement of the Orthopedic Surgeon.

The following specialties were provided by civilian and/or other military resources: ENT, Urology, OB, GYN Surgery, Orthopedics, Neurology, Neurosurgery, Thoracic Surgery, and some Cardiology.

### ACCOMPLISHMENTS:

A 4-bed Intensive Care Unit/Coronary Care Unit was completed and became fully operational.

A new position, Patient Assistance Officer, was established.

The "Patient Medical Advisor/Information Guide" was revised and distributed by the Cub/Boy Scouts to personnel residing in on-post quarters and mailed to retirees and active duty personnel residing off-post.

A Quality Assurance Committee was established under the guidelines of the Joint Commission on Accreditation of Hospitals.

The Clinical Support Division was realigned from the Chief, Professional Services to the Executive Officer.

An agreement was reached with Eisenhower Army Medical Center whereby academic medical training was extended to Lyster US Army Community Hospital physicians.

Treating physicians could travel with patients to Eisenhower where treatment was rendered. Follow-up care was then provided at Lyster by the treating physician.

A nutrition program for diabetics and expectant mothers was established, along with an in-service training program for civilian food service employees to provide more efficient nutritional food service for patients and hospital personnel.

Funds for construction of the \$28,000,000 hospital addition were approved by Congress. Actual construction was scheduled to begin in the late summer/early fall of 1981.

## ***AEROMEDICAL ACTIVITY (AAMA)***

### MISSION:

To advise the Commander, USAAMC on all aeromedical education and aeromedical fitness and safety pertaining to USAAVNC personnel. Plan, coordinate and supervise the conduct of all aeromedical education and training of medical and nonmedical personnel in the USAAVNC. Plan, prepare, and review aeromedical training and doctrinal literature for which USAAVNC has proponency. Provide aviation medicine support in the clinical, medical examination, and "aviation medicine program" environments. Operate the worldwide US Army Aeromedical Consultation Service IAW ARs 40-501 and 600-105. Accomplish aeromedical health standards review and recommend disposition at the direction of the Department of the Army. Maintain a central repository of medical information pertaining to each Army member who is actually engaged in the Army aviation program. Provide representation on the USAAVNC Flight Standardization Board.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Frank S. Pettyjohn	Deputy	Dep - 12 Jun 80
COL Bennett G. Owens	Deputy	Arr - 16 Jun 80

### ACCOMPLISHMENTS:

A major milestone in Army aerospace medicine was reached in September when Dr. (LTC) John E. Gray became the first student to solo after learning to fly helicopters during the Aviation Medicine Basic Course. The addition of three weeks of flight training in the TH-55 training helicopter to the seven-week flight surgeons' Aviation Medicine Basic Course was expected to make the prospective aeromedical practitioners more aware of the physical and emotional stresses of the military aviation environment.

The first Aeromedical Operational Problems Course was conducted in the Spring. This continuing medical education program will become a recognized short course funded by the office of The Surgeon General.

Two senior aviators, as selected by the Commanding General, US Army Aviation Center, were included on the Aeromedical Consultant Advisory Panel (ACAP) in September 1980. Their participation proves highly successful as they represent aviation and the US Army Aviation Center's input to the ACAP relative to the flying disposition recommendations sent to DCSPER of aviators found to have various medical findings.

## ***US ARMY DENTAL ACTIVITY***

### MISSION:

Provides dental diagnosis, care, treatment and consultation services to all eligible beneficiaries to include operation of two elementary school clinics. Established dental programs emphasize preventive dentistry and professional education. Dental specialty services for the Department of Dentistry are provided by the Dental Activity.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
COL Kent M. Acomb	Commander	Arr - 21 Jul 79

ACCOMPLISHMENTS:

Both school clinics received new chairs and units.

Cost Accounting Codes were established for the administrative section, the dental laboratory, and each clinic to help with the decentralized management of costs.

Increased cost awareness in the supply areas saved enough money to enable the Activity to obtain many items of administrative equipment without sacrificing professional standards.

Annual field training was provided for all military personnel with the loss of only one-half day of patient care time.

## ***PREVENTIVE MEDICINE ACTIVITY***

MISSION:

Provides planning and execution of a comprehensive Preventive Medicine Program consisting of epidemiology and disease control, occupational health services, environmental health services, and family health services to military, dependent, and eligible civilian personnel in the USAAMC area of responsibility. The Chief, Preventive Medicine Activity, advises the Commander, USAAMC on matters concerning the prevention and control of transmissible disease and the advancement of health.

