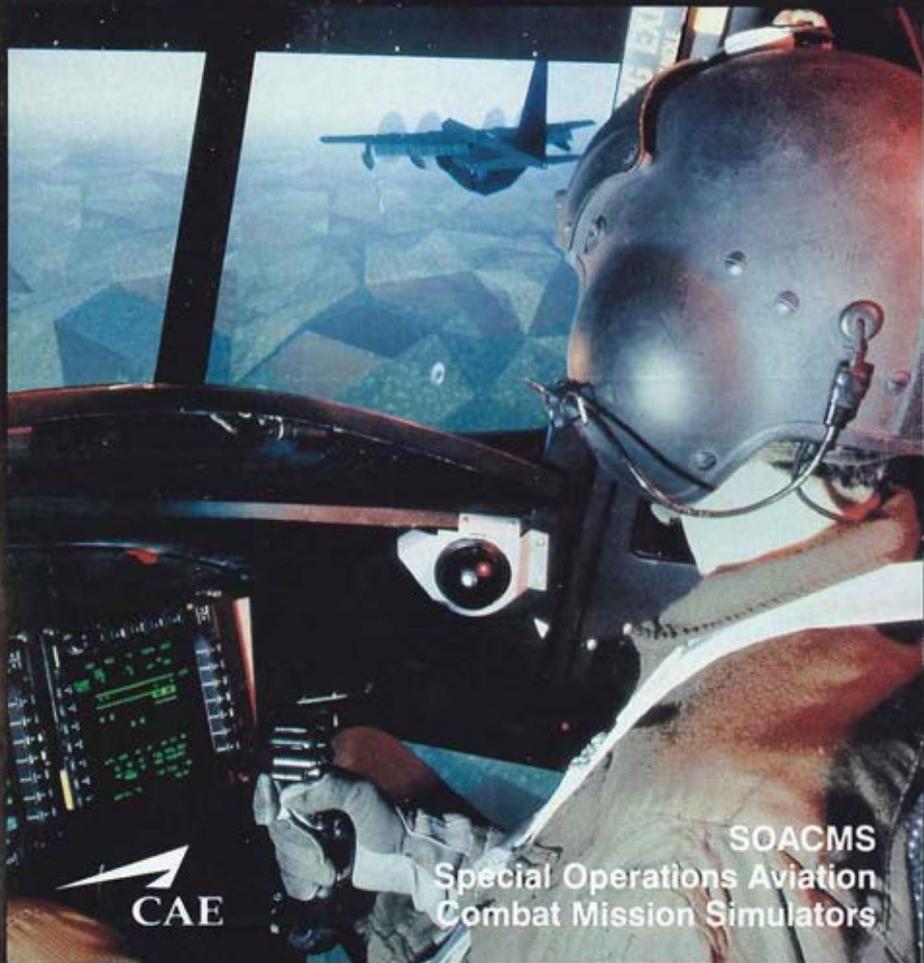


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August/September 1993 — 1993 AAAA Blue Book Issue.

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## Briefings

One of the three female aviators who began their attack helicopter transitions the first week of May has graduated. **2LT Charlene Wagner** graduated from the AH-1 Aviation Qualification Course (AQC) on 17 June 1993. **1LT(P) Angie Norman** and **CW2 Cathy Jerrell**, are expected to graduate from the AH-64 AQC in late summer.

The first preproduction Fire Control Radar (FCR) for the **AH-64D Longbow Apache** arrived at **McDonnell Douglas Helicopter Company**, Mesa, AZ on 21 June 1993 for integration with AH-64D Prototype Number 2. First flight with the Longbow FCR is scheduled for August. Prior to the first flight, the FCR will undergo verification and integration testing.

The **U.S. Army Aviation and Troop Command (ATCOM)** has awarded **Sabreliner Corp.** a one year, \$4.6M contract to repair and modify fuel controls used on T53 engines that power the UH-1 "Huey" helicopters. The contract provides for potential second and third year orders that could make its total value more than \$30M.

The **Third Annual Air Assault Challenge** will be held 17-19 November 1993 at the U.S. Army Aviation Center, Ft. Rucker, AL. There will be eight scored events in the competition, including an obstacle course, Swiss Seat/Rappel Tower Run, and a 12-Mile Foot March. A pre-challenge pamphlet and entry information are available by writing: **Commander, D Co, Air Assault School, 1st Battalion, 10th Aviation Regiment, 1st Aviation Brigade (Air Assault), Ft. Rucker, AL 36362-5000.** The Air Assault School can also be contacted at (205) 255-6336/4787, or DSN 558-6336/4787. Registration deadline is 6 November.

**Lucas rescue hoists** proved to be key in the life-saving rescues of 77 people trapped in the Smokey Mountain National Park on the Tennessee-North Carolina border when a massive snow storm swept through the region in mid-March. The **50th Medical Company**, 101st Airborne Division, Ft. Campbell, KY was called in for emergency rescue and employed six UH-60 Black Hawks, four of which were equipped with the hoists. The hoists performed many consecutive lifts from altitudes up to 250 feet.

The **6th Infantry Division (Light)**, Ft. Wainwright, AK presented two soldiers with annual awards on 2 June 1993. **SGT John Lee** received the title of Crew Chief of the Year in recognition of his dedication to keeping the two AH-1F Cobra helicopters consigned to his care running safely. **SPC Gary Hartrick**, Troop D, 4th Squadron, 9th Cavalry, was named Mechanic of the Year for his ability to maintain radios and navigational equipment.

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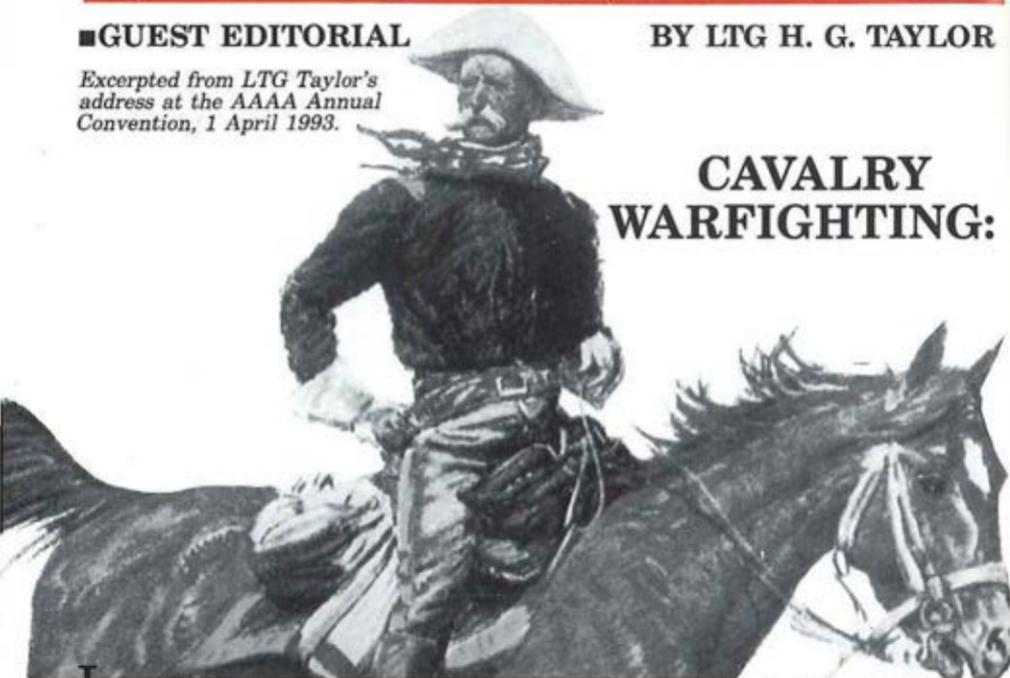


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*Excerpted from LTG Taylor's address at the AAAA Annual Convention, 1 April 1993.*

## CAVALRY WARFIGHTING:



I would like to address a problem that I feel exists on today's battlefield and how I think you in the Army Aviation community can help us solve it. It's one that I have personally experienced on exercises as a brigade, division, and corps commander and have witnessed hundreds of times as the commander of the National Training Center (NTC).

The problem I refer to is the inability of tactical commanders to see the battlefield and focus combat power at the decisive time and place.

This issue was born when the horse cavalry outfits of the past were driven from the battlefield and replaced by armored and mechanized

units. At that point, the battle captain lost the round-the-clock, all-weather, all-terrain capability to stealthily gain and maintain contact with the enemy.

It is a problem I feel can be solved today, by employing Army Aviation assets like the Apache, the closest true cavalry platform since the horse, to fulfill the traditional roles and missions of horse cavalry that were performed by the cavalry in the days of Alexander the Great, Hannibal, and the great Roman legions.

Those outfits were characterized by mobility, speed, shock effect, and fire power that enabled them to be out front at extended distances from

## FROM HORSE TO HELO



the main body. They were able to maintain contact with the enemy and deny him information, while passing back vital information to the great captains of that day that allowed them to see through the fog of battle and react at the decisive place and time.

**I**n the 19th and early 20th centuries, technological advancements in observation and reconnaissance, the soldier's killing capabilities, fire support, and communications precluded horse mounted cavalry outfits from operating freely on the battlefield.

This in turn impeded the com-

manders' ability to see the battlefield and react decisively. The results were the long years of stalemated trench warfare during World War I.

It took the development of armored vehicles, the building of armored organizations, and the development of armored warfare doctrine to help return cavalry's mobility, speed, and shock effect to the battlefield. Once again, commanders such as Guderian, Rommel, Patton, and Bradley possessed the means to decisively win battles.

**B**ut the only constant in life and in warfare is change. We have had

changes in battlefield lethality ("What can be seen can be hit, and what can be hit can be destroyed") which increase the size of the area of operations, now measured in thousands of square kilometers; and advancements in the instruments of war, such as the helicopter.

We need to relook how commanders see the battlefield and focus combat power, especially at the Corps and Division levels.

Additional support for re-examining the use of assets comes from our DESERT STORM experience. One example was the 1st Armored Division's employment of Apaches to execute reconnaissance in force as a prelude to the division's G-Day attack.

When then Major General — now Lieutenant General — Ronald Griffith needed to get his division moving, he sent his Apaches reconning well forward, to obtain the information on enemy locations and terrain that was necessary to accelerate the Division's movement and attack.

**C**onsider the size and composition of an outfit like the heavy corps:

- four to five combat divisions;
- an armored cavalry regiment;
- several brigades of artillery;
- a corps aviation brigade;
- a COSCOM and six brigades and two groups of support folks.

After mobilization, we are talking about focusing the efforts of over 160,000 people and 38,000 vehicles.

In addition, there are plenty of people who can put holes in the enemy:

- over 1,000 M1A1 Abrams tanks;
- over 1,500 Bradleys;
- nearly 1,000 artillery tubes and rocket launchers;
- and over 160 Apaches, our most agile and versatile weapons platform.

These systems fill out over 50 combat battalions and require synchronization and focusing at the decisive time and location against a living, thinking, and reacting opponent.

**A**s I said before, the area of operations has grown in both size and dimensions. Today, it is a three dimensional battlefield, with extended depth to front, rear, and flanks. It's now measured in thousands of square kilometers, and while it is a challenge pulling it all together, I have found over the course of numerous large scale training exercises, that the employment of my corps aviation assets, the 6th Cavalry Brigade, operating as a traditional cavalry force, was the critical difference.

It is the day-night, all weather, all terrain characteristics of the cavalry we most need in our aviation forces. Longbow will provide these characteristics to the Apache. Comanche, designed for the cavalry role from the outset, takes us a leap ahead in this capability.

We look forward to the increased  
**(Cavalry — continued on p.54)**

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## SIMULATION: HARNESSING THE POWER OF THE MICROCHIP

The Aviation Warfighting Center's Directorate of Simulation (DOS) is committed to capitalizing on futuristic systems to train the warfighter today and tomorrow.

Our simulation thrusts dovetail with the Army's efforts to provide leadership in the development of Distributed Interactive Simulation (DIS), a major effort to harness the power of the microchip.

The Army's DIS program is expanding the use of simulation from the traditional, but still significant, training domain to a concept known as Battlefield Distributed Simulation-Developmental (BDS-D). BDS-D is quickly expanding simulation into the combat, materiel, and training development domains.

Spearheaded by DOS, our efforts

### *The roles and applications of simulation in the Army's Aviation Branch.*

in training simulation, leader development, and science and technology development will ensure that the aviation warfighters continue to ride the crest of the technology wave.

Army Aviation simulation training programs will be integrated into the Combined Arms Tactical Trainer (CATT) family of manned simulators to ensure that we receive the benefits of DIS.

DOS is focusing on future training simulation that is developed for individuals, aircrews, and maintainers to attain and sustain skills necessary to accomplish their mission. We are pursuing training at the individual, crew, and collective levels.

The Aviation Combined Arms Tactical Trainer (AVCATT) will be an aviation component of the CATT



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family of collective training simulators. Special emphasis is placed on ensuring that aviation forces are provided the best collective training possible to prepare them to fight as members of the combined arms team. Army aviators will experience task loading and achieve unit cohesiveness by fighting collectively in the AVCATT.

The use of embedded training, Aircraft Survivability Equipment Trainer (ASET) IV, Multiple Integrated Laser Engagement System/Air Ground Engagement System (MILES/AGES) II, and Tactical Engagement System (TESS) at Combat Training Centers (CTCs) will further enhance the collective training capability of our units. TESS replicates fire and forget Longbow Hellfire, and MILES/AGES II provides real-time casualty assessment during force-on-force unit collective training exercises.

**T**he Aviation Test Bed (AVTB), formerly called AIRNET, is the centerpiece for Army Aviation warfighter leader development simulation efforts. Training, testing, and warfighting simulations are routinely conducted with exciting results. The value of conducting collective training in this facility has surpassed the expectations of everyone concerned.

This technology provides an excellent After Action Review

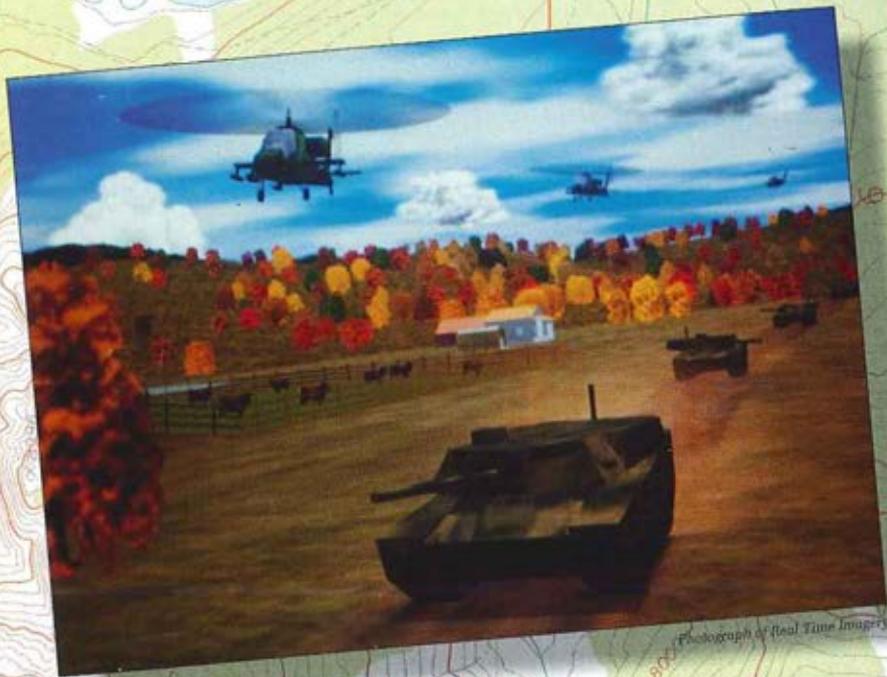
capability with immediate replay of individual actions. By using virtual simulation, students can perform collective task practical exercises to hone their warfighting skills.

These exercises in the simulator will be an important stepping stone to field training exercises and CTC experiences because they allow for performance evaluation, improve unit cohesiveness, provide a safe environment, and aid in the development of the commander's training strategy.

**A** major challenge for the Aviation Center's DOS is to ensure that the AVTB is ready, with credible aviation forces, to support TRADOC Battle Lab efforts and warfighting simulations, such as the Louisiana Maneuvers. Significant efforts are being made to ensure that the necessary technological upgrades are made to the facility and that aviation resources are adequately represented on the Defense Simulation Internet.

We are presently addressing resource issues to integrate JANUS (a constructive simulation used by battalion commanders to train subordinates in fighting the close battle) and the Brigade and Battalion Simulation (BBS) into our training programs at Ft. Rucker. JANUS is on track and will be integrated into command and control leader training in

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FY94. We are scheduled to receive BBS in FY95. The establishment of a facility, appropriate terrain data base, and ancillary equipment for BBS training are in progress.

Army Aviation simulation development programs will be integrated into BDS-D to ensure that the benefits of DIS complement training development, combat development, materiel development, and testing.

In an era of budget constraint, the aviation community must consolidate resources to take advantage of reconfigurable cockpits, common software, hardware, and Semi-Automated Forces (SAFOR). A TADSS Process Action Team has been chartered to further this effort.

The Advanced Rotary Wing Aircraft (ARWA) is an overall Research and Development program that will help pull together all Army Aviation simulation development and virtual prototyping requirements for collective training, warfighting, future specific aircraft systems, battle labs, and testing. Immediate work will focus on pulling together developmental requirements for three separate initiatives:

- Future individual and aircrew sustainment training simulators.
- AVTB upgrades to meet system verification, validation, and accreditation standards.
- Fielding of AVCATT.

By the year 2000, the Army will construct and demonstrate a robust variety of synthetic environments to significantly improve simulation at all levels. Included will be the networking of manned virtual simulators, live simulation at the

CTCs, and constructive models like Warfighters' Simulation 2000 (WARSIM 2000).

Such efforts will allow the materiel developer, combat developer, trainer, and warfighter to influence the acquisition process from concept to

production and beyond.

Simulation will become a cornerstone of the acquisition cycle, while also providing our warfighters with a training and doctrinal developmental tool which supports the Army's mission in today's constantly changing world order.

★★

MG Robinson is Chief, Aviation Branch and Commanding General, U.S. Army Aviation Center and Ft. Rucker, AL and Commandant, U.S. Army Aviation Logistics School.

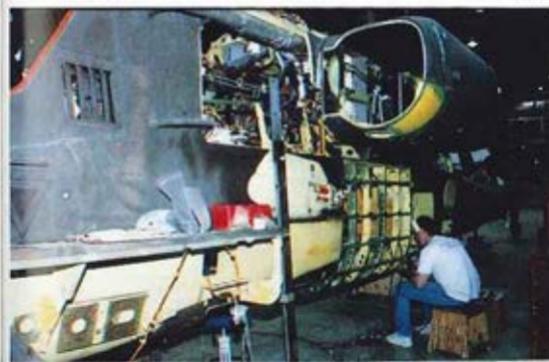
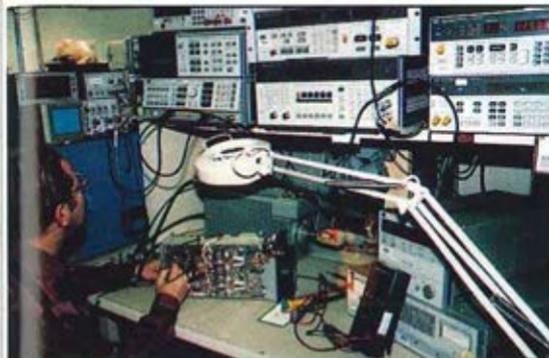
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## THE ARMY'S TOOL FOR VISUALIZING THE FUTURE

Army Aviation was introduced to the computer age of simulation in the early 1970s with the fielding of the 2B24, the UH-1 Flight Simulator. The 2B24 was state-of-the-art in those early days of simulation. Pilots could plan and fly an instrument flight in the Dothan-Ft. Rucker, AL local area without ever starting an aircraft. Instrument training and flight safety was the "issue of the day." The 2B24 was primarily developed to teach Army aviators instrument flight procedures and, when required, to conduct instrument check rides.

With the advent of high speed simulation computer systems and computer generated imagery, more than just instrument flight training became feasible. Army aviators learn-

### *An overview of the mission of the Simulation, Training, and Instrumentation Command (STRICOM).*

ed that weapons engagement, tactics, techniques, and procedures could also be taught and practiced in the simulator.

There are currently 22 UH-1 Flight Simulators (FS), seven AH-1 Flight/Weapons Simulators, six CH-47 FS's, 18 UH-60 FSs and

eight AH-64 Combat Mission Simulators (CMS) fielded world wide supporting Army Aviation training. Even today, no one advocates that simulation can replace field duty, aerial gunnery, or actual flight experience, but most critics do agree that simulation is an asset to aviation and is becoming a more valuable tool each day.

Simulation in the 90's is like the automobile advertisement that states, "This is not your father's Oldsmobile!" It is just not the same

as it was when the 2B24 was fielded. Today, simulation is not limited to training individual crews or crew members. The Army plans on using simulators and simulations connected in networks to define and develop the equipment, structure the forces and define the doctrines of the 21st Century Army. The Aviation Test Bed Facility (AVTB), at Ft. Rucker, AL, is one of the networked simulations that will take Army Aviation into the future.

Currently the AVTB has eight low fidelity rotary wing simulators supporting Army Aviation simulations and experiments along with conducting limited training for the Aviation Basic and Advanced Courses.

During experiments, these simulators are flown by operational units. Having qualified line pilots in these simulations provides the "man in the loop", a human element that can not be effectively modeled. This human element gives us more confidence in decisions than ones based on stochastic data only.

The present configuration of the AVTB does not provide the numbers of cockpits or the fidelity required to support planned future simulations and experiments. To overcome this inadequacy, the Army is procuring high fidelity simulators to augment the current fleet of low fidelity simulators.

## STRICOM

The Simulation, Training, and Instrumentation Command (STRICOM) was organized as a provisional command on 16 March 1992, and was formally approved as a Major Subordinate Command (MSC) of AMC 1 August 1992.

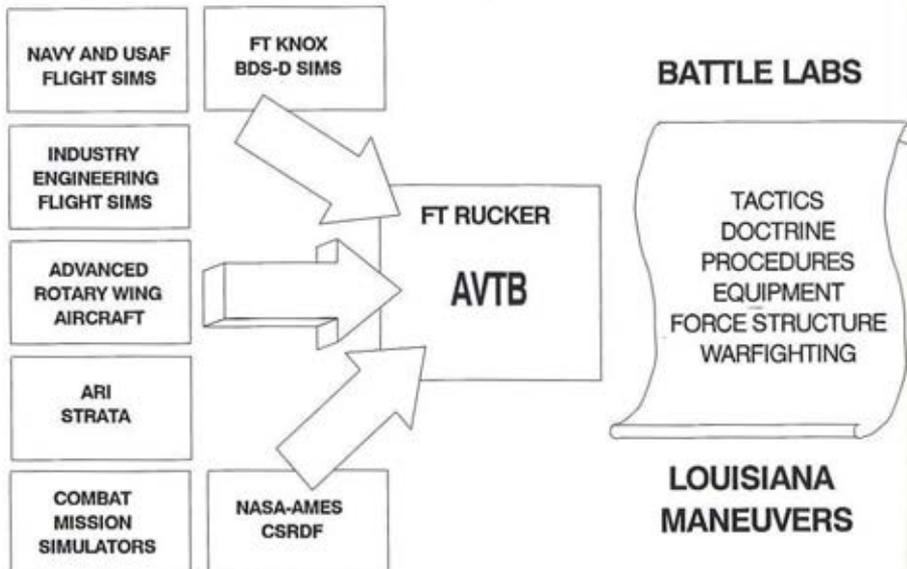
STRICOM's mission is to provide training and test simulation, simulator, target and instrumentation products and services to: develop and sustain warfighting skills; create a synthetic environment to evaluate concepts and support requirements definition; and support materiel development and test and evaluation. The four basic program/project offices are: Training Devices (TRADE), Combined Arms Tactical Trainer (CATT), Instrumentation, Targets, and Threat Simulators (ITTS), and Combined Arms Assessment Network (CAAN).

## EDITOR'S NOTE

The subject of simulation generated so much interest that we received many more articles than we could possibly publish in this one issue. Look forward to the next several issues for articles ranging from individual flight simulators to virtual warfighting.

# AVIATION SIMULATIONS

LEADING THE ARMY IN VISUALIZING THE FUTURE



The Advanced Rotary Wing Aircraft (ARWA) program will provide the high fidelity aviation simulators for the AVTB. On 1 April 1993, MG Robinson and MG Irby were briefed on the ARWA concept. They directed the development of one Attack and one Armed Reconnaissance ARWA simulator.

**P**EO Aviation and STRICOM are currently working on the specification and programmatics of this procurement. These simulators are being developed with a software intensive design.

The ADA simulation software will incorporate a modular, reusable design which will allow for

rapid changes in the Mission Equipment Packages for the aircraft being simulated. The built in flexibility and reconfigurability of the ARWA ensures the simulator will support future simulations and experiments.

The Chief of Staff, GEN Gordon R. Sullivan, is defining the Army's vision for the 21st century using a series of simulations designated as "Louisiana Maneuvers" (LAM). Just like the Louisiana Maneuvers conducted in 1939-1941 by the General Headquarters (GHQ) was a "simulation" used to prepare the Army for World War II, the contemporary LAM is envisioned to aid the transition from the Cold War

Army to a CONUS-based, Force Projection Army.

Army Aviation, through its complement of engineering, fielded, and test bed simulators, will be playing a key role in LAM. A Comanche engineering flight simulator in Stratford, CT has been networked with the Crew Station R&D Facility at NASA Ames Research Center, Moffett Field, CA and AVTB. Currently USAAVNC is planning to network the two AH-64 Apache CMSs and the two UH-60 Black Hawk FSs, now in operation at Goodhand Hall, with the AVTB and the Army Research Institute's Simulator Training Research Advanced Test Bed for Aviation (STRATA). This simulator marriage at Ft. Rucker is a vital tool the Army will use, not only to train, but to gain valuable insight and experience on new systems and concepts as the Army addresses its changes.

U.S. Army Training and Doctrine Command's (TRADOC) Battle Labs will also use simulations to experiment with new warfighting concepts and new equipment capabilities. GEN Frederick M. Franks Jr., CG, TRADOC, envisioned Battle Labs being able to examine the latest concepts of battlefield organization, tactics, doctrine and technological capabilities. Even though the Aviation Warfighting Center is not a TRADOC Battle Lab, the Aviation Test Bed Facility at Ft. Rucker is Army Aviation's crucial link into all

six Battle Labs.

Louisiana Maneuvers and Battle Labs provide aviation the means for identifying and addressing changes as the Army moves toward the 21st century. Already the AVTB is scheduled to participate in the Joint Precision Strike and Warbreaker simulation exercises, looking at new warfighting concepts. The ARWA/AVTB, via the Battle Labs, will be used by combat developers to assess aviation requirements and technologies prior to expending scarce resources pursuing technology that may or may not add combat value. It will also be used by the Army leadership as a decision making tool to help assess aviation as the Army restructures to a power projection, CONUS based force.

In the past, simulation has provided us a training capability that augments flying. It has allowed pilots to focus on safety issues and hone their cockpit and combat mission skills. Today, and in the future, simulation will provide insight into the way we fight; it will help us determine our optimum force structure; and it will help us choose the most cost effective capabilities to build into our equipment.

★★

*LTC Russell is the Product Manager, Air Combat Training Systems, PM TRADE, STRICOM, Orlando, FL.*

*Mr. Jones is the Deputy Product Manager for Air Combat Training Systems, PM TRADE, STRICOM, Orlando, FL.*

## DOS: AVIATION'S WARFIGHTING HUB

The Directorate of Simulation (DOS) was established by the Aviation Center Commanding General in March 1992. It has been tasked to outline an aviation simulation strategy which will provide the road map for the development and procurement of the Training Aids, Simulators, and Simulations (TADSS) necessary to support future aviation requirements.

DOS's organization includes a Training Device Division; Aircraft Survivability Training Management Division; Software Development and Management Division; and a Warfighting Simulation Division.

Warfighting is the central theme for the developing simulation strategy. Priority for TADSS will center on the aviation forces outlined in the Army Aviation Modernization Plan (AAMP)

### *Ft. Rucker's road map for the development and procurement of training aids, simulators, and simulations.*

with requirements determined by the aviation combined arms training strategy.

From a training perspective, significant effort is being made to ensure that collective and crew training has top priority, with aviation participation at the Combat Training

Centers being of the utmost importance. The bottom line is to ensure that appropriate state-of-the-art TADSS are available to support the training of aviation units to fight as members of the combined arms team.

To keep pace with the significant advances being made in the use of simulations to support combat, materiel, and training development, to include testing and evaluation, a Warfighting Simulation Division was established.

Using the Aviation Test Bed at

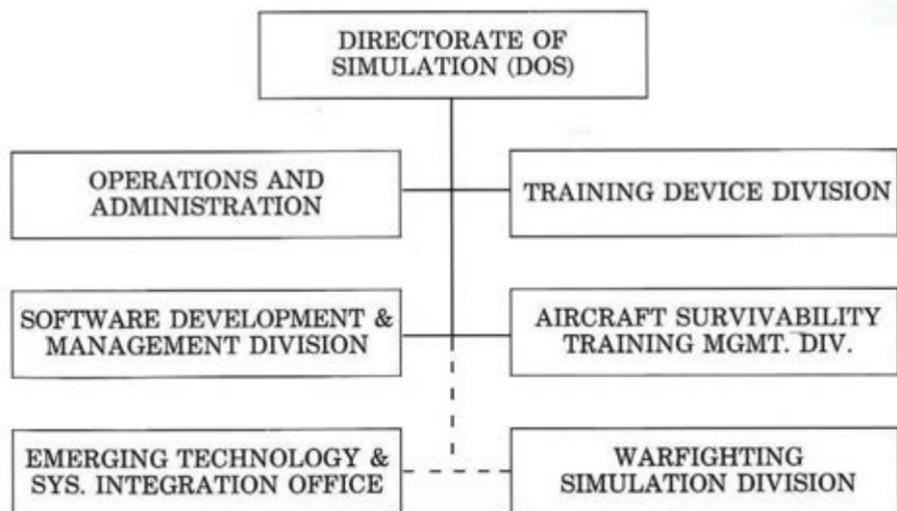


Figure 1

Fort Rucker, and the Aviation and Troop Support Command (ATCOM), Crew Station Research and Development Facility at NASA Ames as center pieces, significant effort and interest is being focused on preparing the aviation community to participate in the Louisiana Maneuvers and TRADOC Battle Labs; advanced technology demonstrations such as A2-ATD and JPSP; and for the testing and evaluation of future weapon systems.

The complexity of developing an aviation simulation strategy dictates that the authors include representation from numerous agencies to represent the aviation branch as a whole. As such, a process action team with representatives

from the Aviation Center, Aviation Program Executive Office, ATCOM, and Simulation, Training and Instrumentation Command (STRICOM) has been established with the charter to: define the process for requirements determination and acquisition of TADSS; and develop a Distributed Interactive Simulation (DIS) strategy to ensure TADSS are available to enhance the warfighting capabilities of Army Aviation.

A National Guard officer will be assigned to DOS in July to help ensure that the simulation needs of Aviation Reserve Forces are properly integrated into the plan; and industry and academia expertise is (DOS — continued on page 55)

## SIMULATION STRATEGY: A ROAD MAP TO FUTURE TADSS

In the post Vietnam era, Army Aviation Training Aids, Devices, Simulations, and Simulators (TADSS) have made a significant contribution to training. We have developed effective flight simulators, combat mission simulators, and part-task trainers for training individual aviators, crewmembers and maintainers. These TADSS permit us to better evaluate student performances, provide a safe training environment, mitigate the adverse environmental effects of low-level flying, and save on the cost of fuel, maintenance, and parts.

Army Aviation simulation continues to use current and planned aviation systems, configurations, tactics, and doctrine as a foundation for TADSS strategy. Working within

*A review  
of the  
simulation  
requirements  
that will  
affect the  
acquisition  
process.*

the framework of the Combined Arms Training Strategy (CATS), our goal is to field the TADSS necessary to maximize training effectiveness in operational units and at the institution. Acquisition strategies for aviation TADSS

must continue to support aviation systems identified in the Army Aviation Modernization Plan (AAMP).

In the future, simulation will play an even greater role in acquisition strategies. The Assistant Secretary of the Army for Research, Development, and Acquisition (RD&A) has issued a policy memorandum, effective January 1994, requiring all acquisition strategies for Acquisition Category I and II programs, to have a Simulation Support Plan. This plan will explain the simulation

approach, strategy, and rationale for the use of constructive, virtual, and/or live simulation under the Army's Modeling and Simulation (M&S) and Distributed Interactive Simulation (DIS) programs. The Army's DIS program is further divided into programs for training and development.

Training simulation programs will benefit from DIS protocol standards and networking technology under the Combined Arms Tactical Trainer (CATT) family. Under CATT, future TADSS will be developed for individuals, aircrews, and units to attain and sustain skills necessary to accomplish their mission.

- Individual training will be provided through Computer-Based Instructional (CBI) systems which include authoring stations for software development and rapidly reconfigurable part-task trainers for system switchology training.

- Crew training will be provided by flight simulators, combat mission simulators, embedded training devices, and area weapons scoring systems. Crew training simulators might be fixed based and full motion at the institution

but should be mobile or transportable for unit training. We learned during Operation DESERT SHIELD that Apache warfighters need a mobile combat mission simulator that deploys with their unit.

- Collective training TADSS must be provided to prepare units to fight as members of the combined arms team. Networked, manned, virtual simulators, such as the Aviation Combined Arms Tactical (AVCATT), will provide

Army aviators with a means to experience battlefield conditions while performing collective task training and mission rehearsal.

The ability to perform as an aviator or crewmember at the institution does

not guarantee the ability to function as a member of an Attack Helicopter Company (ATKHC) nor an Air Cavalry Troop (ACT). When ATKHC and ACT units practice warfighting skills against enemy forces in the AVCATT warfighting facility, they will achieve the unit cohesiveness necessary to win the first battle on the actual battlefield.

Development simulation will be integrated into the Battlefield

***“We learned during Operation DESERT SHIELD that Apache warfighters need a mobile combat mission simulator that deploys with their unit.”***

Distributed Simulation Developmental (BDS-D) program to ensure the benefits of DIS complement training development, combat development, materiel development, and testing.

As the Army moves toward a concept of "virtual prototyping before acquisition," the Aviation Test Bed (AVTB) offers a DIS facility where development, testing, training, and warfighting simulations are routinely conducted with exciting results.

Science and technology advances in the use of simulation are occurring daily, much to our advantage. There is a lot to be gained by the use of common simulation components and we must have the vision to take advantage of this development.

Likewise, our strategy has to be in balance with the availability of resources. Therefore, we feel the aviation community will mutually benefit from a strategy that emphasizes the consolidation of resources to take advantage of reconfigurable cockpits, common Semi-Automated Forces (SAFOR), computer software, and hardware.

An integrated program is needed that will pull together all the Army aviation simulation requirements for collective training, warfighting exercises, specific

systems, battle labs, testing, industry, and academia. The Advanced Rotary Wing Aircraft (ARWA) program has great promise in this regard.

Seven basic tenets have thus emerged to characterize our new Army Aviation simulation strategy:

- Support aviation systems in the AAMP and include TADSS strategy in the CATS.
- Integrate programs into DIS so the benefits of CATT and BDS-D complement training, development, and testing.
- Expand individual and crew training focus to include collective training and mission rehearsal.
- Prepare the AVTB for future advanced technology Demonstrations, virtual prototyping, and warfighting simulations such as the Louisiana Maneuvers.
- Consolidate resources and use reconfigurable cockpits, common SAFOR, computer software, and hardware.
- Maintain the ARWA as the priority RD&A program leading to AVCATT, AVTB upgrades, and aircraft system sustainment trainers.
- Be active players on the Simulated Battlefield.

★★

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## AVCATT: "WARFIGHTING IS OUR BUSINESS"

**M**G Dave Robinson looked sternly out into the audience, pointed his right index finger with conviction and declared, "Warfighting is our business, and don't you forget it."

While this opening statement at the 1993 AAAA Convention set the tone for the conference, it also describes the Aviation Force of the 90s and beyond.

Since the first use of armed helicopters in the early 1960s, Army Aviation has expanded in size and in significance to become the most flexible maneuver element of the combined arms team. Our success in Operation DESERT STORM proved that superbly trained troops with tough confident leaders, combined with properly maintained and employed advanced technology

*The Aviation member of the Combined Arms Tactical Trainer family is almost here.*

weapons, provide the essential ingredients for success on the modern battlefield. We will need these same capabilities again and must train and equip to that end.

Yet it is combined arms training that seems to suffer the greatest during these

times of funding shortfalls, billpayers, and zero sum gains. Overmatching weapons systems alone do not always ensure victory. Well-trained units are as crucial a force multiplier as the most modern equipment.

Shortly after Operation DESERT STORM, GEN H. Norman Schwarzkopf stated that even if he changed equipment with the Iraqis, we still would have beaten them — a vigorous declaration of his confidence in the proficiency of his troops and the capabilities of his leaders.

## AVCATT ARCHITECTURE — MANNED RECONFIGURABLE SIMULATIONS

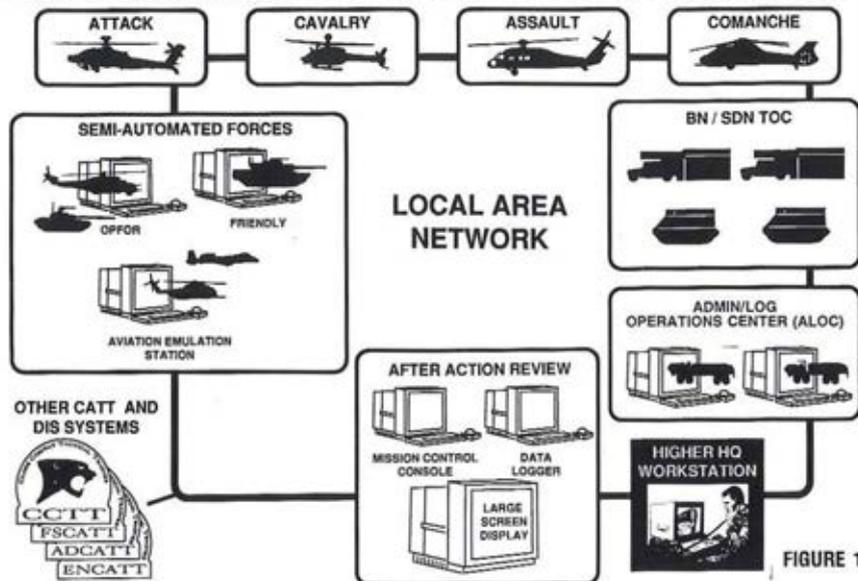


FIGURE 1

Nevertheless, with an ever changing budget, we must ask questions about the future. How will the Army Aviation force maintain over-matching training capabilities to compliment overmatching weapons systems in this era of reduced flying hours, ammunition, and combined arms training opportunities? How can we provide young leaders and their units with enough tactical experiences to insure confidence in a volatile, regional conflict?

We must also ask how are we expected to provide enough combined arms opportunities to train commanders in the art of synchronization. How do we prepare leaders to train their units to execute combined arms operations? And how do

we ensure that we do not rely on training systems that only prepare us to fight the last war?