ORGANIZATION:

The Preventive Medicine Activity is organized in four sections consisting of epidemiology and disease control, occupational health, environmental health, and family health. The hospital safety program is managed within the Preventive Medicine Activity.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
MAJ David M. Oatway	Chief	Arr - 26 Jun 80

ACCOMPLISHMENTS:

Lake Tholocco remained closed until July 1980 due to the high coliform bacteria count. The lake opened for full use after cooperation with the Department of Agriculture and the city of Ozark in an abatement program that resulted in the end of the pollution.

Identified and contained an outbreak of food-borne salmonella (food poisoning) involving 41 military personnel at Fort Rucker.

More than 86 percent of Fort Rucker's military personnel were reached during the influenza immunization campaign.

Occupational health instituted new programs in respiratory protection, and expanded programs in hearing conservation and chronic disease surveillance.

Community Health Nurse Program implemented visits to military dependents giving birth in local civilian hospitals. This resulted in improved medical services to families of Fort Rucker personnel.

# **US ARMY AEROMEDICAL RESEARCH LAB (USAARL)**

## MISSION:

Participates in the preservation and enhancement of the health, safety, combat effectiveness, and survivability of the soldier. Conducts life sciences research, development, test, and evaluation in health hazard prevention technologies and aviation medicine concerning human tolerance, survivability, and combat crew effectiveness related to combat vehicles, weapons systems, and operations. Develops, maintains, and applies minimum bases and technologies needed to establish human tolerance and exposure relationships for fire, noise, vibration, impact, and optical hazards, and complementing other USAMRDC elements, physiological and psychological stressors. Develops and validates technologies for assessment of and protection from these health hazards. Validates those relationships in order to recommend exposure and health effects criteria. Assembles and maintains the psychophysiologic data base required to define operational envelopes for crew safety and effectiveness for Army aviation, combat vehicles, and parachuting. Develops health criteria for associated protective and life support systems. Conducts an active information transfer to health policy, combat and materiel developers, test and evaluation agencies, human factors agencies, and the aviation medicine community.

## 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 was reorganized under TDA MDW03YAAMO dated 30 July 1979 and continued to operate under this TDA in 1980. In addition to the command groups, there were two research divisions and two support divisions. On 1 October 1980, the laboratory underwent a functional realignment of its personnel resources. The realignment created an additional research division and brought about a name change for the two existing research divisions.

## PERSONNEL:

Authorized personnel strength was 142; actual strength as of 30 December 1980 was 23 officers, 46 enlisted, and 69 civilians. Co-op students, student aides and temporary hires are counted in the civilian position total. These special programs allowed USAARL to operate close to authorized strength.

The deputy commander position remained vacant at the departure of LTC Glick through 30 December 1980. Key personnel assignments during the year were:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>DATES</u>
COL Stanley C. Knapp	Commander	1 Jan - 31 Dec 80
LTC David D. Glick	Deputy Commander	1 Jan - 16 Jun 80
LTC Roger P. Hula II	Executive Officer	1 Jan - 31 Dec 80
CPT (P) Reuben G. Pinkson	Adjutant/Detachment Commander	1 Jan - 31 Dec 80
SFC Allison Hutcheson	Senior Medical NCO	1 Jan - 31 Dec 80
Kent A. Kimball, Ph.D.	Director, Biomedical Applications Research Division (Formerly Field Research and Biomedical Applications Division)	1 Jan - 31 Dec 80
MAJ (P) Jerod Goldstein	Director, Sensory Research Division (Formerly Human Tolerance and Survivability Division)	1 Jan - 1 Oct 80
LTC John K. Crosley		1 Oct - 31 Dec 80
MAJ Jerry I. Baugher	Director, Biodynamics Research Division (New Division)	1 Oct - 31 Dec 80
MAJ Webster L. Langhorne	Director, Research Systems Division	1 Jan - 31 Dec 80
Mr. Charles D. Williams	Director, Technical & Logistical Services Division	1 Jan - 31 Dec 80

#### ACCOMPLISHMENTS:

Co-op Program: USAARL's cooperative education program continued to grow in CY 80. Five more universities placed students at the laboratory, increasing to 13 the number of universities with students in our program. One undergraduate and two postgraduate students successfully completed their co-op assignment in CY 80. The USAARL Co-Op Handbook was completed and distributed to incoming co-op students.

OIH Program: The recruitment of biological sciences assistants (OIH) to fill vacant slots within the USAMRDC received major emphasis in CY 80. SP6 Carol Bucha of USAARL served as the USAMRDC's OIH program coordinator. A Medical Research pamphlet aimed toward the civilian prospect was published in February 1980. Articles telling of the OIH program were published in Soldiers magazine, numerous post newspapers, and accepted for publication in Army Times. USAARL had 10 authorized slots with only two filled as of March 1980. As of September 1980, USAARL had all ten authorized slots filled.