The answers lie in our ability to capitalize on the myriad advances in simulation technology that will enable us to develop cost-effective, yet realistic, combined arms environments. The Aviation Combined Arms Tactical Trainer (AVCATT) is currently being designed to meet the needs of today's Army Aviation Force, as well as that of the force of tomorrow.

AVCATT enables Attack, Cavalry and Assault aviation units to train ARTEP-MTP tasks to standard. It provides a robust combined arms environment that includes all compo-

nents of the Battlefield Operating System. This high-technology trainer is fielded with a set of company/troop manned simulators, a battalion/squadron TOC with support workstations (Fig. 1). Through AVCATT, ground maneuver forces, logistics elements and fire support elements, including close air support aircraft are displayed on a high resolution, electronic battlefield simulating virtually every combat situation imaginable.

As a key component of the TRADOC Combined Arms Training Strategy (CATS), AVCATT provides Battalion/Squadron and Company/Troop commanders with a combined arms simulation training capability that supplements field-based training. Units will have the capability to refine their SOPs, rehearse Battle Tasks, as well as practice coordination in preparation for a Combat Training Center rotation.

As a member of the Combined Arms Tactical Trainer Family of Simulators (Fig. 2), AVCATT's open architecture design enables compatibility with other CATT systems

as well as higher echelon simulations. Its modular design allows modernization efforts to be quickly integrated into the simulators ensuring that each AVCATT site accurately reflects the training unit's actual MTO&E.

Although designed to meet training requirements, AVCATT's open architecture offers unique opportunities for Combat and Training development. New doctrine and weapons systems modifications can be evaluated in support of the Army's Battle Labs, and the Louisiana Maneuvers, as well as the Army Materiel Command's Research, Development, and Engineering centers.

An essential design goal for AVCATT and all CATT simulators is deployability. Each AVCATT manned simulator is transportable with an entire AVCATT site ready for deployment within five days. This remarkable flexibility enables commanders to take their simulators with them to sustain war-fighting skills while on long overseas deployments or to rehearse

Fig 2

## COMBINED ARMS TACTICAL TRAINER

FY 93



Close Combat

FY 94



Fire Support

FY 95



Aviation

FY 96



Air Defense

FY 97



Combat Engineers

missions prior to commitment to battle.

Like other simulation systems in the CATT family, AVCATT consists of 5 basic components:

- Manned simulators and support workstations
- Distributed Interactive System (DIS) networks and protocols
- Semi-Automated Forces
- Data bases and their processors
- After Action Review System

*Manned Simulators and Support Workstations* — AVCATT provides simulator modules designed to be reconfigured to resemble AH-64As through Ds, OH-58Ds, UH-60s, and the RAH-66. Unlike full fidelity Crew Mission Simulators (CMS), AVCATT provides functionality to those areas necessary for combined arms training and the sustainment of strong cockpit procedures and flying skills.

Known as Selective Fidelity, this concept is employed to maximize combined arms training while controlling development and sustainment costs. Each simulator has a high fidelity visual system that provides a seamless field of view resembling that of an actual aircraft. Currently, helmet-mounted displays are being considered as the primary visual display system for AVCATT simulators.

Meanwhile, manned simulators supply sensory cuing information to crew members, creating a realistic

flight environment without using large and expensive motion platforms. This realistic environment is completed with the addition of vibration, force feedback to the flight controls, and digital sound.

Reconfigurable mock-ups of a BN/SDN TOC and Admin/Log Operations Center (ALOC), are outfitted with workstations and communications equipment as well as a workstation for the Army Aviation Mission Planning System. These capabilities enable units to maintain communications and coordination with higher headquarters, subordinate units, and adjacent units. This capability also allows liaison officers from multi-national forces to participate in combined arms exercises. A workstation for the Aviation Brigade, or higher headquarters, Commander, drives the exercise from the top down and provides a wide array of views of the battlefield.

At the other end of the spectrum, teams, platoons, and companies/troops may conduct training with an unmanned or minimally manned TOC, providing AVCATT with extraordinary flexible training capabilities.

*Distributed Interactive Simulation (DIS) Networks and Protocols* — DIS is a capability pioneered by the Defense Advanced Research Projects Agency during the 1980s. Through the Simulation Networking (SIMNET) and Air Networking

(AIRNET) technology demonstration programs, DIS has matured to become the catalyst for the Army's future simulation programs.

**D**IS allows individual simulators at different locations to fight on a common electronic battlefield, each with its own computer processors — providing interaction between soldiers and systems. This networking of dissimilar simulators enables units to conduct "electronic task organization" and is a requirement for all new Army simulation systems. Thus, through local area or long haul networking with a Close Combat Tactical Trainer (CCTT) site, an Aviation Brigade could conduct a Division Covering Force operation employing the Cavalry Squadron, Attack Helicopter Battalion, and an Armored Task Force.

*Data Bases and Their Processors* — Each manned AVCATT simulator has its own Image Generator (IG) which, initially, runs a 100 x 150 kilometer terrain data base and displays critical visual information to the crew. Through a DoD standardization program called Project 2851, AVCATT is able to utilize a variety of terrain data bases enabling commanders to conduct training on virtually any part of the globe. Additionally, the IG provides thermal and night vision imaging capabilities that allow crews to realistically train at night using their PNVIS or night vision goggles.

Common to each simulator is a host processor (sim-host) which executes and holds helicopter and weapons systems flight dynamics models and serves as the simulator's interface between the IG and the distributed network. Battlefield effects such as smoke, explosions, tracers, flares, dust, etc. are dynamically modeled in the sim-host and visually modeled in the IG for display. A new image is calculated 30 times a second giving the crew a fluid view of the battle, day or night, good weather or bad.

AVCATT makes maximum use of data already developed for other simulation systems as well as data developed by the aircraft manufacturers. The reuse or re-engineering of this software, where practical, is likely to show large dollar and time savings.

In AVCATT, emphasis is placed in the Mission Equipment Package (MEP) and communications package. This allows crews to employ their weapons systems, sustain critical gunnery skills, employ their Aircraft Survivability Equipment (ASE), and communicate with U.S. and multi-national forces in the same manner they can expect in combat. Identification Friend or Foe (IFF) systems are modeled to hone this critical skill in an attempt to reduce the likelihood of fratricide in future conflicts.

*Semi-Automated Forces (SAF)* — Through emulation, SAF provides

friendly and opposing forces not represented by manned simulators. With minimal human involvement, it performs the required battlefield tasks and supporting functions that warfighters usually perform. Friendly forces include armor, infantry, fire support, combat engineer, air defense, aviation (all branches), as well as likely naval systems.

Friendly SAF enable aviation units to perform combined arms tasks requiring coordination and synchronization such as passage of lines, battle handover, and JAAT operations. In addition, SAF provides Combined Arms Center (CAC) approved heavy and light opposing forces.

However, the modular design of the SAF computer code allows the custom tailoring of opposing forces to represent a variety of threats. For example, vehicles and weapons systems from various nations can be arranged to perform differently for all likely contingencies. Even the behavior of the opposing forces can be changed to compel commanders and their units to reach their maximum potential.

Additionally, aviation emulation workstations exist, allowing a minimum number of personnel to provide aviation support to the training unit. This support function includes aeromedevac, air assault, air movement, special electronic mission aircraft, air rescue, and other special missions. The emulation station also operates additional aviation com-

panies/troops within the battalion/squadron not represented by manned simulators.

*After Action Review* — The AAR system provides the Commander with a means to monitor, record, and playback the events that take place during a unit training exercise. The system records unit movement, weapons engagements, hits, kills, ammunition expended, communications, combat support, and combat service support operations and is based on the Unit Performance Assessment System (UPAS) currently under development by the Army Research Institute (ARI).

To assist the commander conducting the AAR, it provides an audio, video, and data printout record of the exercise. Specific gunnery data, such as the gunner's sight picture and moment of trigger pull, also are recorded to assist crews in maintaining good gunnery skills. The AAR capability is critically important to the training process and the reinforcement of lessons learned. This use of advanced technology to meet training needs is also applicable for experimentation, testing, doctrine and materiel development activities.

One of the design criteria for AVCAITT is that it be of low enough cost to afford equipping each division and separate aviation brigade with a company/troop site. This includes two sites for Reserve and National Guard aviation units who train at

Fig 3

# AVCATT SCHEDULE

FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY03	FY04
△ Contract Award	DEVELOPMENT		△	PRODUCTION			△		
	△ Attack Cavalry Assess Prototypes		TESTING		△				
				△	DELIVERY			△	

Marana, AZ, and Ft. Indiantown Gap, PA. The design to cost goal for each manned simulator is less than \$2M, one tenth the current cost of a CMS. Staggering as it sounds, procurement costs of one company set is almost as much as one AH-64C, and the total cost for 20 sites including sustainment costs for two decades is less than the procurement cost for one B2 stealth bomber.

An important factor with AVCATT is that it could contribute dramatically and significantly to Aviation safety by allowing crews to practice hazardous missions, such as night-time multiship operations in mountainous terrain. The cost in AH-64 Class A accidents in fiscal years 1992 and 1993 alone would finance AVCATT's entire Research and Development bill, not to mention the incalculable loss of trained crews.

AVCATT is likely to have a profound impact upon Army Aviation's understanding of combined arms operations. Future Aviation leaders will develop combined arms skills to the same degree and at the same critical times in their careers as their

Armor and Infantry counterparts. In fact, they could perfect these skills concurrently through networking. Reserve Component aviation units, which have fewer opportunities to conduct combined arms training, would benefit tremendously from AVCATT through significantly reduced mobilization times and a higher degree of training readiness.

The requirement for an aviation combined arms trainer has been in existence since the mid 1980s, however, technology was not mature and funding was elusive. Fortunately, this year AVCATT is considered a high Army training priority. The current schedule (Fig 3) reflects a FY 95 contract award with early prototypes being fielded as early as FY 97.

Wherever the conflict, whatever the level of intensity or the opposing force, AVCATT prepares Aviation units to fight and win. AVCATT is combined arms warfighting, and that is something we can't ignore or forget.

★★

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## DISTRIBUTED INTERACTIVE SIMULATION (DIS): A NEW WAY FOR THE ARMY

As America's Army is reshaped into a Base Force, our military must train smarter, prepare faster, and husband resources in a more efficient manner in order to maintain the nation's capability to deter war, and if deterrence fails, to win in combat with minimum loss of lives.

To achieve this goal, all facets of the military must work closer and within a more dynamic integrated framework. No single facet of the military will have the resources to accomplish all its mission needs without coordinating and leveraging resources. Requirements must be examined to determine where true commonality exists and sharing can occur. The old way of doing business must be put aside and a new way

*The  
concept and  
technological  
innovation that  
is key to future  
readiness.*

must be adopted. GEN Gordon R. Sullivan, Chief of Staff, U.S. Army, recently stated:

"We have the will and the power to change the way we change. We must streamline the process of change, we must eliminate the

slack...The future is not just about improving our current paradigms; it's about embracing changes as a means to adapt and grow. Simulations are also key to 21st century training techniques. Simulators and simulations will provide the Army opportunities unimagined by past soldiers."

Because of the recent "explosion" and technological breakthroughs in simulations, telecommunications, and information systems, the military is at the threshold of real-

izing an integrated infrastructure through the advancement of a synthetic environment known as Distributed Interactive Simulation (DIS).

"DIS is a synthetic environment (at one time described as the 'Electronic Battlefield') within which humans may interact through simulations at multiple sites networked using compliant architecture, modeling, protocols, standards and data bases."

The key element of DIS is that it is as much an overall concept as it is a technological innovation. It is not a "thing" and yet it is much more than a "connecting network" technology. It is a way to link Warfighters together as individuals and teams, it allows them to operate interactively, sharing experiences although they are distributed across many locations; and it allows them to interact utilizing three types or classes of simulations; virtual, constructive, and live.

*Virtual* — includes active manned simulators that are represented by SIMNET, the new Close Combat Tactical Trainer (CCTT), and engineering developmental simulators, such as those used for virtual prototyping. These systems represent the historical foundation of the simulation networking concept as they were born out of the "proof of concept" research con-

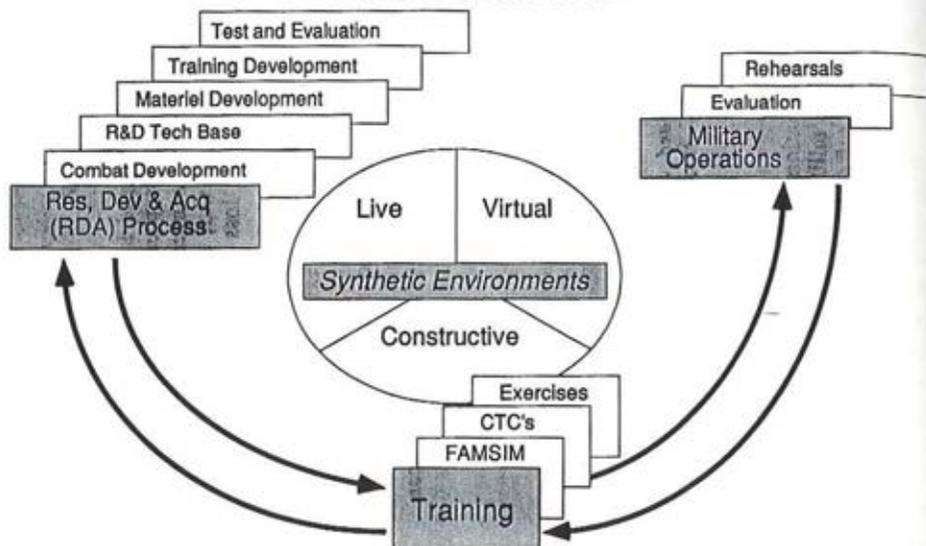
ducted by Advanced Research Projects Agency (ARPA). These systems provide the soldiers with the opportunity to conduct operations in a "virtual world", which looks and acts much like the real world.

The second type of simulation is *Constructive*, which encompasses the area of "war games" or analytic models, used by various elements of the training, analytical and test communities. These usually are "faster than real time" mainframe computer based systems that are used for command and control training, large unit operations, and many high fidelity analysis programs.

The third type of simulation is called *Live*, and is based on the premise that everything but combat is simulation, thus the major field exercises such as the National Training Center (NTC), live fire ranges with instrumentation, and Multi-Integrated Laser Engagement System (MILES) equipped soldiers and equipment, define the key elements of this class. The ultimate goal of DIS is to link all these types of simulation together in a seamless way that would make the connection invisible to the warriors/users.

In order to effectively implement DIS, Army planners have divided the DIS user community into three functional domains — Training,

# DIS DOMAINS



Military Operations, and Research, Development and Acquisition (RD&A). Training is focused on the actual conduct of training including FAMSIM, CTCs, and Exercises. Military Operations include rehearsal and evaluation of plans, with Louisiana Maneuvers (LAM) as a major user. RD&A includes the many facets of the development communities to include Combat Development, R&D Tech Base, Materiel Development, Training Development and Test and Evaluation.

The Battle Labs, a key DIS user, will define capabilities, identify requirements and determine priorities for the Army of the future. They will use the DIS capabilities

as a "What if" tool to ensure the tight resources are applied against issues that provide the greatest battlefield value and military worthiness. These "high tech" test beds of developmental thinking extend the problem solving process at which America has always excelled into the future.

**T**he key to success for this approach is that all domains must work together in all types of DIS activities to achieve the DIS Vision. This vision has been developed by the Army DIS functional manager (TRADOC) in cooperation with the DIS Technical Integrator-STRICOM, and consists of a series of operational descriptions of capa-

bility, ranging from fully interactive dynamic terrain to compatible data bases and automatic After Action Review functions.

Simply stated, the Deputy Undersecretary of the Army (Operations Research [DUSA-OR]) provides general policy to the Headquarters, Department of the Army Deputy Chief of Staff for Operations (HQDA DCSOPS). Similarly, a DIS General Officer Steering Committee (GOSC) was established and provides advice and guidance. The Functional Integrator, TRADOC, solicits information on future needs of the synthetic environment throughout the Army, evaluates this data and recommends the DIS operational capabilities needed to meet the needs of potential Army customers. The needs are prioritized and sent to the HQDA DCSOPS for approval.

Once approved, the prioritized list is sent to the Technical Integrator, Army Materiel Command-STRICOM, who is responsible for the design and programmatic execution of the DIS environment.

DIS, in its objective state, will

***“DIS, in its objective state, will operate essentially as an industrially funded distributed laboratory that can be used by numerous Army communities. . .”***

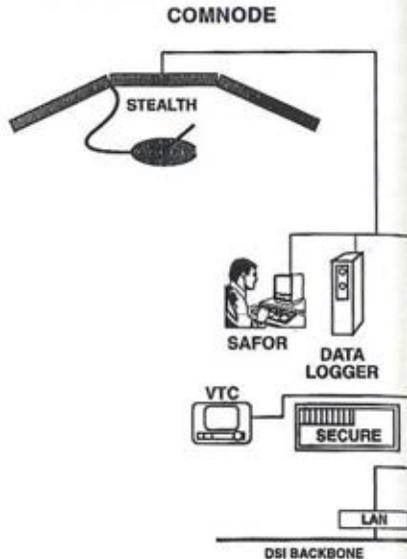
operate essentially as an industrially funded distributed laboratory that can be used by numerous Army communities (PMs, tech base managers, combat developers, training developers, trainers, operational units, testers, analysts, etc.) as well as other DoD, Federal Government, industry, academia, and eventually, other country activities.

As the Technical Integrator, STRICOM will manage the facilities through a DIS Operations and Support (O&S) contract and a DIS Systems Engineering and Integration (SEI) contract in cooperation with TRADOC, the Functional Integrator, and under the supervision of the DIS GOSC. Additionally,

a DoD Information and Analysis Center (IAC) will assist by actively pursuing the relevant data and information evolving from myriad other sources and providing a data analysis and dissemination service to government, corporate and private customers.

The various DIS sites will contain HQDA approved verified, validated, and accredited simulators, simulations, terrain data bases, and data that can be used for the

## DIS TYPE OF NODES



purposes intended. As each project is completed, any resulting new hardware and software will normally remain in DIS for use by future customers. Thus, the baseline will grow as more customers use the system over time.

Currently, DIS has two operational sites which are Lab Nodes, Ft. Knox and Ft. Rucker. These nodes include various items of communications gear, such as Electronic Gateways, data loggers and both classified and unclassified decoders as well as laboratory equipment, such as M1 and M2 crewed simulators, Rotary Wing simulators, and developmental items including CVCC/M1A2 simulators, and LOSAT and NLOS

experimental manned modules.

There are currently 23 projects in execution with 14 more in the planning stage. The nodes are being supported by a partnership between the host installation commander who provides utilities, troop support, and analytical capability and STRICOM which manages the DIS effort through the Advanced Distributed Simulation Technology (ADST) contract.

The contractor provides support for the hardware and software and operates the facility under supervision of an on-site STRICOM Technical Oversight Representative (TOR). The ADST contract is 2+ years into a 5 year effort. In ad-

dition the DIS network includes Communication Only nodes (COMMNODES) which at selected sites, provide a "birds eye" view of the ongoing network activities within the "virtual world".

The simulators and virtual environment in DIS today are essentially the products received from the SIMNET-D effort augmented and enhanced by developmental activities over the last two years. The primary improvements to the virtual environment have been achieved through STRICOM Broad Agency Announcements (BAA) and the Battlefield Distributed Simulation-Developmental (BDS-D) Advanced Technology Demonstrator program. To date, most applications have been in the virtual simulation area. However, initiatives are being implemented in the constructive area that will link dissimilar simulations (war games) to virtual simulations (e.g., JANUS and SIMNET). Very few initiatives exist in the Live area. Although the facilities are being used extensively, the simulation system has not been Verified, Validated, or Accredited (VVA) for analytical purposes.

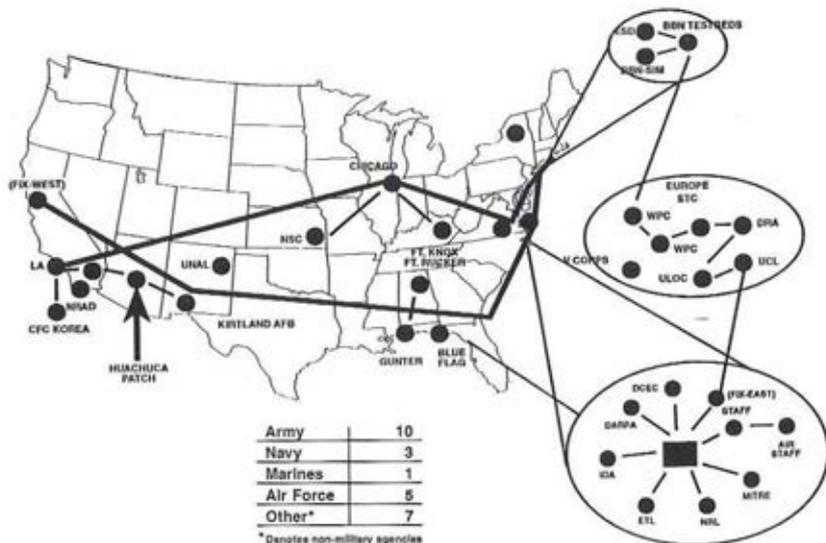
In order to effectively export DIS, a standard DIS Software Architecture is currently being developed following IEEE guidance. Standard Protocol Data Units (PDUs) are being fully implemented and refined

that will allow dissimilar simulations (from all domains) to "communicate" with each other. Future standardized software to be developed will include a vast array of Data Bases that supports the synthetic environment.

DIS Operational Exercises are supported by a backbone communication system known as the Defense Simulation Internet (DSI). This communication system was developed and is currently operated by ARPA. The Defense Internet consists of long-haul commercial telephone circuits over AT&T with nodes at users' home stations and strategically placed "switching nodes" ("Fix East and Fix West) with a central controlling facility. Connectivity is made to military and civilian satellites to allow worldwide, simultaneous DIS operations. The Defense Internet is a fully functional DIS support architecture as evidenced in the recently completed REFORGER 1992 exercise where major command posts in Germany and the United States used dissimilar solutions simultaneously in the same Constructive simulation scenario.

Presently, there are approximately 30 DSI Nodes supporting all services' command posts, Battle Simulation Centers, Test Beds, Battle Labs, Research Centers,

# CURRENT DSI USERS



Unified Commands, and civilian companies that support military in its Domains. The DSI is expected to expand over the next year with approximately twenty-five additional sites.

The Distributed Interactive Simulation synthetic environment provides the ability to interact and coordinate horizontally, breaking many of the old "stove pipes". The ability to leverage resources by cooperating on research activities and actually gaining capability from the sharing experience will offer new opportunities. It will require a level of information exchange and cooperation that has never been seen before; but it will result in a more efficient process.

Aviation as a Combat Arm is at the forefront of this developmental activity. It must integrate fully into the total combined arms DIS arena in order for the Army to benefit fully from all its effective combat power. Aviation has and will continue to lead the way in simulation technology. DIS will allow the Army to capitalize on the full utilization of Aviation as a Combat Arm and major contributor to the modern Combined Arms Team.

★★

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## HAVDEM: HELICOPTER AIR-TO-AIR VALUE-DRIVEN ENGAGEMENT MODEL

The need for an analytical tool that not only addresses helicopter air-to-air combat but also modeled pilot decisions has led to the development of the Helicopter Air-to-Air Value-Driven Engagement Model (HAVDEM). Aviation Applied Technology Directorate (AATD) awarded the Phase I contract to Decision-Science Applications Inc. (DSA), Arlington, VA, in September 1987, under the Small Business Innovative Research (SBIR) program.

Phase I prototype development employed interviews with recognized experts in the field of helicopter air-to-air tactics, literature searches and model examinations, and exploration of candidate pilot decision algorithms that utilize terrain

*The nuts and bolts of developing a new simulation tool.*

shielding in route-point following and air-to-air combat. Phase II incorporated these pilot decision algorithms into the design of a new engagement-level rotary wing air combat simulation.

The HAVDEM methodology, resulting from Phase II, included the integration of the physical models in the Helicopter Piloted Combat Model (HELIPAC) rotary wing simulation; the Army Training Battle Simulator System (ARTBASS) terrain data base; and DSA's value-driven pilot decision, memory management, and simulation control algorithms from its own TAC BRAWLER fixed wing air combat simulation. Use of these pre-existing models sped the design, coding, and testing phases of the initial HAVDEM implementation.

The helicopter flight mechanics model implemented in Phase II was a 3-degree of freedom (DOF) algorithm derived from HELIPAC. The HELIPAC 3-DOF model was modified to exclude the not-so-successful interface to manned simulator software. Also, several algorithmic deficiencies involving hover and large heading changes were corrected.

**E**ven though HAVDEM and HELIPAC share similar physical models (e.g., weapons, sensors, and missiles) there are some rather dramatic differences in their design philosophies.

In HAVDEM, the pilot decision model extensively utilizes a value-driven methodology instead of decision tables, and the simulation control is event-driven rather than time-sequenced. Time-sequenced control executes each module in the same order with the same periodicity. Event-driven control, in general, executes the modules at varying orders and varying rates determined by the modules themselves. This quality of the event-driven methodology is more faithful to the physical situation being modeled.

Additionally, HAVDEM contains innovative decision logic that utilizes terrain shielding during air-to-air engagements and routepoint following. The value-driven decision logic explicitly considers low level, contour, and nap-of-the-earth flight

to include the selection of the posture, the maneuver, the weapon, and the target. In this methodology, the outcomes resulting from the trial choice of all appropriate alternatives are scored. HAVDEM selects the alternative producing the best scoring outcome.

**S**coring functions, composed of value functions and importance multipliers, are developed from a set of desirable goals. The score of an alternative concerning a specific goal is the product of the goal's value function and its importance multiplier. Weapon/target decision goals, for example, satisfy the firing envelope constraints of the weapon.

Maneuver decision goals include the firing envelope, evading the enemy's firing envelope, proceeding to the routepoint, and using terrain as a shield against enemy sensors and weapons. Value functions rate how well an alternative satisfies the goals of the decision whereas importance multipliers determine the priority given to each goal.

The score of an alternative is the sum of the scores for each goal. Often, it is the fulfillment of secondary goals that differentiates between two alternatives that almost equally satisfy the high priority goals. As long as the set of goals completely describes the objectives of a decision and the set of alternatives represents the spectrum of

# Which helicopter is best?



The Army standard analytical simulation, **HAVDEM**, can help you answer this and other questions.

## H A V D E M

helicopter air-to-air value-driven engagement model

### DSA

Decision Science Applications, Inc. • 1110 N. Glebe Road • Arlington, Virginia 22201 • 703/243/2500 • fax: 703/875/9382

decision options, this approach performs successfully in unexpected situations. This is possible because the decisions are based on capabilities rather than standard responses, and goals rather than rules.

A pilot "consciousness event" begins by updating the internal representation (mental model) of the kinematic states of known platforms. A value-driven decision is used to select which sensor displays are to be examined during the current event. If an unknown target is contained in the sensor displays, it is added to the mental model. The pilot then performs a

situation assessment based on the mental model perception of the combat environment. This assessment assigns values to most of the importance multipliers used in pilot decisions. The decisions determine the pilot's posture, maneuver, weapon and target, and weapon firing for the time interval until the next consciousness event.

The pilot decision model's use of terrain is particularly important in this situation. Three levels of terrain utilization are incorporated in the decision logic. Short term planning, covering the next five seconds, attempts to keep line of sight to vulnerable targets and deny line of sight to pursuers.

Medium range planning, covering the next thirty seconds, forms a path over the terrain that minimizes risk from potential ground and air threats while capitalizing on targets of opportunity. Long range planning forms a path over the terrain that leads to a route-point while minimizing detectability.

HAVDEM contains a set of standard output records that describes virtually all the useful information about the history of the engagement, including helicopter kinematic states, control positions, sensor detections, etc. A statistical interface provides the analyst with statistical data collected during the simulation runs. Three dimensional plots of the statistical data, to include various timelines associated with the engagements and measures of combat effectiveness, are available.

AATD awarded one of the first Department of Defense Phase III SBIR contracts, in September 1991. During Phase III, a 6-DOF flight mechanics model of an AH-64A Apache and a modified Apache (vectored thrust design) have been successfully implemented within HAVDEM. A pilot controller and enhancements to the pilot decision logic were implemented to drive the Apache flight mechanics models.

HAVDEM is being used to com-

pare the effectiveness of the vectored thrust design to the AH-64A Apache AH-64A in an air-to-air combat engagement utilizing terrain shielding. Preliminary results of the comparison have already given valuable feedback to AATD concerning the vectored thrust design. Piloted simulated tests later confirmed the information. The fact that HAVDEM was able to give this feedback sooner and at a much lower cost than piloted simulation, suggests that more extensive studies using analytical simulation can save time and money during the development phases of new systems.

Among the future prospects for HAVDEM is an integration effort with the corrected and improved 6-DOF kinematics model in HELIPAC. When this effort is completed in May of 1994, HAVDEM and HELIPAC will be essentially the same model.

The Joint Technical Coordinating Group (JTCG) has already adopted HELIPAC as its standard helicopter air-to-air model. The integrated HAVDEM/HELIPAC will be a true Army standard.

★★

*Nathaniel E. Bent is the Project Engineer, Director of Rotorcraft Simulation, Decision-Science Applications, Inc.*

*Jimmy I. Anderson is Project Engineer, Survivability Analysis, AATD, Ft. Eustis, VA.*

## ARMY WELCOMES THE TH-67A TO THE TRAINING BASE

The wait is over. The New Training Helicopter (NTH) competition was officially concluded with the signing of a contract with Bell Helicopter Textron on 30 March 1993. The award was just in time to be announced at opening day of the Army Aviation Association of America's annual convention in Fort Worth, TX.

The decision came after a relatively short, but extremely intense and deliberate source selection process. Bell Helicopter had submitted their model TH-206 for the competition. This aircraft was judged to possess the overall best value in a competition that put prime emphasis on training effectiveness and total life cycle costs.

Previous NTH articles in this publication informed readers that there were five aircraft and four con-

*A review of  
this major  
Non-  
Developmental  
Item program  
downselect.*

tractors in the competition. To recap, American Eurocopter had two AS-350 entries. The main difference between the two was the engine in each. Bell Helicopter proposed a version of their model 206, Enstrom proposed their model TH-28

and the team of Grumman/Schweizer/UNC proposed the Schweizer model 330.

The selected aircraft is now officially designated the TH-67 and the Indian name "Creek" has been requested and is pending.

All five aircraft were given a Training Effectiveness User Evaluation (TEUE) by a group of 20 seasoned Instructor Pilots (IP) from the Aviation Center. These IPs averaged over 9000 hours of flight experience, and had instructed more than 400 students

each. In addition, two Experimental Test Pilots were employed to confirm performance levels and analyze any glitches reported by the IPs during their evaluation.

Since all the competing aircraft had to be Federal Aviation Administration (FAA) certified to participate in the TEUE, the emphasis of the evaluation was not on reassessing performance capabilities, which were a given, but on the effectiveness of the aircraft in training students to perform maneuvers contained in the Initial Entry Rotary Wing (IERW) flight training guide.

The Army's decision was based on the evaluation of thousands of elements of data, including FAA certification documents and substantiating data; Army flight evaluation reports; contractor submitted management and technical data, and, of course, program cost data. The result was a determination that the Bell aircraft provided the Army the best overall value for the training mission at Ft. Rucker.

The contract calls for contractor conducted training of a cadre of IPs and maintainers. Initial use of the TH-67 in the IERW training program will be scheduled for the first class after April 1994.

The real driver of this program is the huge cost savings to be realized when these aircraft replace the aging and costly UH-1H aircraft in

the IERW flight training role. It is estimated that at current year dollar values the total savings over the project's 90 year life cycle of this aircraft will amount to about one billion dollars!

The contractor will deliver 157 TH-67s to Fort Rucker, along with 12 Cockpit Procedures Trainers. Shortly after deliveries are completed the reduced cost of operating the IERW trainers will have fully amortized the acquisition costs, and the Army will begin to enjoy the benefits of the major cost savings expected from this acquisition.

A by-product of this acquisition that was never a formal objective nor actually evaluated, but nevertheless a valuable asset, is the lowering to noise levels at Fort Rucker stage fields and flight routes in the IERW aircraft. The TH-67 is significantly less noisy than currently utilized UH-1Hs and will reduce noise pollution in the area to a great degree. No doubt area residents of the canine, feline, equine, bovine and porcine persuasion will be duly grateful, as probably will their owners.

In what may be considered an innovative approach to a Safety Program for this system, the Product Manager elected to rely on the prime contractor as overseen by (TH-67A — continued on p. 56)

## FALCONS VERSUS FAMINE

It seems like another typical 10th Aviation Brigade field exercise. On the flight line, a scout weapons team of the 3rd Squadron, 17th Cavalry lifts into the blue sky. Further down, crew chiefs of the 3rd Battalion (Assault), 25th Aviation service their UH-60 Black Hawk helicopters. In the Brigade Tactical Operations Center, the whirl of staff planning continues without a break. In the cantonment area, motor mechanics and cooks carry out their workaday tasks.

But this is not a typical operation, and its setting is not typical of the Brigade's home station, Fort Drum, NY. There are no piney woods and snowy fields with high Adirondack peaks in the distance. Instead, there are thorn trees and blowing clouds

*How the 10th Mountain Division (Light) Aviation Brigade conducted its operations in Somalia.*

of dry red dust that coat soldier, vehicle and aircraft alike. Welcome to Baledogle, Somalia and Task Force Falcon.

Last December, over 900 soldiers and Department of the Army civilians from the 10th Aviation "Falcon" Brigade and attached units from the 10th Mountain Division and from Army posts in Germany and the U.S. traded the cold and snow of their respective home stations for the heat and dust of east Africa. Instead of facing winter, they faced insects, snakes, boredom and the occasional Somali bandits as part of Operation RESTORE HOPE, the U.S.-led international coalition charged with stabilizing desperate famine conditions caused by civil war and anarchy.

The Task Force's presence at the

crumbling, Soviet-built airfield at Baledogle, about 65 miles northwest of the capital, Mogadishu, was the result of over 30 days in intense planning, preparation and movement. On 2 December 1992, when the U.S. government identified the 10th Mountain Division as the major U.S. Army unit to deploy to Somalia, its units' schedules became a blur of activity.

Its staff officers wrote and rewrote operations plans. Its motor sergeants inspected one vehicle after another to certify deployability. Its soldiers of all ranks endured the brief pain of immunizations against the legion of diseases found in this corner of the world. Its family members sat through support briefings designed to help them cope with their soldier's absence.

Preparations for deployment ranged from the simple — each soldier packing his field bags with the right mix of equipment needed for survival in Africa, to the complex — modifying its deploying aircraft with enhanced electronics and navigational aids, then wrapping them in plastic to ward off

salt water contamination on the boat trip to Mogadishu.

The first group of 10th Aviation Brigade soldiers, led by commander COL Michael D. Dallas, departed Fort Drum on 20 December 1992. The next three weeks saw a continuing flow of Brigade soldiers through Griffiss Air Force Base across the 8,000 plus miles between northern New York and the Horn of Africa. Army aviation units from Germany flowed through bases there and in Italy. The Task Force's

main body arrived the week of 4 January and moved as quickly as possible from Mogadishu to Baledogle.

Here, the terrain was more like the Army's National Training Center in the Mojave Desert. Somalia's major

dry season was just beginning. The days were long, hot and humid. The soldiers, clad in khaki flight suits and desert battle dress utilities, moved about amid thorn bushes, low trees and the rubble of neglect scattered around the air base's old buildings.

The Brigade's cantonment areas were models of expediency and ingenuity. Revetments that once sheltered Soviet-built MIG jet fighters now sprouted tents of all

***“The first group of Aviation Brigade soldiers [flowed] through Griffiss AFB across the 8,000-plus miles between northern New York and the Horn of Africa.”***



shapes and sizes. Old maintenance buildings, power plants and hangars became storerooms and motor pools, their nooks and crannies holding makeshift showers and laundry facilities.

Unusual things became routine at Baledogle. At the entrance to the 3-17 Cavalry encampment, a battered, French-built Panhard armored car sat, its 90-millimeter gun stilled. The vehicle, seized in an infantry sweep of the nearby town of Uanle Uen (popularly called "Wally World" after the amusement park in the National Lampoon movie *Vacation*), now sported a red and white sign decorated with the Squadron's "Bandit" symbol and regimental crest, proclaiming its presence.

Further down the flight line, American, Moroccan, and Somali flags flew over the old administration building and control tower. Task Force Falcon coordinated all Army Aviation activities from there, ranging from a 3-17 Cavalry team in the southern port of Kismayu, 220 miles away, supporting U.S. and Belgian operations there, to the towns of Belet Uen further north and Bardera in the far west, where elements of the 159th Medical Company (Air Ambulance) supported other coalition forces.

Many different units made Task Force Falcon work. Elements of

HHC, 10th Aviation Brigade; 3-17 Cavalry; 2-25 Attack Helicopter Battalion; 3-25 Assault Helicopter Battalion; and attachments from 3-62 Air Defense Artillery (serving as UH-60 door gunners), 110th Military Intelligence (operating ground surveillance radars and sensors) and Company E, 25th Aviation (aviation intermediate maintenance) represented Fort Drum.

From Europe came elements of the 5th Battalion, 158th Aviation; 7th Battalion, 158th Aviation; Company B, 7-159th Aviation (intermediate maintenance) and Company B, 3rd Battalion, 58th Aviation (Air Traffic Control) as part of TF 5-158 Aviation. The units, from the 12th Aviation Brigade, brought experience and battle honors earned in Operation DESERT STORM. The 159th Medical Company (Air Ambulance) came from the 7th Medical Command. An Army Logistics Assistance Team from the Aviation and Troop Command in St. Louis, MO brought military and DA civilian maintenance, logistics and acquisition experts to the force.

Task Force Falcon executed a diverse and continuous mission load. Its UH-60 companies flew infantry air assaults into the towns of Belet Uen, Marka, Jilib and Afghoi, as well as conducted on-

going aerial resupply, administrative and VIP support. Ground Cavalry elements have conducted extensive reconnaissance of roads, villages and trails in key areas around Afghoi and Marka to find contraband, weapons, bandits and Somalis in need of assistance. On 24 January they uncovered one of the largest Somali arms caches yet found.

**A**ir Cavalry teams out Baledogle provided aerial reconnaissance and air assault security. On 26 January the 3-17 Cavalry team in Kismayu destroyed seven "technicals", an armored car, a multiple rocket launcher and several artillery pieces in an engagement against a Somali faction that had failed to secure its equipment in cantonment areas. To ensure the success of these missions, staff planners, logistics handlers and maintenance personnel worked tirelessly and unselfishly to keep the Task Force moving, shooting and communicating.

**T**he cycle of daily missions was set against a backdrop of dust clouds kicked up by every moving vehicle or launching aircraft. The

dry dust turns black boots reddish-brown and coats tents, uniforms, and skin. It is joined by an army of ants, flies, mosquitoes, scorpions, millipedes, and snakes to make the daily grind of existence much more demanding.

Soldiers took comfort in the rush of cold water from a makeshift shower; from Sony Walkmans carefully shielded from the pervasive dust; from short wave radios that bring in the Voice of America with news from "the world"; from the let-

***"... the 3-17 Cavalry team in Kismayu destroyed several 'technicals' — an armored car, a multiple rocket launcher, and several artillery pieces — in an engagement against a Somali faction ..."***

ters and packages that came in on the daily admin run; and from the bits and pieces of "pogey bait" that supplement the endless diet of MREs and T-Rations.