Construction: The hopes and expectations of being moved into the new laboratory at the end of CY 80 did not materialize. As in the construction of all large buildings, the unexpected became commonplace and "firm" moving dates were adjusted.

Calendar year 81 will see USAARL in the 116,000 sq ft laboratory. The urgent minor exigent project for expansion of the vivarium was approved and the construction well underway during CY 80.

Scientific Information: The information center concept was expanded to broaden collection capabilities through computer information retrieval. Approval was received in CY 80 to add the on-line data base system of the Defense Technical Information Center. Requests for library material doubled (1200 to 2400) in CY 80. The Scientific Information Center added 2000 items to the collection, bringing the total collection to 42,000 items. Library instruction/orientation classes were held for 21 cooperative education students and for four classes of flight surgeons. The Scientific Information Center provided resource support to Southeast Alabama Medical Center, Dothan, AL, on an "as-could" basis. Two library publications were completed in July 1980, Union List of Periodicals in Libraries at Fort Rucker and Journals Catalog.

Flight Hours: Seven Medical Service Corps research aviators assigned to USAARL flew four aircraft modified as research platforms, 1182.9 hours of research missions, 372.3 hours in training missions for a total of 1555.2 flight hours during CY 80.

Inspections: Audit of Fund Control Procedures 22-23 Jan 80. Maintenance Assistance and Instruction Team (MAIT) 31 Mar - 4 Apr 80.

Capital Improvements and Additions: USAARL acquired a research grade, six-booth, computer-operated, field audiometric laboratory. This audiometric laboratory was housed in an especially designed 58,000 lb., 40 ft. highway trailer with self-contained power supplies. The unit enabled USAARL to make research quality audiograms in the field during the man-rating of developmental and prototype weapons such as self-propelled and towed large caliber artillery.

A self-contained, instrumentation truck, especially configured to house and support a multiple-channel, computerized noise data acquisition and analysis system, was operational in CY 80. The facility provided for simultaneous measurements of physical noise at different locations around modern Army vehicles and weapons. Increased efficiency resulted because of the reduction in instrumentation set-up and tear-down times, and because analysis processing was done largely on-site.

#### RESEARCH ACTIVITIES:

Evaluations of helmet energy-absorbing foams, crushable earcups, and exterior shells continued to 90% completion.

An aviator head injury study based on US Army Safety Center and retrieved helmet data was completed.

The thermal math model contract was completed. A paper summarizing the work was presented at the May 1980 Aerospace Medical Association Meeting.

A mathematical-computer model of the visual system's transient response to short photic pulses was developed.

An instrument for rapidly evaluating visual contrast sensitivity in a clinical environment was designed and a prototype constructed.

An instrument for positioning microelectrodes on the retina was designed and was constructed.

Laboratory dynamic impact evaluation tests were performed on six production lots of aviator flight helmets.

Impact tests were conducted on the prototype ballistic shell for the DH-132 armored vehicle crewman's helmet and on the IHADSS helmet for the AAH.

Studies using chinchillas were undertaken to determine the effects of 31.5 Hz and of 250-Hz octave-band noise on hearing thresholds and histological injury, and to study the role of peak pressures in the effects of impulse noise on hearing threshold and histological injury.

A study of the role of pigmentation in susceptibility to hearing loss was initiated using guinea pigs as subjects. Two exposures to 1.0 kHz octave band noise were completed.

Initial altitude chamber tests of two state-of-the-art molecular sieve oxygen generating systems were completed. Human use approval of the test plan for the biomedical evaluation of the two systems was received.

The real ear attenuation characteristics of the SPH-4 manufactured by Aqua-Aire were evaluated.

Assessment of the real-ear attenuation and electroacoustics characteristics of three hearing protectors was made.

Several muffs and ear-plugs were evaluated to determine potential for use in the Army environment.

Analysis of data on the acceleration/deceleration impact hazard assessment of ground combat vehicles and establishment of impact test criteria and methodology for the new combat vehicle crewman protective helmet was completed.

A plan to minimize compatibility problems between the night vision goggles (AN/PVS-5) and certain ametropic aviators was submitted to The Surgeon General.

New dark adaptometers for applicability both as a screening device and sensitivity determiner were investigated.

One-hundred-eighteen pre-laser exposure eye examinations were done.

Data from the visual performance computer base was used to identify critical pilot visual requirements for a subminiature heads-up display concept.

Visual performance data computer base was expanded to include the effects on aviation visual performance by aircraft stability, pilot currency, and pilot experience factor.

Work with the night vision goggle compatible lighting system demonstrated that the primary lighting system presently used in Army aircraft could, with modifications, be made compatible with the second generation night vision goggles.

Light control film was found effective in preventing some, but not all, instrument panel reflections.

Data collection was completed on a project to determine the effects of extended use of the AN/PVS-5 night vision goggles on helicopter pilots.