**E**very day that passed, every mission that launched, brought closer the day when Task Force Falcon's last group of soldiers embarked on the long flight back home. Until that time, they had to content themselves with the knowledge that they helped almost a million Somalis regain life, strength, stability and self-respect.

★★

*GPT McCann is the Public Affairs Officer for the Aviation Brigade, 10th Mountain Division (Light), Ft. Drum, NY.*

## FLIGHT PAY, GATES, AND WINGS

I routinely hear questions about Aviation Career Incentive Pay (ACIP), meeting "gates," and requirements for senior and master Army aviator wings. Over the years I have found it to be beneficial to save articles, similar to this one, and other data to help with questions that are not easily answered in readily accessible publications.

ACIP, often called "flight pay," is divided into two phases for officers (Figure 1). The Phase I scale pertains to commissioned officers, warrant officers, flight school students, flight surgeons, and other designated medical officers. Aviation service for commissioned and warrant officers starts at the beginning of flight school. This date is called the aviation service entry date (ASED).

### *The ins and outs of the Aviation Career Incentive Pay system.*

Phase II is for commissioned officers only. Warrant officers with over 6 years of aviation service maintain the monthly rate of \$650 until expiration term of service, pending no unusual circumstances.

Criteria for receiving continuous incen-

tive pay are based on aviation officers meeting their "gates." Aviation officers who meet their gates will receive continuous incentive pay whether they are in an operational flying duty position or not. If aviation officers do not meet their gates, their entitlement to incentive pay is conditional. These aviators, like flight surgeons, are entitled to flight pay only while in an operational flying duty position. Consequently, they are required to fly a minimum of four hours per calendar

## PHASE I

Monthly Rate	Years of Aviation Service
\$125	2 or less
\$156	Over 2
\$188	Over 3
\$206	Over 4
\$650	Over 6

## PHASE II

Monthly Rate	Years Total Federal Officer Service (TFOS)
\$585	Over 18
\$495	Over 20
\$385	Over 22
\$250	Over 25

Figure 1

month. If they do not fly four hours in any month, excess hours flown during the preceding five months, which have not been used to qualify for incentive pay, may be applied to meet this four hour requirement. For fractions of a calendar month, the aviator on conditional status must fly the appropriate percentage (i.e., 18 days = 2.4 hours).

If you do not want to be in a conditional status, make sure you meet your gates — be careful! You are probably the best career manager you have, so protect yourself. Assignment officers will try to place aviators in operational flying duty positions to allow them to meet their gates. Your orders should show that you must be assigned to an operational flying duty position. Diversion to a nonoperational flying duty position at this point requires a waiver

from the Department of the Army.

Meeting gates is based on the accumulation of total operational flying duty credit (TOFDC). An aviator's TOFDC is annotated on the Officer Record Brief (ORB) in terms of months. These data are based on your duty position. If your duty position is not an authorized flying position you should not receive TOFDC despite what you may be led to believe.

If you are in doubt about a position, request documentation that proves the position authorizes flying duty or call your assignment officer. Guess who pays back the unauthorized incentive pay? You do! That is right, there is an audit system. Currently, three systems are in place to determine gates. The systems are based on ASED. The criteria outlining the three gate systems are in Figure 2.

TOFDC is continuous if an aviator remains in consecutive operational

## GATE SYSTEMS

### **Old System — Aviation Officers with ASED before 1 October 1979.**

12-year gate: 72 months' TOFDC entitles continuous ACIP to 18 years' aviation service.

18-year gate: 108 months' TOFDC entitles continuous ACIP to 22 years' TFOS.

132 months' TOFDC entitles continuous ACIP to 25 years' TFOS.

### **Transitional System — Aviation Officers with ASED from 1 October 1979 to 30 September 1985.**

72 months' TOFDC as of 911001 entitles continuous ACIP to 18 years' aviation service.

**Note:** If an aviator under this system did not have 72 months as of 911001, the transitional 12-year gate applies.

12-year gates: 72 months' TOFDC entitles continuous ACIP to 15 years' aviation services.

15-year gates: 108 months' TOFDC entitles continuous ACIP to 18 years' aviation services

18-year gate: 120 months' TOFDC entitles continuous ACIP to 22 years' TFOS.

144 months' TOFDC entitles continuous ACIP to 25 years' TFOS.

### **New System — Aviation Officers with ASED on or after 1 October 1985.**

12-year gate: 108 months' TOFDC entitles continuous ACIP to 18 years' aviator service.

18-year gate: 120 months' TOFDC entitles continuous ACIP to 22 years' TFOS.

144 months' TOFDC entitles continuous ACIP to 25 years' TFOS.

**Figure 2**

flying positions. Leave, travel, and temporary duty of less than 90 days between operational flying assignments count toward TOFDC.

TOFDC begins the day following the date an aviator signs out of a nonoperational flying duty position en route to an operational flying duty position. A minimum of 15 days is required to receive credit for a full month. Detailed questions about specific incentive pay entitlement should be addressed to local finance and accounting offices. Related reference material is contained in the Department of Defense Military Pay and Allowances Entitlement Manual. Aviators who suspect errors in their TOFDC should request an audit by writing Department of Army, U.S. Total Army Personnel Com-

mand, ATTN: TAPC-OPD-D, 200 Stovall Street, Alexandria, VA 22332-0413.

Aviators usually are required to apply for their aeronautical ratings (wings). Applications should be made through the flight operations personnel that maintain an aviator's flight records. Aviators should apply well in advance to allow adequate time to process the application. Table 1 shows the eligibility requirements for the designation of Senior and Master Army Aviator.

Rated service begins the day aviators are awarded their initial wings, usually upon graduation from flight school. Aviators are required to maintain a current physical whether they are in an operational flying position or not.

Rating	Rated Service	Flying Time and TOFDC	Physical
Senior Army Aviator	7 years	1,500 hours or 1,000 hours and 72 months' TOFDC	Current Class 2 Medical Examination
Master Army Aviator	15 years	3,000 hours or 2,000 hours and 108 months' TOFDC	Current Class 2 Medical Examination

Table 1

Award	Aviation Service	Minimum Rank	Endorsements	Physical
Senior Aircraft Crewman	84 months (does not have to be	E-4	Current unit Commander	Current class 3 medical examination
Master Aircraft Crewman	180 months (does not have to be consecutive	E-6	Current unit commander, and next higher commander of assigned unit	Current class 3 medical examination

Table 2

The reference for aviation service of rated Army officers is Army Regulation (AR) 600-105. Flight surgeons can find detailed eligibility requirements for their aeronautical ratings in AR 600-105, chapter 2, table 2-2.

Enlisted personnel are authorized three degrees of badges in Army Aviation - the Aircraft Crewman Badge and the Senior Aircraft Crewman Badge, and the Master Aircraft Crewman Badge. Detailed eligibility requirements for enlisted crewman badges are in AR 672-5-1. The aircraft Crewman Badge usually is awarded when a soldier completes formal advance individual training. Table 2 shows the eligibility requirements for the designation of Senior Aircraft Crewman and Master Aircraft Crewman.

Aviation service must have been spent on flying status in one or more

of the following principal duty assignments: crew chief, flight engineer, aeroscout observers, or as noncrewmembers such as medical technicians, aircraft maintenance supervisors, or technical inspectors.

Noncrewmember incentive pay is \$110 per month. The crewmember incentive pay for enlisted personnel is based on pay grade: Pay Grade E-9, \$200/mo.; E-8, \$200/mo.; E-7, \$200/mo.; E-6, \$175/mo.; E-5, \$150/mo.; E-4, \$125/mo.; E-3, \$110/mo.; E-2, \$110/mo.; E-1, \$100/mo.

Specific questions about the data in this article should be addressed through your chain of command.

★★

*MAJ Owen is attending the Command and General Staff Officer Course (93/94), Command and General Staff College, Ft. Leavenworth, KS.*

## CAVALRY

(continued from page 8)

lethality, survivability, deployability, and sustainability of the Comanche. When the Comanches are integrated with our Longbow Apache units, Corps and Division commanders will, for the first time, have the aircraft they need for sustained cavalry operations, continuous reconnaissance security, and deep strike maneuver, without suffering the tactical gaps that now plague our combat operations.

In closing, allow me to put a few rocks in the aviation community's ruck sack. There is work yet to be done for the combined arms team to fully realize the warfighting benefits that can be achieved by employing aviation as a modern day cavalry.

We must assure that every organization we design and field provides the robustness needed to plan and execute synchronized, sustained combat operations.

We need to ensure that organizational deficiencies do not rob ground commanders of their ability to keep aircraft in the fight 24 hours a day for the length of the fight.

If necessary, we must be prepared to adjust our priorities to assure our aviation units have the same staying power in a fight as the rest of the combined arms team. Our equipment must maintain overmatching technological capabilities with the

cavalry characteristics I've outlined as our focus:

- day-night, all-weather, all-terrain, stand-off advantages;
- seeing the battlefield and reporting what we see on time and accurately across great distances;
- interfacing with other members of the joint and combined arms team;
- surviving against and protecting the force from current and emerging threats — to include other armed helicopters;
- killing what we shoot at with the first round;
- and finally, reliable and maintainable machines we can service and repair quickly well forward on the battlefield.

These are the capabilities we need. Since aviation units fight the entire width and depth of the corps or division area of operations, I would maintain that, more than any other branch, aviation commanders and crews must clearly understand and master the totality of maneuver warfare. They must understand the battle drills of the rest of the joint and combined arms team and they must understand the enemy's tactics and capabilities as well as any S-2 or G-2.

Our simulations and combat training centers must provide our aviation commanders and crews with the training tools to teach all aspects of maneuver warfare. Our

aviation commanders must understand and appreciate the importance of this knowledge to their mission accomplishment.

We must also focus training programs in other branches and for our senior leaders, so the full combined arms team is prepared to fully exploit the capabilities of the aviation force.

The end game is a "cavalry state of mind" and a full cavalry capability for our aviation forces. Then, like the cavalry of old on their magnificent mounts, they will use their modern day steeds to see the fight, secure the main force, strike when and where needed and assist the commander in focusing combat power for decisive victory on the battlefields of the future.

While I am convinced that today's Army Aviation assets, integrated with ground forces, have the capabilities to fulfill the cavalry's roles and missions, I challenge the aviation community to continue to develop the organizations, the equipment, and the training programs toward those cavalry ends.

I leave it to the aviation community to provide our future "great captains" with a renewed ability to see through the fog of war, to focus combat power, and quickly react on the battlefield with their mounted warriors — their cavalry!

★★

*LIG Taylor is the Commanding General, III Corps and Fort Hood, Ft. Hood, TX.*

## DOS

(continued from page 21)

being sought for advice and input.

Resourcing for future TADSS is a significant challenge as dollars are reduced, requiring sound, innovative management decisions. Commonality, reusable software, reconfigurable cockpits, and the leveraging of scarce resources are the buzz words in the program. Limited resources however, also give importance to the significance of what can be accomplished through the use of simulation.

Trained and ready forces, despite safety, environmental, and OPTEM-PO constraints, will continue to be the norm. With continued emphasis on enhancing the fidelity of the synthetic environment, simulation will become a cornerstone of tomorrow's acquisition cycle.

★★

*COL Penny is Director of Simulation, U.S. Army Aviation Center, Fort Rucker, AL.*

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Of The Newsletter

## TH-67A

(continued from page 43)

a responsible government agency (FAA) to assure safety management through the life cycle of the aircraft. This approach mandates that USAAVNC utilize FAA approved maintenance procedures without deviation in order to maintain type certification. While this approach is seen by some rice bowl holders as less than desirable, a system that has served thousands of commercial operators must have some value. Besides, in these times of downsizing this approach makes use of resources the Army doesn't have to account or directly fund for.

So there you are. The TH-67 helicopter program is rapidly becoming a reality. All those who participated in the program can be proud of a job well done in a time frame few thought possible. This acquisition (with accommodation of a few lessons learned) could well set the pattern for more and more NDI acquisitions. Certainly where the commercial market place can provide essentially what is required, and a military development cycle can be avoided, the availability of desired materiel can be much more rapid and costs to the taxpayer can be greatly reduced.

★★

*Mr. Hendrickson is the Deputy Product Manager, New Training Helicopter (NTH), PEO, Aviation, St. Louis, MO.*

# The 1993 Aviation Officer Directory\*

## Sample

**LAST NAME, First Name, M.I., (Rank)**  
(Initial Membership Year) (Nickname)  
Residence Address. Dy: Duty Phone. Res:  
Residence Phone. S: Spouse's Name. Dy:  
Duty Assignment. Rtg: Pilot Rating. Qual:  
Qualification. Maint Crs: Maintenance  
Courses. Saf Crs: Safety Courses. Time:  
Total Hours Flight Time. Cbt: Total Hours  
Combat Time. DFC. AM/00.

## Pilot Ratings

**MAA:** Master Army Aviator  
**SAA:** Senior Army Aviator  
**AA:** Army Aviator  
**IFE:** Instrument Flight Examiner  
**SIP:** Standardization Instructor Pilot  
**IP:** Instructor Pilot  
**TP:** Test Pilot

## Miscellaneous Information

**DFC:** Distinguished Flying Cross  
**AM/00:** Number of Air Medals

\* A professional-personal roster of Company Grade AAAA members. Only listings returned to the AAAA National Office before May 10, 1993 are listed.

## HI-TIMERS

CPT David T. Baum.....	3800
1LT(P) Leonard W. Bowley.....	3510
CPT Michael C. Warren.....	3504
CPT(P) Reynold W. Jordan, Jr.....	3000
1LT Gordon D. Mayes.....	3000
CPT Patrick L. O'Neal.....	3000
1LT David J. Pinter.....	3000
CPT James E. Oxer.....	2900
CPT Nancy J. Sherlock.....	2900
CPT Scott P. Vandebroek.....	2850
CPT Charles A. Fish.....	2500
CPT Michael P. Slattery.....	2500
CPT Robert W. Werthman.....	2500

**Ackerman, Robert S.**, (2LT) (M91) 535 Farmview Drive, Fayetteville, NC 28311-1528. Dy: (919) 396-1771. Res: (919) 630-3056. S: Shannon. Dy: Platoon Leader, C Co, 2/82nd Avn, Fort Bragg, NC. RW Qual. Time: 580 Hrs.

**Agens, Bryan F.**, (1LT) (M90) A Co., 2/1 Aviation, CMR 454, Box 1908, APO AE 09250. Dy: Attack Platoon Leader. RW Qual. Time: 420 Hrs.

**Aid, Michael C.**, (CPT) (M85) HHC, 12th Avn Bde, Unit 29632, APO AE 09096. S: Tammi. Dy: Asst Bde S-4, Wiesbaden, Germany. Rtg: AA TP. RW Qual. Time: 650 Hrs.

**Alexander, David R.**, (CPT/PI) (M89) (Alex) 19 Monteth Lane, Fort Rucker, AL 36362. Dy: (205) 255-3920. Res: (205) 598-5156. S: Janet. Dy: R&D Staff Officer, Directorate of Combat Developments, Fort Rucker. Rtg: SAA. RW Qual. Time: 1,200 Hrs./Cbt 20 AM/1.

**Alexander, Stephen B.**, (2LT) (M92) (Blake) 25 Edwards Street, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 598-4833. S: Lori. Dy: IERW, Fort Rucker.

**Allegood, Mark T.**, (1LT) (M91) N Troop, 4/11 ACR, Box 522, APO AE 09146. S: Ruth. Dy: Plt Ldr. RW Qual. Time: 500 Hrs.

**Allen, Shawn D.**, (CPT) (M88) 9128 Chieftan Drive, Colorado Springs, CO 80925-1016. Dy: (719) 591-5800. Res: (719) 390-5890. S: Karin. Dy: Asst Bde S-3 Training, Fort Carson. Rtg: AA. RW Qual. Time: 980 Hrs./Cbt 24 AM/2. Past Chapter Officer.

**Almeida, Pedro G.**, (CPT) (M88) C Troop, 6/6 Cavalry, CMR 416, Box 340, APO AE 09140-2517. Dy: Troop Commander, Ilesheim, Germany. Rtg: AA. RW Qual. Time: 700 Hrs. AM/1. 1988 AAAA ROTC Cadet.

**Alonso-Holtorf, Richard M.**, (CPT) (M88) (Rich) C Company, 2/1 Aviation, CMR 454, Box 1557, APO AE 09250. Res: (604) 888-0968. S: Mary. Rtg: AA MTP. RW Qual. FW Qual. Time: 600.

**Alpeter, Scott R.**, (CPT) (M89) (Alpman) 87 Red Cloud, Fort Rucker, AL 36362. Dy: (205) 255-3757. Res: (205) 598-4642. S: Diane. Dy: Asst S-3, 2-229th Avn, Fort Rucker, AL. Rtg: AA. RW Qual. Time: 650 Hrs./Cbt 50 AM/3, IV.

**Allier, Jayson A.**, (1LT) (M90) (Bingo) 1001-B Brookhollow Drive, Stewarts Creek Condo, Fayetteville, NC 28304. Dy: (919) 396-1771. Res: (919) 487-1172. Dy: Platoon Leader, OH-58, C Co, 2-82nd Avn Bde, Fort Bragg, NC. Rtg: AA. RW Qual. Time: 454 Hrs. Life Member.

**Amick, John W.**, (1LT) (M89) High Desert VP Membership, 1801 Elmrock Rd., No. 43, Bastow, CA 92311. Dy: (619) 254-2905. Res: (619) 252-3336. Dy: C Co, 3/159th Avn Bn, XD, Fort Irwin, CA. Rtg: AA. RW Qual.

**Anderson, Mark W.**, (1LT) (M90) 3/1 Aviation Battalion, CMR 454, Box 2332, APO AE 09250-5000. Dy: Apache Plt Ldr, B Co, 3-1 Avn Regt, Katterbach, Germany. RW Qual. FW Qual. Time: 850 Hrs.

**Anderson, Paul D.**, (1LT) (M91) 2961 Mile Court, Woodlawn, TN 37191. Dy: (502) 798-5129. Res: (615) 648-0741. S: Dawn. Dy: Adjutant, HHC, 5-101st Avn Regt. RW Qual. Time: 400 Hrs.

**Anderson, Richard C.**, (2LT) (M92) (Rich) 13 Kirby Street, Fort Rucker, AL 36362. Dy: (205) 255-5226. Res: (205) 598-2304. S: Faith. Dy: B Co, 4-25th Avn, Schofield Barracks, HI. RW Qual. Time: 170 Hrs.

**Anest, Peri A.**, (CPT) (M85) 159th Aviation Gp

## Aviation Officer Directory

(Aln), Fort Bragg, NC 28307. Dy: (919) 396-9917. S: Deanna. Dy: Asst Gp S-3. Rtg: AA. RW Qual. Time: 950 Hrs.

**Apell, Douglas W.**, (1LT) (M90) (Doug) 1348 Wemmer Park, Apt. B, Fort Campbell, KY 42223-1154. Dy: (502) 798-3083. Res: (615) 431-3794. S: Lisa. Dy: B Co, 7-101 Avn Regt. RW Qual. Time: 500 Hrs.

**Archuleta, John P.**, (CPT) (M89) (Arch) 813 Dixie Drive, Enterprise, AL 36330-9623. Dy: (205) 255-4605. Res: (205) 347-2013. S: Gina. Dy: NVG Flight Commander, Fort Rucker, AL. Rtg: IP. RW Qual. Time: 800 Hrs.

**Arnold, George J.**, (CPT) (M91) (Jeff) A Co, 7-159th Avn Regt, CMR 416, Box 268, APO AE 09140. S: Elizabeth. Dy: XD, Ilesheim, Germany. Rtg: MTP. RW Qual. Time: 1,050/Cbt 103 AM/1.

**Artemun, David R.**, (CPT) (M85) (Arty) 4142 Lancaster Avenue, New Windsor, NY 12553. Dy: (914) 938-2956. Res: (914) 567-0720. S: Katy. Dy: USMA Instructor, Dept of Civil/Mech Engrg. Rtg: AA TP. RW Qual. FW Qual. Time: 800 Hrs.

**Arthur, Anthony E.**, (CPT) (M89) (Tony) 5185 Jarman, Fort Bliss, TX 79906. Dy: (915) 568-8581. Res: (915) 562-7461. S: Kelley. Dy: Cdr, O Troop, 4/3 ACR. RW Qual. Time: 650 Hrs./Cbt 50 AM/1.

**Artman, Spencer Q.**, (CPT) (M91) 29558 Palermo Street, Barstow, CA 92311-1734. Res: (619) 256-7690. S: Traci. Dy: Senior Aviation Analyst, NTC, Fort Irwin, CA. Rtg: AA. RW Qual. Time: 1,200 Hrs.

**Ashcroft, Ian R.**, (CPT) (M91) 14 Monteth Lane, Fort Rucker, AL 36362.

**Askew, Samuel L.**, (CPT) (M88) (Sam) 40 Harris Drive, Fort Rucker, AL 36362-2351. Dy: (205) 255-3018. Res: (205) 598-1410. S: Sarah. Dy: HHDT-223rd, Fort Rucker, AL. Rtg: AA. RW Qual. Time: 750 Hrs.

**Atkins, Charles L.**, (CPT) (M89) HHC 2-3 Aviation, Unit 26417, Box 41, APO AE 09182. Dy: Asst S-3. Rtg: AA. RW Qual. Time: 350 Hrs./Cbt 20 AM/2.

## BBBBBBBBBB

**Baer, Robert A.**, (CPT) (M87) (Bob) A Co., 7-1 Aviation, CMR 454, Box 2034, APO AE 09250. S: Jane. Dy: Commander, A Co, 7-1 Avn, Katterbach, Germany. Rtg: AA. RW Qual. Time: 700

**Baird, Jerry L.**, (1LT) (M91) B Troop, 6/6 Cav, CMR 416, Box 999, APO AE 09140. Dy: B Trp, 6/6 Cav, Plt Ldr, Ilesheim, Germany. RW Qual. Time: 250 Hrs.

**Baka, Michael A.**, (CPT) (M92) 1996 Timberline Way, Clarksville, TN 37042. Dy: (602) 798-2074. Res: (615) 648-8902. S: Seung Min. Dy: XD, A/7-101st, Fort Campbell, KY. RW Qual. Time: 500 Hrs.

**Baker, Christopher.**, (CPT) (M89) (Chris) 5646-2 Lockridge Loop, Fort Hood, TX 76644-1665. Dy: (817) 288-1223. Res: (817) 539-9707. Dy: Cdr, B Co, 4-227th Avn Regt, 1st Cav Div, Fort Hood. RW Qual. Time: 1,000 Hrs.

**Baker, Kevin L.**, (1LT) (M91) 1712 Browning, Manhattan, KS 66502. Dy: (913) 239-6540. Res: (913) 539-6720. S: Michelle.

**Baker, Melvin B.**, (CPT) (M85) P. O. Box 4158, Fort Eustis, VA 23604. S: Leslie. Dy: UH-60 Pilot, HSC Company Commander, RW Qual. Time: 1,522 Hrs./Cbt 21 DFC/1, AM/2.

**Baldwin, Lorenzo.**, (1LT/PI) (M91) HHT/34 Cavalry, CMR 464, Box 31, APO AE 09226. S: Katrina. Dy: AVUM Platoon Leader, Schweinfurt. Rtg: MTP. RW Qual. Time: 300 Hrs.

**Ball, Daniel L.**, (CPT) (M85) (Danny) 400 Lumpkin Road, Apt. B, Fort Benning, GA 31905-1510. Dy: (706) 545-2841. Res: (404) 682-6023. S: Kim. Dy: B Co, 1-11 Regt, Chief of Aviation Branch. RW Qual. Time: 950 Hrs./Cbt 150 AM/2.

**Ball, Robert D.**, (CPT/PI) (M84) (Bob) P.O. Box 71320, Fort Bragg, NC 28307. Dy: (919) 396-2205. Res: (919) 867-5908. S: Gitta. Dy: G4 Plans XVII Avn Corps. Rtg: AA TP MTP. RW Qual. Time: 700 Hrs./Cbt 38 AM/1. Life Member.

**Ballow, Robert S.**, (CPT) (M82) 60 End Avenue, Fort Rucker, AL 36362. Dy: (205) 255-5226. Res: (205) 255-8459. Rtg: SAA. Dy: Plt Trainer, D Co, 1-145th Avn, Rtg: NACY. RW Qual. Time: 1,500 Hrs./Cbt 130 AM/2.

**Ballow, Steven A.**, (2LT) (M92) (Steve) 110 Hirs Street, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 598-2097. S: Annabel. Dy: O Co, 1/145th Avn.

**Bangs, Sean R.**, (2LT) (M92) 12850 SW Evergreen, Beaverton, OR 97005. Dy: (315) 772-4385. Res: (315) 493-4241. S: Kris. Dy: B Co, 3/25th AHB, Fort Drum, NY. RW Qual. Time: 185 Hrs.

**Barr, Glenn J.**, (CPT) (M86) 8634 Bellows Circle, Colorado Springs, CO 80920. Dy: (719) 579-5411. Res: (719) 282-1453. S: Janet. Dy: Asst. S-3, 1/4 Avn. Regt., Fort Carson, CO. Rtg: AA. RW Qual. Time: 575 Hrs.

**Barnes, Roger J.**, (CPT) (M89) (Rodge) USDAO, US Consulate, Rio de Janeiro, Brazil, APO AA 34030. S: Kathy. Dy: Foreign Area Officer-Brazilian Cav Ofcs Advanced Course, Brazil. Rtg: SAA IP. RW Qual. Time: 1,600 Hrs.

**Barter, Shane E.**, (1LT) (M91) A Troop, 2-6 Cav, CMR 416, Box 99, APO AE 09140. S: Susanna. Dy: Plt Ldr. RW Qual. Time: 400 Hrs.

**Bartel, Richard C.**, (CPT) (M83) (Rick) 1728 Liberty Lane, Niceville, FL 32578. Dy: (904) 882-9252. Res: (904) 897-5240. S: Kathleen. Dy: Chief, Army Air Operations, JCCD, Eglin AFB, Florida. Rtg: AA. RW Qual. Time: 600 Hrs.

**Basham, Timothy A.**, (1LT) (M91) 403-D Somerset Drive, DeRidder, LA 70634. Dy: (318) 531-4267. Res: (318) 482-2865. Dy: Bde LNO, HHC Avn Bde. RW Qual. Time: 360 Hrs.

**Bass, David E.**, (1LT) (M89) (Dave) B Co, 2-227 Avn. Regt., Unit 20195, Box 1692, APO AE 09165. Res: (205) 598-3792. Dy: Platoon Ldr., Company AAAA Officer. Rtg: AA. RW Qual. Time: 250 Hrs. Past Chapter Officer.

**Bassett, David E.**, (CPT) (M88) 1201 27th Avenue, Fairbanks, AK 99701-6837. Dy: (907) 353-6449. Res: (907) 456-6949. S: Robin Ann. Dy: Cdr, C Co, 4th Bn, 123rd Avn Regt, Gen Supt, 6th LID, Ft. Wainwright. Rtg: SAA MTP. RW Qual. FW Qual. Time: 1,029 Hrs.

**Baum, David T.**, (CPT) (M92) (Dave) 605 Melbourne Drive, Enterprise, AL 36330. Dy: (205) 255-2531. Res: (205) 393-4277. S: Young Sim. Dy: Chief, Aeroscout/ASB Br, DES, Fort Rucker, AL. Rtg: MAA IP. RW Qual. FW Qual. Time: 3,800 Hrs./Cbt 1,250 AM/23, DFC/1.

# B Aviation Officer Directory

**Baxter, Jr., Robert M.**, (CPT) (M87) (Bob) RD 1, Box 222, Tioga, PA 16946. S: Michelle. Dy: JRTC, Fort Polk. Rtg: AA. RW Qual. Time: 1,200 Hrs.

**Beach, Ronald L.**, (CPT) (M83) 10216 Ocean Drive, Corpus Christi, TX 78419. Dy: (512) 939-3166. Res: (512) 939-9076. S: Karen. Dy: Aviation Officer, CCAO. Rtg: SAA. RW Qual. FW Qual. Time: 2,000 Hrs. Life Member.

**Beatty, John D.**, (CPT) (M89) 180 Lakeside Drive, Daleville, AL 36322. Res: (205) 598-3138. S: Sharon. Dy: A Co, 3rd MI BN (AE), Camp Humphries, Korea. Rtg: AA. RW Qual. FW Qual. Time: 800 Hrs.

**Beaudin, Christopher**, (CPT) (M87) (Chris) 515-2 Rimrock Terrace, Fort Riley, KS 66442-1124. Dy: (913) 239-6156. Res: (913) 784-2738. S: Laurie. Dy: 4th Bde, Asst S-3 (Training), 1 ID, Fort Riley, KS. Rtg: AA. RW Qual. Time: 550 Hrs./Cbt 45 AM/2.

**Beavers, William G.**, (CPT) (M89) P.O. Box 620005, Fort Rucker, AL 36362-0005. S: Deborah. RW Qual. Time: 680 Hrs./Cbt 52

**Beckman, James P.**, (CPT) (M88) (Jim) 4320 Loma Hermosa Drive, El Paso, TX 79934. Dy: (915) 568-8004. Res: (915) 821-0134. S: Lisa. Dy: Sqdn Maint Off, Fort Bliss, TX. Rtg: AA MTP. RW/FW Qual. Time: 900/Cbt 25 AM/1.

**Bedford, Richard L.**, (CPT) (M89) (Rick) P.O. Box 5804, Fort Hood, TX 76654. Dy: (817) 288-1975. Res: (817) 539-5402. S: Yong S. Dy: Bn, S-4, 15th MI BN (AE), Rgt: SAA FT. RW Qual. FW Qual. Time: 1,700 Hrs. Life Member. Past Chapter Officer.

**Belin, George S.**, (CPT) (M88) 419-J Halawa View Loop, Honolulu, HI 96818-4309. Dy: (808) 856-3140. Res: (808) 836-2901. S: Molly. Dy: Asst S-3, 4-25th Avn Regt, Wheeler Army Airfield, HI. Rtg: AA. Time: 575 Hrs.

**Bell, Mary J.**, (2LT) (M92) 507 Briarwood Drive, No. 88, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 347-4852. Dy: AV08C Student/O Co. 1/145th. RW Qual. Time: 1,600.

**Beltran Salvador, (2LT) (M91) (Sal) 4317 Wolford Drive, No. 3, Fort Riley, KS 66442-1832. Dy: (913) 239-3149. Res: (913) 784-3591. S: Mary. Dy: Platoon Leader, AH-64 Attack, A Co, 1-1 Aviation. Rtg: AA. RW Qual.**

**Bemis, Scott R.**, (1LT) (M89) 7113 Tris Court, Fayetteville, NC 28314. Dy: (919) 432-7755. Res: (919) 868-8934. Time: 500 Hrs.

**Benedict, Mark J.**, (CPT) (M91) HSC, 7-1 Avn, CMR 454, Box 2206, APO AE 09250-5000. S: Sallie. RW Qual. Time: 709 Hrs./Cbt 11 AM/1.

**Bennett, Jay E.**, (CPT) (M89) D Company, 502nd Aviation, Unit 29701, Box 178, APO AE 09028. S: Jude. Dy: Operations Officer, D Company, 502nd Aviation. Rtg: AA. RW Qual. Time: 860 Hrs./Cbt 30

**Bepler, George W.**, (CPT) (M89) A Co., S/159 Aviation, Unit 31023, Box 9, APO AE 09025. Res: (816) 331-8988. S: Kaoru. Dy: Maint Off. Rtg: AA.

**Betts, Steven J.**, (2LT) (M93) Gateside Rentals, Lot 10, Daleville, AL 36322. Res: (205) 598-3882. S: Kristal. Dy: D Co. 1/145 Avn, Fort Rucker, AL. Time: 40 Hrs.

**Bheodari, Balram J.**, (CPT) (M91) (B) 313 Windsor Court, King City, CA 93930. S: Satya. Dy: Test & Experimentation Command, Fort Hunter Liggett, CA. RW Qual. Time: 1,670 Hrs.

**Bianchi, John E.**, (CPT) (M92) 73 N. Harris Drive, Fort Rucker, AL 36362-2349. Dy: (205)

255-3344. Res: (205) 598-4376. S: Nikki. Dy: Small Group Instructor, Avn Officer Advanced Course, Fort Rucker, AL. Rtg: SAA. RW Qual. Time: 1,100 Hrs.

**Bianchi, Joseph S.**, (1LT) (M90) (Joe) 800 Brookwood Circle, Manhattan, KS 66802. Dy: (913) 239-2992. S: Neysa. Dy: Platoon Leader, HHC, 1-1 Avn. Regt. Fort Riley.

**Birdsong, Louis A.**, (2LT) (M91) 4310 Colby Drive, Killeen, TX 76543. Res: (817) 899-3705. S: Ann. Dy: B Trp, 3-6 Cav, Fort Hood, TX. RW Qual. Time: 250 Hrs. 1991 AAAA ROTC Cadet.

**Blackburn, David M.**, (CPT) (M92) 34 Nijmegen Street, Fort Bragg, NC 28307. Dy: (919) 396-3800. Res: (919) 436-4272. S: Lisa. Dy: F Trp, 1-17th Cav, 82nd Avn Bde. Rtg: AA MTP. RW Qual. Time: 910 Hrs. AM/1.

**Blackburn, Joseph W.**, (CPT) (M85) (Joe) 16 Fowler Lane, Fort Rucker, AL 36362-2302. Dy: (205) 255-6117. S: Luca. Dy: Cdr, Comanche EOC. Rtg: SAA. Time: 1,175 Hrs.

**Blanchard, Debra A.**, (1LT) (M90) (Deb) 7-227 Aviation Regiment, Unit 20197, Box 32, APO AE 09165-1536. Dy: Bn S2 Signal Officer.

**Bloch, Todd X.**, (1LT) (M91) P.O. Box 3396, Fort Polk, LA 71459-0396. Dy: (318) 531-2123. Res: (318) 537-2926. Dy: Bn S-2, 3/502nd Avn Bn, Fort Polk, LA. RW Qual. Time: 350 Hrs.

**Blum, Gustavo E.**, (CPT) (M87) (Gus) 561 Weldon Drive, Watertown, NY 13601-4474. Dy: (315) 772-3117. Res: (315) 778-3204. Dy: Cdr, C Troop, 3-17 Cavalry, Fort Drum, NY. Rtg: AA. RW Qual. Time: 760 Hrs. Life Member.

**Bodenschatz, Roger R.**, (1LT) (M91) (Slinger) B Co, 71227th Aviation, Unit 20197, Box 167, APO AE 09165. S: Lori. Dy: 7/227th Avn, Hanau Germany. RW Qual. Time: 210 Hrs.

**Boeding, Michael**, (CPT) (M92) 92-560 Awawa Street, Makiko, HI 96707. Dy: (808) 856-1080. Res: (808) 672-8558. S: Laura. Dy: Asst Bde S3, Wheeler Army Airfield. Rtg: AA. RW Qual. Time: 850 Hrs.

**Boehm, Kathleen A.**, (CPT) (M92) (Kate) HHC, 4-58th Avn Regt, Unit 15276, APO AP 96205-0049. S: Alfred. Dy: HHC, 4/58th Avn, Yongsan, Korea. RW Qual. Time: 500 Hrs.

**Boehne, Matthew A.**, (1LT) (M90) (Bink) 416 NW 71st Street, Lawton, OK 73505-5406. Dy: (405) 351-5807. Res: (405) 536-4362. S: Dawn. Dy: Maintenance Plt Ldr, 2/A/2-158th Avn. Rtg: AA. RW Qual. FW Qual.

**Boham, Robert S.**, (CPT) (M92) (Bob) P.O. Box 1787, Coppas Cove, TX 76522-1787. Dy: (817) 288-3214. Res: (817) 542-6104. S: April. Dy: Medical Evacuation Pilot, 507th Med Co. RW Qual. Time: 225 Hrs.

**Bolton, Alan K.**, (CPT) (M92) 2854 Morningdove Way, Enterprise, AL 36330. Dy: (205) 255-4086. Res: (205) 383-3322. S: Lori. Dy: F/1-14. Rtg: IP. Time: 900 Hrs./Cbt 15 AM/1.

**Bonilla, Jose A.**, (2LT) (M92) P.O. Box 3376, Millant, HI 96789. Dy: (808) 856-4630. Res: (808) 623-4244. S: Valerie. Dy: 68th Medical Det, Wheeler AAF, HI. RW Qual. Time: 250 Hrs.

**Book, Robert J.**, (CPT) (M89) (Jeff) A Troop, 6-6 Cavalry, CMR 416, Box 358, APO AE 09140.

Dy: Avn. Captain, S-4, HHT 6-6 Cav. RW Qual. Time: 625 Hrs. AM/1.

**Bowie, Jimmy D.**, (CPT) (M92) 3436-D Thompson Circle, Wahiawa, HI 96786. Dy: (808) 856-1254. Res: (808) 624-3509. S: Michelle. Dy: Cdr, A Co, 1-25th Avn (AH) Regt. RW Qual. Time: 550 Hrs.

**Bowley, Leonard W.**, (1LT) (M90) (Len) 59 Boyce Lane, Fort Rucker, AL 36362. Dy: (205) 255-3325. Res: (205) 598-5495. Dy: Medical Service Corps Advisor, DES, Fort Rucker, AL. Rtg: AA IP. RW Qual. FW Qual. Time: 3,510 Hrs.

**Boyd, Brent M.**, (1LT) (M90) 809 Sunrise Circle, Manhattan, KS 66502-5600. Dy: (913) 239-6488. Res: (913) 537-3586. Dy: Class III/V Plt Ldr, Asst S4.

**Boyd, Terrell C.**, (1LT) (M90) (Terry) B Co., 4-229th AHB, CMR 416 Box 688, APO AE 09140. S: Stacey. Dy: HHC, 4/229th Flying Tigers, Adv Atk Hel Regt, Wiesheim, Germany. RW Qual. Time: 400 Hrs.

**Boylan, Steven A.**, (CPT) (M89) (Steve) 3 Lexington Drive, Richmond Hill, GA 31324. Dy: (912) 352-5208. Res: (912) 756-5776. S: Michelle. Dy: Asst S-1, 1-24th Attack Helicopter Bn, HAF, GA. Rtg: SAA. RW Qual. Time: 1,400 Hrs.

**Bracewell, Brent E.**, (CPT) (M92) (Brent) 27 Johnson Street, Fort Rucker, AL 36362. Dy: (205) 255-5226. Res: (205) 598-5039. S: Ann. Dy: Flight Student, Fort Rucker.

**Bradley, Mark K.**, (CPT) (M86) 101 Kingswood Drive, Enterprise, AL 36330. Dy: (205) 255-6008. Res: (205) 347-5446. S: Marianne. Dy: A Co, 1/14th Avn. Rtg: IP. RW Qual. Time: 1,000 Hrs./Cbt 9 AM/1.

**Brandon, James M.**, (CPT) (M89) (Jim) 94-337 Anania Drive, Apt. 10, Milliani, HI 96789-2515. Dy: (808) 856-2557. Res: (808) 625-6282. S: Marina. Dy: Company Commander, A Co, 4-25th Avn, WAAF, HI. Rtg: AA. RW Qual.