#### PUBLICATIONS:

During 1980 USAARL published 10 letter reports, 7 technical reports, two library publications, and a cooperative education handbook. There were 11 presentations made, and 9 articles published in the open literature. The report number and title of the technical reports are:

USAARL 80-1. Aeromedical aspects of CH-47C helicopter self-deployment (Operation Northern Leap).

USAARL 80-2. Conferencing and teleconferencing in three communication modes as a function of the number of conferees (Reprint).

USAARL 80-4. Contaminants found in the JUH-IH and JU-2IG aircraft bleed air.

USAARL 80-5 Common problems in the medical care of pilots (Reprint).

USAARL 80-6. Attenuation variation obtained with training when utilizing an in-the-ear hearing protective device.

USAARL 80-7. SPH-4 helmet damage and head injury correlation.

USAARL 80-8. Evaluation of Army aviator human factors (fatigue) in a high threat environment.

## VETERINARY ACTIVITY

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT John C. Kelliher	Chief	Arr - 1 Jun 80
CPT Michael V. Slayter	Chief, Food Quality Assurance Section	Arr - 26 Sep 80

### ACCOMPLISHMENTS:

Continued rabies control program.

Initiated the new standard medical records system for continuity of record keeping within the military animal health care system.

Assumed full veterinary support for Pensacola Naval Air Station (NAS) and food quality assurance support for Whiting Field NAS, Gulfport NAS, and Meridian NAS.

## MEDICAL COMPANY

### MISSION:

Provides for that portion of administration of military duty personnel related to unit administrative reports/records and supply/accounting records.

### ORGANIZATION:

The organizational structure is in accordance with HSC Regulation 10-1 with approved deviations. The USAAMC Regulation 10-1 with changes reflects detailed information.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
1LT Tony R. Franklin	Commander	Arr - 1 Dec 80
CPT Philip J. Kuoni	Commander	Dep - 30 Nov 80

### ACCOMPLISHMENTS:

Ongoing emphasis placed on enlisted promotion and performance counselling.

Eight Medical Company servicemembers (SP4 Lionel Mason, SP4 Carolyn Bowen, SP4 Roger Seigfreid, PFC Mervyn McClean, PFC Charles Cash, PFC Denise Simmons, PFC Josie Meriweather, and PV2 Jacquelyne Mayhue) were chosen as Tenant Activities Soldiers of the Month during 1980. Likewise, SP4 Carolyn Bowen, SP4 Roger Seigfreid, and PFC Denise Simmons were chosen as Fort Rucker's Soldier of the Month for January, April, and August 1980, respectively. Six Medical Company servicemembers (SP5 James McNair, SP5 John Reid, SP5 Adolph Arista, SP5 Alfred Driver, SP5 Larry Gage, and SP5 Carl Tucker) were chosen as Tenant Activities NCO of the Month during 1980. SP5 James McNair and SP5 John Reid were also chosen as Fort Rucker's NCO of the Month for February and October 1980, respectively.

# US ARMY COMMUNICATIONS COMMAND

## 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 (ATC) and 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:

USACC-Ft Rucker is organized with the Office of the Commander, Headquarters and Service Company, Support Division, Air Traffic Control (ATC) Navigational Aids (NAVAIDS) Maintenance Division, Air Traffic Control Operations Division, Army Radar Approach Control (ARAC) Division, Air Traffic Control (ATC)/Area Maintenance Facility (AMF), and Communications Division. The 256th Signal Support Company (Area Maintenance Support Facility) a 7th Signal Command unit under the operational control of USACC-Ft Rucker.

## KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>	
LTC Robert D. Price	Commander	May 80	--
LTC Emmett F. Johnson	Commander	--	May 80
MAJ Terry D. Murphy	Executive Officer	Jan 80	--
LTC James W. McCreedy	Executive Officer	--	Apr 80
Mr Gerald H. Jones	Deputy	--	--
CSM James K. Brock	Sergeant Major	Jul 80	--
SGM Eli Lee	Sergeant Major	--	Sep 80
CPT Charles H. Dove	CDR, Hq&Svc Co	Dec 77	--
LT Kathleen Boyer	Ch, ATC Opns Div	Aug 80	--
CPT Owen Chalfant	Ch, ATC Opns Div	--	Aug 80
MAJ Raymond F. O'Neill	Ch, ATC Opns Div	Oct 80	--
Mr Benjamin F. Howell	Ch, ATC/Nav aids Maint Div	--	--
Mr Samuel C. Williams	Ch, Comm Div	--	--
Mr Samuel T. Benton	Ch, ARAC Div	--	--
Mr Don Eagerton	Ch, AMF	--	--
CPT Euford E. Herring	CDR, 256th Sig Spt Co	Oct 79	--
WO-1 Jose L. Agosto	Ch, Maint Div 256th Sig Spt Co	Jul 80	--

## ACCOMPLISHMENTS:

### Headquarters & Service Company:

Organization Day - 13 Sep 80, held in Company area.