**Brannstrom, Kurt R.**, (2LT) (M92) 87 N. Harris Avenue, Fort Rucker, AL 36362-5000. Res: (205) 598-9030. S: Diane. Dy: C Co, 1-13th Avn Regt. Fort Rucker, AL. Rtg: AA. RW/FW Qual. Time: 225 Hrs.

**Brasher, Michael R.**, (CPT) (M89) 6112 Garden Court, Fayetteville, NC 28311-2944. Dy: (919) 432-7771. Res: (919) 630-3055. S: Melanie. Dy: Assistant Operations Officer, HHC, 282 Avn, Ft. Bragg. Rtg: AA. RW Qual. Time: 650/Cbt 27 AM/1.

**Brehm, Leslie M.**, (CPT) (M85) (Les) 366 Bedford Circle, North Syracuse, NY 13212. Res: (315) 458-4288. S: Theresa. Dy: Graduate School-Army Controlship Program, Syracuse University. Rtg: SAA FT. RW/FW Qual. Time: 1,400 Hrs.

**Bricker, Paul W.**, (CPT) (M95) 536 E. Glendale, Alexandria, VA 22301. S: Annie. Dy: Army Secretariat, PERSCOM. Rtg: SAA. RW Qual. Time: 1,200 Hrs.

**Brinkman, Howard M.**, (CPT) (M92) (Mike) 112 North Harris, Fort Rucker, AL 36362. Dy: (205) 255-8344. Res: (205) 598-3562. S: Paula. Dy: USASD, Fort Ben Harrison, IN, w/Duty at Troy State Univ.. RW Qual. Time: 1,000/Cbt 11 AM/1.

**Broadhurst, Franklin P.**, (CPT) (M85) (Frank) P.O. Box 173, Ocala, GA 31774. Res: (912) 468-9071. RW Qual. Time: 880 Hrs.

**Brocke, Jason M.**, (2LT) (M91) 6696 Hanley Court, Fayetteville, NC 28314. Dy: (919) 396-5201. Res: (919) 887-6319. S: Malli. Dy: 18th Avn Bde. RW Qual. Time: 200 Hrs.

# C Aviation Officer Directory

**Brockman, Gregory, (CPT) (M84)** (Brock) 40 Red Cloud Road, Fort Rucker, AL 36362-2327. Dy: (205) 255-3344. Res: (205) 598-6101. S: Vickie L. Dy. Advanced Course Instructor, A Co, 1-145th Avn. Rtg: AA. RW Qual. Time: 1,200 Hrs. Past Chapter Officer.

**Brosky, James M., (CPT) (M89)** (Jim) 1942 Mermaid Drive, Fayetteville, NC 28304. Dy: (919) 432-5238. Res: (919) 868-1561. Dy: 62d Avn Bde, 62nd Avn Div, Fort Bragg, NC. Rtg: AA. RW Qual. Time: 700 Hrs.

**Brown, David R., (CPT) (M82)** 78th Aviation Bn. (P), Unit 45007, Box 78, APO AP 96343. Dy: USARJ Staff Avation Officer. Rtg: SAA. RW Qual. Time: 1,200 Hrs. Life Member.

**Brown, Gregory S., (CPT) (M89)** (Greg) 3620 NW 23rd Drive, Gainesville, FL 32605. Res: (904) 338-7567. S: Dawn. Dy. Foreign Area Officer, USA Student Detachment, Fort Ben Harrison. Rtg: AA. RW Qual. Time: 600 Hrs./Cbt 30 AM/1.

**Brown, Otis L. II., (CPT) (M91)** (Shadow) 30 Boyce Lane, Fort Rucker, AL 36362. Dy: (205) 255-3344. Res: (205) 598-3382. S: Sandra. Dy: SGI, A Co, 1-145th. RW Qual. Time: 1,030 Hrs./Cbt 30 AM/2.

**Brown, Robert S., (CPT) (M91)** (Scott) D Troop, 517th Cav, Unit 15038, APO AP 96224. S: Judi. RW Qual. Time: 200 Hrs.

**Brucker, Duane E., (CPT) (M82)** 832-E Tamarack Drive, W. Carthage, NY 13619. Dy: (315) 772-3362. Res: (315) 493-6218. S: Kim. Dy: S-4, 3rd Sqdn, 17th Cavalry, Rgt: MTP. RW Qual. FW Qual. Time: 1,200 Hrs.

**Brucker, Todd E., (2LT) (M91)** 1001 Twin Creek Drive, Killeen, TX 76543. Dy: (817) 278-1157. Res: (817) 690-8916. Dy: HHS, XO, 15th M Bn (AE), Fort Hood, TX. RW Qual. FW Qual. Time: 550 Hrs.

**Bruggemeyer, Kurt R., (CPT) (M88)** (Bugs) HHT 1-1 Cavalry, CMR 401, Box 812, APO AE 09076. S: Patti.

**Bullinger, James R., (CPT) (M85)** (The Bull) PSC 4, Box 118, APO AA 34004. S: Tracy. Dy: Bn SA, 1-228th Avn Regt, Fort Kobbe, Panama. Rtg: SAA. IP. RW Qual. Time: 1,350 Hrs.

**Burger, John E., (1LT) (M91)** 109 Highway 134, Apt. 708, Daleville, AL 36322. Res: (205) 834-4720. Dy: Avn Officers Advance Course, Fort Rucker, AL. RW Qual. Time: 524 Hrs.

**Burgess, Scott S., (CPT) (M87)** (Scottie) Monterey Bay Chap VP Memb, C Co, 1/123rd Avn, Fort Ord, CA 93941. Dy: (408) 242-5915. Res: (408) 394-4705. S: Catharine. Dy: Cdr, C/1-123 Avn, 7th ID(L). Rtg: IP. RW Qual. Time: 1,100 Hrs.

**Burns, Stephen T., (CPT) (M89)** HHC, 2-227th Avn, Unit 20195, APO AE 09165. S: Kimberly. Dy: 1 AD, Cdr, HHC, 2-227th Avn, Hanau, Germany. RW Qual. Time: 1,150 Hrs./Cbt 40 AM/1.

**Busch, Steven R., (CPT) (M90)** Wings of the Marine Trust, A Co, 3-1, CMR 454 Box 3028, APO AE 09250-5000. S: Susan. Dy: Co Commander, Katterbach, Germany. Rtg: AA. RW Qual. Time: 600 Hrs./Cbt 15 AM/1.

**Byrne, Alfred J.T., (1LT) (M89)** (J.T.) 232 Whip-poorwill Lane E., Richmond Hill, GA 31324. Dy: (912) 352-6203. Res: (912) 756-4683. S: Vicki. Dy: MIDAC, A Co, USA Intell School, Fort Huachuca, AZ. RW Qual. Time: 702 Hrs./Cbt 104 AM/1.

**CCCCCCCCCC**

**Campbell, Charles B., (2LT) (M91)** (Brent) 1168 Windham Court, Fayetteville, NC 28303. Dy: (919)

396-6193. Res: (919) 868-7053. Dy: 1/17 Cav 82d Avn Div, Fort Bragg, NC.

**Carlson, Calvin T., (CPT) (M87)** (Spanky) 850 N. Randolph Street, No. 1434, Arlington, VA 22203. Rtg: AA. IP. Time: 1,700 Hrs.

**Carney, Steven P., (CPT) (M88)** (Steve) 5915 St. Cambridge Way, Alexandria, VA 22310. Dy: (703) 697-5484. Res: (703) 313-9084. S: Rebecca. Dy: HQDA, ODCSINT, Pentagon. RW Qual. FW Qual. Time: 1,200 Hrs.

**Carpenter, Martin T., (CPT) (M84)** (Marty) Route 3, 105 Valley View Drive, Enterprise, AL 36330. Dy: (205) 255-2716. Res: (205) 347-4515. S: Janice. Dy: Cdr, HHC 2/229. Rtg: AA. Time: 1,200

**Carroll, Carolyn A., (CPT) (M85)** 1511 Deep Creek Lane, Manhattan, KS 66502. Dy: (913) 239-2313. Res: (913) 537-8987. S: Joe. Dy: Cdr, C Co, 4-1 Avn Regt. Rtg: AA. AP. Time: 600 Hrs./Cbt 34 AM/1.

**Carroll, Robert J., (CPT) (M87)** (Bob) 501 Eysian Drive, Clarksville, TN 37040-6581. Dy: (502) 798-5320. Res: (615) 647-5219. S: Diana. Dy: Cdr, HHC, 5-101st Avn, 101st Avn Div (AASLT), Fort Campbell, KY. Rtg: AA. RW Qual. Time: 600

**Carter, Brian L., (2LT) (M91)** 1834 Madison Street, Apt. B11, Clarksville, TN 37043. Dy: (615) 798-2212. Res: (615) 645-3864. S: Monique. Dy: B Co, 8-101st Avn Regt, Fort Campbell, KY. Rtg: MTP. RW Qual. Time: 200 Hrs.

**Caryl, James R., (2LT) (M92)** (Jim) 100 A.M. Windham #603, Daleville, AL 36322. Dy: (205) 255-5226. Res: (205) 598-1389. S: Beth. Dy: Fort Riley, KS. Rtg: AA. RW Qual. Time: 500

**Casper, Michael A., (CPT) (M86)** (Mike) D Troop, 2-6 Cav, CMR 416, Box 201, APO AE 09140. S: Susana. Dy: Troop Commander, Illshelm, Germany. Rtg: SAA. RW Qual. FW Qual. Time: 1,700.

**Cates, Stewart M., (1LT) (M91)** 326-D Quaker Avenue, Philadelphia, NY 13673. Dy: (315) 772-3842. Res: (315) 642-0612. S: Michelle. Dy: Company XO, C/2-25 ATKHB, Fort Drum, NY. RW Qual. Time: 400 Hrs.

**Catoire, Erin R., (CPT) (M87)** 119 Mooreland Drive, Hopkinsville, KY 42420. Dy: (502) 798-5862. Res: (502) 885-3271. S: Phil. Dy: HHC DISCOM, 101st Avn Div (AASLT), Fort Campbell, KY. Rtg: AA. RW Qual. Time: 800 Hrs./Cbt 150 AM/1.

**Chapman, David P., (CPT) (M92)** HSC 2-1 Aviation, CMR 454, Box 3292, APO AE 09250. S: Monica. Dy: Bn, S-4, HSC 2-1 Avn. RW Qual. Time: 800 Hrs. AM/1.

**Charles, Franklin T., (1LT) (M88)** (Rodeo) 121 Monroe Street, Radcliff, KY 40160-9040. Dy: (502) 624-3142. Res: (502) 351-4821. Dy: A Co, Aik Pit Ldr, 8/229th Regt, Ft. Knox. Rtg: AA. RW Qual. Time: 800 Hrs.

**Chism, Richard A., (1LT) (M89)** (Rich) Monterey Bay Chap Treas., 214 Tunisia, Fort Ord, CA 93941. Dy: (408) 242-7905. Res: (408) 899-4321. S: Rachael. Dy: Asst S3, HHT, 2-9 Cav. RW Qual. Time: 675 Hrs.

**Choi, Fredrick S., (CPT) (M91)** (Fred) 6251

Lake Trail Drive, Fayetteville, NC 28304-0551. Dy: (919) 432-2730. Res: (919) 425-5204. S: Mary. Dy: 1-17th Cavalry, Fort Bragg, NC. RW Qual. Time: 250 Hrs.

**Cincotta, Mark J., (CPT) (M88)** 3248 Village Drive, Sierra Vista, AZ 86535. Dy: (602) 539-2832. Res: (602) 458-8894. Dy: B Co, 304th M Bn, Fort Huachuca, AZ. RW Qual. FW Qual. Time: 1,200 Hrs.

**Clark, Brett M., (2LT) (M83)** Route 2, Box 255, Daleville, AL 36322. Dy: (205) 255-4820. Res: (205) 598-6418. S: Susan.

**Clark, Frank S., (1LT) (M90)** 825 Danish Drive, Fayetteville, NC 28303-5670. Dy: (919) 396-3789. Res: (919) 868-2682. Dy: Pit Ldr, C Trp, 1-17th Cav (Atr), Fort Bragg, NC. RW Qual. Time: 400 Hrs.

**Clegg, Joseph F., (CPT) (M87)** (Joe) 5268 Murphy Circle SW, Atlanta, GA 30310-5118. Dy: (404) 752-4051. Res: (404) 756-9407. S: Julie. Dy: Aide-de-Camp to MG Bob Frix, Fort McPherson, GA. Rtg: SAA. RW Qual. Time: 1,300 Hrs./Cbt 50 AM/1.

**Climer, Charles T., (CPT) (M87)** (Tom) A Co, 2-1 Avn Regt., Unit 15432, APO AP 96257-0478. Dy: Company Commander. Rtg: AA. RW Qual. Time: 700 Hrs.

**Collman, Carl R., (CPT) (M88)** 5637-2 Lockridge Loop, Fort Hood, TX 76544. Dy: (817) 287-7985. Res: (817) 539-2902. S: Karen. Dy: Commander, C Troop, 4th Sqdn, 6 Cav Bde. Rtg: AA. RW Qual. Time: 700 Hrs.

**Coll, Jeffrey N., (CPT) (M83)** 3349 Shepard Street, Evans, MI 49121. Dy: (315) 772-5556. Res: (315) 629-1516. S: Nancy. Dy: Aide-de-Camp, Cg 10th Mtn Div (LJ), Fort Drum, NY. Rtg: SAA. RW Qual. Time: 1,500 Hrs./Cbt 150 AM/2.

**Connors, Scott P., (CPT) (M91)** 213 Tunisia Road, Fort Ord, CA 93941. Dy: (408) 242-3008. Res: (408) 394-4342. S: Leo. Dy: B Co/1-123rd Avn Regt. Rtg: AA. RW Qual. Time: 800 Hrs.

**Cook, James C., (CPT) (M89)** (Jim) American Embassy-Nicosia, PSC 815, FPO AE 09836-0001. Dy: Beirut Air Bridge Liaison Officer, Cyprus. Rtg: SAA. RW Qual. Time: 1,100.

**Cook, Patrick R., (2LT) (M92)** 3482 Augusta Drive, Enterprise, AL 36330. Res: (205) 347-1223.

**Cooper, Curt S., (CPT) (M89)** (Coop) 507 Briarwood Drive, Apt. 2A, Enterprise, AL 36330. Dy: (205) 255-4605. Res: (205) 983-2368. S: Loretta. Dy: C Co, 1-212th Avn Regt, Fort Rucker, AL. Rtg: IP. RW Qual. FW Qual. Time: 700 Hrs./Cbt 100 AM/2.

**Coplen, Lorelei W., (CPT) (M89)** 126-B Washington Road, West Point, NY 10996. S: Richard. Dy: Tactical Officer, West Point, NY.

**Coplen, Mark W., (CPT) (M88)** HHC, 2/501st Avn, Unit 15210, APO AP 96271-0124. Dy: S-1, Camp Humphreys, Korea. RW Qual. Time: 450 Hrs./Cbt 25 AM/2.

**Corcoran, James M., (1LT) (M89)** (Jim) HHT 4/11th ACR, Box 167, Unit 20804, APO AE 09146-0768. S: Nancy. Dy: S4, HHT, 4/11th ACR.

**Cote, Courtney P., (2LT) (M91)** HHC, 5/501st Avn Regt, Unit 15567, APO AP 96297-0626. S: Shelly. Dy: Battalion S-1, Camp Eagle, Wonsu, Korea. RW Qual. Time: 300 Hrs.

**Coults, William H., (2LT) (M91)** (Bill) 219 Bobwhite Drive, Clarksville, TN 37042. Dy:

(502) 798-7095. Res: (615) 645-6988. S. Chris. Dy: B Co, 3/101st Avn. RW Qual. Time: 250.

**Covert, Robert C.**, (CPT) (M90) P.O. Box 620702, Fort Rucker, AL 36362-0702. S. Kimberly. Rtg: AA. RW Qual. Time: 600 Hrs.

**Cowan, Carl W.**, (CPT) (M92) 100 A.M. Windham Drive, Apt. 307, Daleville, AL 36322.

**Kox, Darren V.**, (1LT) (M91) P.O. Box 10775, Killeen, TX 76547-0775.

**Coyno, Eugene F.**, (CPT) (M80) (Gene) HHC 2-227 AHB, APO AE 09165. S. Davette. Dy: Cdr. Hansu, Germany. Rtg: SAA. PW Qual. Time: 2,100 Hrs./Cdt 65 AM/2.

**Crabb, Jeffrey A.**, (CPT) (M89) (Buster) 34 Logan Street, Fort Rucker, AL 36362. Dy: (205) 255-3973. Res: (205) 598-9548. S. Sandra. Dy: ASE Project Officer, Directorate of Combat Developments. RW Qual. FW Qual. Time: 1,600 Hrs./Cdt 35 AM/1.

**Crany, Clarence J.**, (1LT) (M91) 279 Grewia Place, Apt. J, Honolulu, HI 96818-1216. Dy: (808) 856-2625. Res: (808) 839-5105. S. Tammy. Dy: Plt Ldr, B Co, 1/25th Avn. Rtg: AA. RW Qual. Time: 460 Hrs. Past Chapter Officer.

**Crosby, Julie A.**, (CPT) (M89) P.O. Box 35392, Fort Wainwright, AK 99703-0392. Dy: (907) 353-1147. Dy: Bn S-1, 4/123rd Avn Regt, 6th ID (L), Fort Wainwright, AK. Rtg: AA. RW Qual. Time: 600 Hrs. AM/1.

**Crozier, William E.**, (CPT) (M88) (Bill) 38 Beaver Run Drive, Savannah, GA 31419. Dy: (912) 355-5777. Res: (912) 921-5730. S. Tammy. Dy: 224 AFB, Hunter Army Airfield. Rtg: AA. Time: 900 Hrs.

**Crutchfield, Tony G.**, (CPT/P) (M89) (Crutch) 55 Dragon Drive, Fort Leavenworth, KS 66602. Res: (913) 651-6300. S. Kim. Dy: Student, CGSC Class 92/93. RW Qual. Time: 1,310 Hrs./Cdt 25

**Culkin, David T.**, (2LT) (M91) (Dave) 723 Allison Avenue, Apt. 2, Manhattan, KS 66502. Dy: (913) 374-4656. Dy: A Co, 1-1 Avn Regt, Fort Riley, KS. RW Qual. Time: 250 Hrs.

**Kumbia, Robert M.**, (CPT) (M86) (Mike) 114 Chapelwood Drive, Enterprise, AL 36330. Dy: (205) 255-3808. Res: (205) 393-0728. S. Jane. Dy: Aet TSM OH580 Kiowa Warrior, Fort Rucker, AL. Rtg: SAA. RW Qual. Time: 2,300 Hrs./Cdt 48 AM/1.V.

**Cunningham, John R.**, (CPT) (M86) (Robert) C Company, 4-229 AAHR, CMR 416, Box 716, APO AE 09140. S. Tracy. Dy: Co Cdr, Ilesheim, Germany. Rtg: AA. RW Qual. Time: 988 Hrs. AM/1. Secretary, Talon Chapter.

**Cy, Michael P.**, (CPT) (M89) (Mike) HHC, 2-501st Avn, Unit 15210, APO AP 96271-0124. S. Linda. RW Qual. Time: 700 Hrs.

**Cyulik, John M.**, (1LT) (M91) (Gabby) CMR 454, Box 1959, APO AE 09250. Dy: HSC, 3-1 Avn Bn, 3rd, GE. Rtg: AA. RW Qual. Time: 200.

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**Dahquist, James K.**, (1LT) (M90) 312 Mary's Oak Drive, Clarksville, TN 37042. Res: (615) 648-4060. S. Lisa. Dy: A Co, 1-101st Avn Regt. RW Qual. Time: 500 Hrs.

**D'Antonio, George F.**, (1LT) (M93) (Dee) 240 H. Riverview Drive, Colorado Springs, CO 80919. Res: (719) 593-8764. S. Janine. RW Qual. Time: 300 Hrs.