Primary Leadership Graduates - 47.

Honor Graduates - SP5 Stuart Hansen - Class 1-80.

SP4 Janet Flowers - Class 9-80.

Tenant Activities NCO and Soldier of the Month:

Oct 79  
Nov 79

NCO  
SP5 Edward Hardrick  
SP5 Joe Prescott

Soldier  
None  
None

Tenant Activities NCO and Soldier of the month: (Continued)

	<u>NCO</u>	<u>Soldier</u>
Jan 80	SP5 Kenneth McCord	None
Feb 80	None	PFC Frederick Deane
Apr 80	SP5 Joseph LeBlanc	None
May 80	None	SP4 David Edmunds
Jun 80	SP5 A. Mattulat	None
Jul 80	SP5 A. Mattulat	None
Aug 80	SP5 Hodges Washington	SP4 Dawn Minasian
Sep 80	SP5 Milton Williams	(256th)

Post NCO of the Month:

Nov 79 - SP5 Joe Prescott  
Apr 80 - SP4 Joseph LeBlanc

Post Soldier of the Month:

Jun 80 - SP4 David Edmunds  
Sep 80 - SP4 Dawn Minasian (256th)

SUPPORT DIVISION:

Three terminal Very High Frequency Omnidirectional Range Systems (TVOR) were replaced with state of the art equipment. Construction was started on a new electronic maintenance and radio transmitter building at Cairns Army Airfield. Provided special distribution system for the data acquisition processing and retrieval system of the U.S. Army Aviation Development Test Activity. Construction started on a modular tower at Troy Municipal Airport.

ATC OPERATIONS DIVISION:

Stagefield Branch:

Lanes at Goldberg Stagefield were resurfaced and lighting was reworked. SP5 Robert Black was selected as USACC-Ft Rucker's Air Traffic Controller of the Year and went on to further his career by attending Officers Candidate School.

Basefield Branch:

Blue Springs Flight Coordination Center (FCC) opened January 1980 as a test facility. Blue Springs was established as a new facility for possible future permanent implementation.

Troy Municipal Airport:

Automatic Terminal Information System (ATIS) was installed during 1980.

ARMY RADAR APPROACH CONTROL DIVISION (ARAC):

The ARAC controlled 164,599 instrument air traffic operations in the 8000 square mile area of SE Alabama, SW Georgia and NW Florida, operating at 7000 feet and below. The Instrument Training Airway System (ITAS) controlled by HUB control had an air traffic activity count of 50,517 operations, a 93% increase over CY 79.

AMF/ATC DIVISION:

The Mobile Maintenance Contact Teams provided on site technical assistance in restoring critical ATC/NAVAIDS systems at 35 different locations throughout CONUS, Alaska, Germany, Korea and Japan. The Direct Exchange (DX) Maintenance Branch repaired and returned to customers, or to DX supply stock, sixteen hundred printed circuit boards and modules utilized in ATC/NAVAIDS equipment.

COMMUNICATIONS DIVISION:

In January 1980, the US Army Special Security Group/Special Security Office (USASSG/SSO) Telecommunications Center and the USACC Telecommunications Center were consolidated under the Command and OPCON of USACC-Ft Rucker to provide both the intelligence and general service communities with the most efficient and cost effective communications capability possible in order to better perform their assigned missions.

In March 1980, Optical Character Recognition Equipment (OCRE) was installed in the Telecommunications Center to automate the origination message preparation process thereby enhancing the capability of the TCC to more efficiently process outgoing messages. OCRE also provided reductions in personnel and teletype equipment assets without adverse impact on services provided.

256TH SIGNAL SUPPORT COMPANY (AMSF):

30 Mobile Maintenance Contact Team (MMCT) visits were conducted.

298 work requests were completed by Specialized Repair Activity (SRA).

# 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 training research and to provide technical support to the US Army Aviation Center (USAAVNC) in the area of aircrew performance 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 aviators' 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. This is carried out by a small highly-qualified staff of aviators, research psychologists, and education technologists.

## 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.

## KEY PERSONNEL:

<u>NAME</u>	<u>POSITION</u>	<u>ARRIVAL DATES</u>
Mr. Charles A. Gainer	Field Unit Chief	7 October 1974
Major Gordon L. Rogers	Research & Development Coordinator	13 July 1979

## ***PROGRAMED RESEARCH***

### ACCOMPLISHMENTS:

The research work completed in 1980 was concentrated in three specific areas, which are summarized below:

#### AVIATOR SELECTION, ASSIGNMENT, AND RETENTION.

In March 1980, the Revised Flight Aptitude Selection Test (FAST), as described in DA Pamphlet 611-256-2, was introduced. The Revised FAST has a shorter administration time, simpler scoring procedures, more objectivity, and an improved predictive validity. ARI developed a Performance-Based Aviator-Applicant Selection System (PASS) which is a job sample test to identify applicants who demonstrate the aptitude for helicopter flight training. PASS requires the applicant to perform basic flight maneuvers in the UH-1 Flight Simulator (UH-1FS) over five one-hour periods, and measures the applicant's ability to acquire the skills required to control a helicopter. In response to US Army Military Personnel Center (MILPERCEN) tasking, a major effort was completed to determine the primary factors associated with the voluntary separation of aviation warrant

officers. The primary objectives of the Aviation Warrant Officer Retention research effort were to identify the considerations rated as most influential in the aviation warrant officer's decision to separate. This research provided MILPERCEN the documentation required to initiate a series of corrective actions.

#### COMBAT UNIT TRAINING.

ARI conducted a worldwide survey of major aviation units in which the commanders were asked "What are your current performance deficiencies and obstacles to training?" The results of the research indicate that there were a total of 55 common deficiencies and 51 obstacles. Experiments conducted in 1980 showed that the sun, wind and dust goggle with light attenuating filter (LAF) inserts enables aviators to train hovering, terrain flight, and emergency night flight maneuvers by day, thus bypassing many of the objectives and problems associated with night training. In a recently completed effort, the ARI-developed Map Interpretation and Terrain Analysis Course (MITAC) was modified and validated for use with night vision goggles and unaided night vision for navigation training. This training module, entitled "Map interpretation and Terrain Analysis for Navigation at Night (MITANN)", was developed both for implementation at the USAAVNC and as an exportable package for use by aviation units in the field. ARI has just completed a book of navigational commands and terrain descriptors which lists the most widely used and least ambiguous terms (as garnered from a wide range of Subject Matter Experts) and provides an appropriate picture and map symbol to accompany each term.

#### FLIGHT SIMULATION.

The advent of full motion and visual system simulation in the CH-47 Flight Simulator (CH-47FS), the AH-1 Flight/Weapons Simulator (AH-1F/WS), the UH-60 Flight Simulator (UH-60FS) and subsequent systems, presents an even greater challenge and potential in the development of a cost-effective total training system. In 1980, a transfer of training model was developed to be used in determining the effectiveness of the AH-1F/WS and to provide empirical data as to the most cost- and training-effective mix of simulator and aircraft practice for aircraft qualification training. A performance measurement grading system (PMGS) for the UH-1FS was accomplished. The system provides a comprehensive and functional printout of the aviator's performance. This research involves the use of a number of instructional features available in the UH-1FS which had previously not been used.

## ***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.

# US ARMY LOGISTIC ASSISTANCE OFFICE DARCOM

## 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 colocated with Field Maintenance Technicians (FMTs) for the various DARCOM commodity 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.

## KEY PERSONNEL:

The Fort Rucker LAO is authorized one officer and two civilians. Field Maintenance Technicians are assigned by commodity commands when requested by the installation. The LAO has increased their support/assistance capability with the addition of another Armament Command FMT. Currently assigned personnel are as follows:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE</u>
LTC Gerald Cornell	Chief	Jan - Dec 80
Mr. William W. Vaughan	Logistic Management Specialist (LMS)	Jan - Dec 80
Ms. Joyce M. Rudd	Secretary	Jan - Dec 80

## Field Maintenance Technicians attached to the LAO:

Mr. Irwin G. Rice	US Army Troop Support & Aviation Materiel Readiness Command (TSARCOM)	Jan - Dec 80
Mr. Thomas R. Lowe, Jr.	US Army Troop Support & Aviation Materiel Readiness Command (TSARCOM)	Jan - Dec 80
Mr. Earnest E. Burton	US Army Armament Materiel Readiness Command (ARRCOM)	Jan - Dec 80
Mr. Charles W. Woosley	US Army Armament Materiel Readiness Command (ARRCOM)	Nov - Dec 80
Mr. Lawrence W. Fleck	US Army Tank-Automotive Command (TACOM)	Jan - Dec 80
Mr. Samuel E. Mills	US Army Communications-Electronics Materiel Readiness Command (CERCOM)	Jan - Dec 80
Mr. Morris H. Burkett	US Army Missile Command (MICOM)	Jan - Dec 80

## ACCOMPLISHMENTS:

During CY 80, 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 800 requests for assistance were received, 1840 manhours were expended training 321 students, over \$200,000 cost savings was realized, and 131 Logistic Information Feedback Reports were submitted.

Annual Training (AT) at Camp Shelby, Mississippi, continued to be one of the primary missions supported by the LAO. An LAO Field Office was established and operated at Camp Shelby from 23 May - 9 August 1980. This office was manned full time by LAO Field Maintenance Technicians from ARRCOM, CERCOM, 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 all M915 series commercial construction equipment vehicles, the AH-1S Modernized Cobra, UH-60 Blackhawk, and the M967 5000-gallon Fuel Tanker. In addition, LAO personnel participated and assisted with MOBEX and EDRE Exercises and assisted DIO personnel at Fort McClellan and Fort Rucker in resolving problems surfaced and identified by CLRT and LATT visits. A maximum effort was also expended assisting C Troop, 1st/6th Cavalry, activated at Fort Rucker during FY 80, getting organized and obtaining authorized TO&E equipment.

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 all customers.

LAO made initial visits to over 50 National Guard and USA Reserve units/organizations "new customers" during FY 80.

# ARMY NATIONAL GUARD (ARNG) MULTI-MEDIA GROUP

## MISSION:

Manages, develops, coordinates, and monitors the planning and administration of all multimedia instructional programs for ARNG aviation. Influences the training of over 5,000 ARNG aviators and crew members via a learning center network at the 90 aviation facilities throughout the 50 states, the District of Columbia, Puerto Rico, and the Virgin Islands.

Manages, develops, coordinates, and monitors the planning and administration of a safety educational program for the ARNG. The program influences over 340,000 Guardsmen and covers all aspects of safety to include aviation and general safety and the Occupational Safety and Health Act (OSHA) of 1970.

## ORGANIZATION:

The ARNG Multi-Media Group was 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 was provided by the US Property and Fiscal Officer (USP&FO) for Alabama.

## KEY PERSONNEL:

The Multi-Media Group was authorized and assigned six personnel, five of whom were ARNG technicians. Four of the technicians were instructional systems design and development specialists.

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>DATES</u>
MAJ Kenneth O. Boley	Manager	All of 1980
CPT Gary E. DeKay	Training Specialist (Safety)	All of 1980
CW2 William W. Shawn	Training Specialist (Aviation)	All of 1980
WO1 Ronald G. Swihart	Illustrator	All of 1980
SSG Jules M. Hobbie	Media Specialist	All of 1980
Mrs. Shirley Hughes	Administrative Specialist	All of 1980

## ACCOMPLISHMENTS:

The Group was originally organized to support the individual aviator proficiency training program throughout the Army National Guard by developing audiovisual packages composed of all available multimedia material in the DoD structure. The Group supplemented the program by developing and producing audiovisual material for ARNG peculiar requirements which could not be satisfied by other sources. That mission was possible due to the media-oriented staff and in-house television, slide, and audio recording production capability. The acquired or developed material was then distributed to the ARNG learning centers established at each aviation support facility. During 1980 over 1,800 individual lessons were furnished to those training centers.

The Group recognized a need for aviation life support equipment (ALSE) training in the ARNG in 1979 but found an absence of appropriate training materials in the Army structure. Thus plans were begun to design an exportable program with which to train ARNG ALSE technicians, aviators, and crew members. The first aspect of the program involved the design and production of ALSE posters, and once they began being fielded DARCOM Headquarters adopted them for use in the active Army. During 1980 over 5,000 individual posters were distributed to the ARNG and to Army units worldwide. The next phase of the program involved coordinating with the other Services for

existing materials and the in-house design and production of programs to satisfy Guard peculiar requirements. By the end of 1980 the Group's library supporting the field contained nearly 20 separate lessons on various aspects of life support, and many additional programs were scheduled for production.

The Group's general safety mission, first assumed in 1977 and actively pursued the following year with the addition of a Training Specialist (Safety), made tremendous strides in 1980. A completely exportable Unit Safety Officer/NCO Training Course was implemented via in-house productions and civilian contract productions through the Training Extension Course (TEC) program of the Army Training Support Center, Fort Eustis, Virginia. The course addressed 13 separate areas of responsibility, and during 1980 over 8,800 copies of three in-house developed lessons were distributed by the TEC system, in the Beseler Cue See format, Guard wide, to all 2,900 Guard armories and associated facilities. During the year a second course on Range Safety was designed for development by the TEC system, and ten lessons were in various stages of design or production by the end of 1980.

In a totally different area, the Group expanded upon experience gained the previous year with Special Emphasis Safety Programs and designed a national campaign to reduce injury and property damage accidents in Army motor vehicles (AMVs). The rewarding success of the 1979 program, which received US Army Chief of Staff support, served as a springboard for the second one entitled "Operation Safe-Guard 1--Arrive Alive." Emphasizing special safety problems associated with selected vehicle operations, the program incorporated a 16mm film, recall decals, posters, and driver aids to emphasize correct driver operations. The program achieved significant reductions in injury, fatality, and property damage losses involving AMV operations.

Another major program of 1980 involved the design and distribution of posters addressing all aspects of safety. Throughout the year over 60,000 were mailed to facilities Guard wide.

The year proved to be an exciting one for the Multi-Media Group, with advancements made in many areas. A totally new state-of-the-art video production system was acquired which tremendously expanded in-house capabilities. Two 16mm films were designed for the Guard and completed by the Army photographic facilities at Redstone Arsenal, Alabama.

# DEFENSE PROPERTY DISPOSAL OFFICE

## MISSION:

To receive, classify, and store excess and surplus property generated by installation activities, effect disposition of property through reutilization, transfer, donation or sale, and provide advice and technical assistance to the installation Commander on disposal matters.

## ORGANIZATION:

The Defense Logistics Agency (DLA) is assigned the responsibility for worldwide integrated management of the Defense Property Disposal Program. The Defense Property Disposal Service (DPDS), a major field agency of DLA, headquartered in Battle Creek, Michigan, exercises program management and staff supervision of the Defense Property Disposal Program. The DPDS is comprised of 5 regions: Defense Property Disposal Region (DPDR) Pacific, DPDR Europe, DPDR Ogden, DPDR Columbus, and DPDR Memphis, headquartered in Memphis, TN. The Defense Property Disposal (DPDO) Rucker is a field activity of the Memphis Region. The activity is organized into the following elements:

- Administrative Support
- Documentation
- Property Management
- Reutilization
- Sales Preparation

## KEY PERSONNEL:

Authorized personnel staffing is 10 civilians. Key personnel are assigned as follows:

- Loretta Culpepper, GS-11 - Chief - 2 years
- Enzell Tharpe, GS-9 - Property Disposal Specialist-Utilization - 1 year
- Willie G. Faniel, GS-7 - Property Disposal Specialist-Sales - 2 years
- John W. Powell, WL-6 - Receipts Coordinator - 1 year

During the period there was 1 promotion, 1 personnel gain and 1 personnel lost.

## ACCOMPLISHMENTS:

During FY 1980 the activity accomplished the following:

Line Items Received	14,865	Acquisition Cost	\$11,813,227
Line Items Disposed of	14,082	Acquisition Cost	\$11,543,928
Line Items Reutilized and transferred	1,925	Acquisition Cost	\$2,307,497 (an increase of over a million dollars)
Line Items Donated	3,122	Acquisition Cost	\$2,023,823
Usable Property Sold	\$1,477,422	Proceeds	\$121,660
Percent of Returns	8%		
Sale of Scrap, Net Tons	1,098	Proceeds	\$62,958

Precious Metals

Received from the installation and shipped to DPDM-Earle for recovery.

Grams of Silver	16,465
Pound of Scrap Film and spent Hypo Cartridges	5,508
Pounds of Gold Plate	61
Pounds of Spark Plugs for Platinum Recovery	424

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 1980 DPDO Rucker reutilized property valued at \$2,110,379 to other DoD activities.

Employee awards received during this period included 1 Outstanding Performance Award, and 4 Safety Awards.

# US ARMY CRIMINAL INVESTIGATION

## 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 Field Office is part of the Third Region, USACIDC, which is headquartered at Fort Gillem, GA.

## KEY PERSONNEL:

<u>KEY PERSONNEL</u>	<u>POSITION</u>	<u>ARRIVAL/DEPARTURE DATES</u>
CPT Karl C HUBBARD	Commander	All of 1980
SA David F JOHNSON	Operations Officer	All of 1980
SA Morris E CARLTON, JR	Chief, Investigative Support	31 Jul 80 - Present
SA Robert L BEIGHTOL	Criminal Information Officer	All of 1980
Mrs Shirley M SCHIED	Chief, Administrative Support	1 Jan 80 - 13 Dec 80

## ACCOMPLISHMENTS:

Investigative activities of the Fort Rucker Field Office during the period 1 Jan 80 - 31 Dec 80 increased in the area of on post investigations with the majority of the offenses being crimes against property. Through the combined efforts of the Provost Marshal and the Criminal Investigation Division (CID), a Joint Drug Suppression Team was organized and operated throughout the report period. Due to these efforts, a significant increase in drug investigations was realized. There was a significant increase in Crime Prevention Surveys conducted. Polygraph examinations increased and Criminal Information Reports remained stable during this period. There was no marked increase in the Lead Requests for assistance received. There was an increase in the number of evidence vouchers retained in the evidence depository due to increased caseload. No protective service missions were received.