**Darrow, Keith R.**, (CPT) (M84) 401 Candlewood

## D Aviation Officer Directory

**Drive, Enterprise, AL 36330.** Dy: (205) 255-6716. Res: (205) 347-0727. S. Cheryl. Dy: Cdr, B Co, 1-13th Avn Regt, Fort Rucker, AL. Rtg: SAA. PW Qual. Time: 1,640 Hrs.

**Daum, Richard S.**, (CPT) (M91) (Rich) 305 Arundel Court, Fayetteville, MO 28311. Dy: (919) 432-0667. Res: (919) 822-3901. S. Michele. Dy: Division Avn Plans & Operations Officer, 82nd Airborne Div. RW Qual. Time: 800 Hrs./Cdt 35 AM/1.V.

**David, Richard N.**, (CPT) (M91) (Neal) CMR 467, Box 6438, Unit 29626, Box 1605, APO AE 09096. S. Vickie. Dy: Evacuation Officer, Wiesbaden Air Base, Germany. RW Qual. Time: 650 Hrs./Cdt 75 AM/2. Life Member.

**Davis, Dan J.**, (CPT) (M85) 3685 Summerbreeze Drive, Colorado Springs, CO 80918. Dy: (719) 576-2180. Res: (719) 522-0540. S. Linda. Dy: Bde S1, 4th Avn Bde, Fort Carson, CO. Rtg: AA. RW Qual. Time: 950 Hrs.

**Debany, Richard B.**, (2LT) (M92) Box 288, Fort Rucker, AL 36362. Res: (205) 598-6412. Dy: AVOAC Student, D Co., 1/145th Avn Regt. RW Qual. Time: 200 Hrs.

**DeCrane, Sharon E.**, (2LT) (M91) 1671 Fort Campbell Blvd., No. X9, Clarksville, TN 37042-3570. Dy: (502) 798-6013. Dy: Platoon Leader, B Co, 4/101st Avn, Fort Campbell, KY. RW Qual. Time: 250 Hrs.

**DeForest, Bert H.**, (1LT) (M90) D Co, 502nd Avn Regt, Unit 29701, Box 148, APO AE 09028. S. Ann. Dy: Service Platoon Leader, Mannheim, Germany. RW Qual. Time: 400 Hrs.

**DeLeon, Richard F., Jr.**, (CPT) (M91) (Rick) 3508-B Cadet Sheridan Rd., Wahiawa, HI 96786. Dy: (808) 656-1344. Res: (808) 624-3755. S. Tracy. Dy: Commander, C Troop, 5th Sqn, 9th Cav, Wheeler Army Airfield, HI. RW Qual. Time: 1,100 Hrs.

**Deller, Sean T.**, (CPT) (M88) P.O. Box 42066, Savannah, GA 31409. Dy: Aviation Brigade, 24th ID, Hunter Army Airfield, GA. Rtg: AA. RW Qual. Time: 720 Hrs.

**Dement, Ronald W.**, (CPT) (M89) 1447 Werner Park, Apt. A, Fort Campbell, KY 42233-1180. Dy: (502) 798-2074. Res: (615) 431-5297. S. Jane. Dy: XO, A Co, 7/101st Avn Regt. RW Qual. Time: 535 Hrs./Cdt 51 AM/2.

**Despain, Michael J.**, (CPT) (M86) PSC 01, Box 983, APO AA 34001-5000. S. Sue. Dy: 128th Avn Bde, Aviation Maint Officer, Panama. Rtg: SAA MTP. RW Qual. Time: 1,300 Hrs.

**Desroches, Lisa K.**, (CPT) (M89) 1032 Hillshire Drive, Clarksville, TN 37043. Dy: (502) 798-6384. S. Pierre. Dy: 6-101st Avn Regt, Cdr, HHSC. RW Qual. Time: 575 Hrs.

**DeVine, Thomas J.**, (CPT/P) (M90) P.O. Box 325, Platte City, MO 64079. Res: (816) 431-3801. S. Marcia. Dy: CGSC. Rtg: AA TP. Time: 1,000 Hrs./Cdt 74 AM/1. Past Chapter Officer.

**Dexter, Carroll A.**, (CPT) (M92) (Dex) 77013 Ruske Circle, Fort Hood, TX 76544. Dy: (817) 288-4740. Res: (817) 539-8171. S. Becky. Dy: S-3, OSAC, West Region HQ. Rtg: AA. Time: 1,000 Hrs.

**Diaz-Freytes, Wilfredo**, (1LT) (M91) (Willie) B Co, 70th Trans BN AVIM, Unit 29119, Box 333, APO AE 09028. S. Maria. Dy: AD Platoon Leader. Rtg: MTP. RW Qual. Time: 230 Hrs.

**Dick, Randy J.**, (2LT) (M91) 101 S. Twin Creek Drive, Apt. 1612, Killeen, TX 76543-4727. Dy: (817) 288-7521. Dy: Avn Bde, 1st Cav Div.

**Dickey, Clifton L.**, (CPT) (M92) P.O. Box 70759, Fort Bragg, NC 28307-0759. Dy: (919) 432-0801. Dy: S-4, 2-83rd Avn Bn. Rtg: MTP. RW Qual. Time: 1,115 Hrs.

**Dijohnson, Thomas E.**, (CPT) (M87) (Tom) 3506 Pebble Drive, Killeen, TX 76542. Dy: (817) 288-9666. Res: (817) 634-7824. S. Linda. Dy: Battalion XO, OSAC, Western Region HQs, Fort Hood, TX. Rtg: AA. RW Qual. FW Qual. Time: 1,800 Hrs.

**Dillenbeck, Laurel E.**, (1LT) (M90) 51785 Comanche Circle, No. 2, Fort Hood, TX 76544-1105. Dy: (817) 288-9629. Res: (817) 539-2042. S. Rick. Dy: Adjutant, 15th MI Bn (AE), Fort Hood, TX. Rtg: AA. RW Qual. FW Qual. Time: 500 Hrs.

**Dillon, Brian E.**, (1LT) (M91) 492 Linds End, Fayetteville, NC 28314-1741. Dy: (919) 396-6583. Res: (919) 867-3706. S. Army. Dy: Atk Hqtr Plt Ldr, A Co, 1/82nd, Fort Bragg, NC. RW Qual. Time: 350 Hrs.

**Disinger, Douglas A.**, (CPT) (M88) (Doug) 103 Harrold Road, Daleville, AL 36322. Dy: (205) 255-3344. Res: (205) 598-2372. S. Melissa. Dy: AVOAC Student, A/1-145th Avn, Fort Rucker, AL. RW Qual. Time: 510 Hrs.

**Distler, Donald E.**, (CPT) (M88) PSC #1, Box 5427, APO AA 34001. Dy: (507) 284-6558. Res: (507) 284-6687. S. Sharon. Dy: Detachment Commander, Fort Clayton, Panama. Rtg: AA. RW Qual. FW Qual. Time: 1,400 Hrs.

**Doane, Barrett S.**, (1LT) (M91) (Shay) 4th Brigade, 7-1 Avn Regt, CMR 454, Box 1662, APO AE 09250. S. Cindy. Dy: OH-580 Pilot, Katterbach, Germany. RW Qual. Time: 300 Hrs.

**Doehring, Andrew D.**, (1LT/P) (M89) 61-225 Kamehameha Hwy, Haleiwa, HI 96712. Dy: (808) 656-0297. Res: (808) 637-0942. Dy: XO, 45th ASt Co, Wheeler Army Airfield. RW Qual. Time: 570.

**Dorsett, Larry P.**, (CPT) (M91) (Lary) 2501 S. Virginia Street, Apt. 12, Hopkinsville, KY 42240. Dy: (502) 798-5245. Dy: D Co, 4/101st Avn Regt, Fort Campbell, KY. Rtg: AA TP. RW Qual. Time: 700 Hrs.

**Dosler, David A.**, (2LT) (M92) 606 Livingston Street, Daleville, AL 36322. Dy: (205) 255-3311. Res: (205) 598-4064. S. Dawn. Dy: D Co, 1/145th Avn. Regt. RW Qual. Time: 160 Hrs.

**Downs, Jimmy E.**, (CPT) (M91) (Jimmy) A Co, 9-227, Unit 20198, Box 57, APO AE 09165. S. Lisa. Dy: AVIM XO, Hansu, Germany. Rtg: MTP. RW Qual. Time: 1,000 Hrs./Cdt 53 AM/1.

**Drake, Timothy E.**, (CPT) (M84) (Tim) 405 Willowood Drive, Enterprise, AL 36330. Dy: (205) 255-3257. Res: (205) 393-7908. S. Cathy. Dy: Director of Training and Doctrine, Fort Rucker, AL. Rtg: AA. RW Qual. Time: 850 Hrs. Past Chapter Officer.

**Drennon, William S.**, (CPT) (M91) (Scott) 1702 Moonlight Drive, Killeen, TX 76543. Dy: (817) 288-9129. Res: (817) 699-1893. S. Laurie. Dy: AVUM Plt Ldr, 507th Med Co (AA) Air Ambulance, Fort Hood, TX. Rtg: MTP. RW Qual. Time: 350.

**Driscoll, William F.**, (1LT) (M91) (Bill) 1521 Colonial Drive, Apt. 303, Woodbridge, VA 22192. Dy: (703) 806-7088. Res: (703) 491-5272. Dy: Rotary Wing PAT OSAC, Davison Army Airfield, Ft. Belvoir, VA. Rtg: AA. RW Qual. Time: 1,100 Hrs.

**Driver, Mark M.**, (1LT) (M9) 61-161 Ilohu Place, Haleiwa, HI 96712. Res: (808) 637-0928. Dy: B Troop, 5th Cav, Schofield Barracks, HI. RW Qual. Time: 400 Hrs.

**Dubeck, John D.**, (CPT) (M89) 308 Kelsey Drive, Clarksville, TN 37042. Dy: (502) 798-5427. Res: (615) 552-2988. Dy: H Company, 159th Aviation Regt, Fort Campbell, KY. Rgt: AA TP. RW Qual. Time: 450 Hrs.

**Duke, Susan M.**, (1LT) (M91) 959 Quail Lake Circle, No. 302, Colorado Springs, CO 80906. Dy: (719) 579-1732. Res: (719) 527-8307. Dy: 2nd Ft Pil Ldr, E Co, 4th CAB, 1 Bde. RW Qual. Time: 240 Hrs.

**Dumoulin, John E.**, (CPT) (M86) (John) 5200 Coe Avenue, Apt. 1193, Fort Ord, CA 93941. Dy: (408) 242-5358. Res: (408) 394-2738. Dy: HHC, Avn Bde, 7th ID (L). Rgt: AA. RW Qual. Time: 1,000.

**Dunaway, Joe D.**, (CPT) (M85) 6835 St. Julian Way, Fayetteville, NC 28304. Dy: (919) 396-2945. Res: (919) 864-7302. S: Anita. Dy: AVUM Cdr, D Co, 1-229th Aik Helicopter Bn, Fort Bragg, NC. Rgt: TP. RW Qual. Time: 1,200 Hrs.

**Duncan, Rodger T.**, (CPT) (M86) (Tom) 12th Aviation Brigade, Unit 29632, APO AE 09096. S: Betty. Dy: Brigade AMO, Westwood Air Base. Rgt: MTP. RW Qual. Time: 785 Hrs.

**Dupree, Ron D.**, (CPT) (M83) 335 Dupree Drive NW, Huntsville, AL 35806. Dy: (205) 842-2933. Res: (205) 830-4190. S: Shana L. Dy: Operations Research and Systems Analyst, Redstone Arsenal, AL. Rgt: SAA. RW Qual. Time: 1,525 Hrs. Past Chapter Officer.

**Dykes, David A.**, (CPT) (M90) 1951 Redhawk Drive, Enterprise, AL 36330. Dy: (205) 255-5341. Res: (205) 347-7029. S: Patricia. Dy: Small Group Instructor, Avn Off Advanced Course. Rgt: AA. RW Qual. Time: 800 Hrs./Cbt 50 AM/1. Past Chapter Officer.

**Dylman, Dixon**, (2LT) (M91) 1010 Brookhollow Drive, Apt. 1, Fayetteville, NC 28314-1106. Dy: (919) 421-1, 1-58th Avn (ATC), Fort Bragg, NC.

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**Eberla, Joann Y.**, (CPT) (M89) 5200 Coe Avenue, Apt. 1196, Fort Ord, CA 93941. Dy: (408) 647-5501. Res: (408) 899-4019. S: Nita. Dy: Foreign Area Officer, DLJ, Presidio of Monterey, CA. Rgt: AA. RW Qual. Time: 850 Hrs. Past Chapter Officer.

**Elmer, Gregory R.**, (CPT) (M88) (Greg) 116 Independence, Enterprise, AL 36330. Res: (205) 347-3652. S: Jana. Dy: AVNDC, Fort Rucker, AL. Rgt: AA. RW Qual. Time: 540 Hrs./Cbt 70 AM/1.

**Edwards, Donald W., Jr.**, (2LT) (M93) (Don) 111 Villa Drive, No. 16, Camelot Villa, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 393-3532. S: Yvette. Dy: Student Pilot. RW Qual. Time: 150.

**Edwards, Jeffrey L.**, (CPT) (M93) (Jeff) 2700 Britany Terrace, Apt. 5, Manhattan, KS 66502. Dy: (913) 239-3970. Res: (913) 537-3361. Dy: Cdr., B Co, 1st Bn, 1st Avn. Regt., RW Qual. Time: 700 Hrs./Cbt 10 AM/1.

**Edwards, Keith R.**, (CPT) (M90) A Trp 2/6 Cavalry, Box 17, APO AE 09140. S: Mark. Dy: Troop Commander, Ilesheim, Germany. RW Qual. Time: 1,200 Hrs. Past Chapter Officer.

**Eichelberger, Scott**, (CPT) (M89) C Company, 2-3 Aviation, Unit 26417, Box 23, APO AE 09182. S: Lois. Dy: AH-64 Aik Co Cdr, Giebelstadt, Germany. Rgt: AA. P. RW Qual. Time: 1,800 Hrs.

## F Aviation Officer Directory

**Eldredge, Charles B.**, (1LT) (M89) (Chuck) 101 St. George Blvd., Apt. 8A, Savannah, GA 31419. Dy: (912) 352-6357. Res: (912) 920-8715. Dy: XO, HHC, 1-24 Avn Regt, HAAF. RW Qual. Time: 400 Hrs.

**Ellerbe, James M.**, (1LT) (M89) (Mike) 4315-2 Wofford Drive, Fort Riley, KS 66442. Dy: (913) 239-8964. Res: (913) 784-6138. S: Karen. Dy: F Co, 1st Avn. Regt., Rgt: MTP. RW Qual. Time: 400 Hrs.

**Elliot, Bruce A.**, (1LT) (M91) 1749 Broadripple Drive, Clarksville, TN 37042. Dy: (502) 798-5000. Res: (615) 551-8455. S: Michal. Dy: 2/17th Cav, Fort Campbell, KY. RW Qual. Time: 410 Hrs.

**Enderle, Kimberly A.**, (CPT) (M88) (Kimbo) 6466 Brookshire Street, Fayetteville, NC 28314. Dy: (919) 396-4114. Res: (919) 864-9620. Dy: Commander, F Troop, 4/17th Cav Sqn, Fort Bragg, NC. Rgt: AA MTP. RW Qual. Time: 550 Hrs.

**Enker, Erich**, (CPT) (M84) D Co, 2-2 Avn. Regt., Unit 15431, APO AP 96257-0464, S: Michele. Dy: Company Commander, D Co, 2-2 Avn, Camp Stanley, Korea. Rgt: MAA TP MTP. Time: 2,300 Hrs./Cbt 125 AM/2.

**Evans, Frederick**, (CPT) (M89) HHC, 100th ASG, CMR 415, Box 3989, APO AE 09114. Dy: Operations Officer, Grafenwohr AAF, Germany. Rgt: AA. RW Qual. FW Qual. Time: 500 Hrs. Past Chapter Officer.

**Evans, John R.**, (CPT) (M89) (Rattler) 483 Greywells Court, Fayetteville, NC 28311. Dy: (919) 432-7755. Res: (919) 822-5862. S: Lynn. Dy: Co. Cdr., B Co, 3-229 Avn. Group, Rgt: AA. RW Qual. Time: 400 Hrs./Cbt 30 AM/1, V.

**Evans, Samuel S.**, (CPT) (M85) (Sam) 509 Brentwood Circle, Clarksville, TN 37042. Dy: (615) 798-4891. Res: (615) 553-4191. S: Reva. Dy: Cdr, D Co, 6/101st Avn Regt, Fort Campbell, KY. Rgt: AA TP. RW Qual. Time: 920 Hrs.

**Eyler, Tim S.**, (CPT) (M92) 5512 Deep Hollow Court, Fayetteville, NC 28311. Dy: (919) 396-7608. Res: (919) 630-3779. S: Susan. Dy: S-4, HHC, 229th Avn Regt (Abr), Ft. Bragg, NC. Rgt: MTP. RW Qual.

## FFFFFFF

**Fabrizio, Robert P., II**, (CPT) (M92) (Bob) C Co, 2nd Avn Regt (AMC), APO AP 96257-0456. S: Stacy. Dy: Maintenance Officer, Camp Stanley, Korea. Rgt: AA MTP. RW Qual. Time: 350 Hrs.

**Fannin, Ulla A.**, (CPT) (M91) 9633 Washington Street, Fort Lewis, WA 98433. Dy: (216) 968-1760. S: Coleman. Dy: Madigan Army Medical Center, Fort Lewis, WA.

**Fawcett, Teena M.C.**, (1LT) (M90) P.O. Box 1236, Red Lodge, MT 59068. Res: (406) 446-2547. S: Gregory. Dy: Platoon Ldr, 1st Plt, B Co, 4-58th Avn. RW Qual. Time: 300 Hrs. Life Member.

**Fehlinger, Dennis C.**, (1LT) (M88) Quarters 7219-A, Fort Carson, CO 80913. Dy: (719) 579-4955. Res: (719) 540-8074. S: Leslie. Dy: Asst S-3, 2-7 Cav. RW Qual. Time: 302 Hrs.

**Felstner, Curt D.**, (1LT) (M92) (Curt) 92-1250 Maialiko Drive, Apt. 76, Kapolei, HI 96707. Dy: (808) 684-0872. Res: (808) 672-3980. Dy: Ex-

ecutive Officer. RW Qual. Time: 350 Hrs.

**Ferrer, Felipe**, (1LT) (M91) 4th Brigade, CMR 454, Box 2319, APO AE 09250. RW Qual. Time: 450.

**Ferretti, Anthony R.**, (2LT) (M91) (Tony) 4602 Castlewood Drive, Killen, TX 76542. Dy: (817) 288-1418. Res: (817) 490-6848. S: Stacey. Dy: AH-64 Attack Platoon Leader, B Co, 1/227th ATKBN. Rgt: AA. RW Qual. Time: 240 Hrs.

**Fessenden, Alan D.**, (CPT) (M85) (Al) 1-B-5 Thayer Road, West Point, NY 10996. Dy: (914) 938-4041. Res: (817) 446-8322. S: Peggy. Dy: Admissions Off., US Military Academy. Rgt: SAA. Time: 1,250 Hrs.

**Filer, Bruce E.**, (1LT) (M91) 10611 Abercorn Ext., No. 151, Savannah, GA 31419. Dy: (912) 352-6017. Res: (912) 925-6847. S: Sandee. Dy: XO, K Co, 159th Avn, HAAF. RW Qual. Time: 300 Hrs.

**Finley, William L.**, (CPT) (M88) (Bill) 4-228th Avn Regt, Unit 5704, APO AA 34042. Dy: S-4. Rgt: AA. RW Qual. Time: 480 Hrs./Cbt 31 AM/1.

**Fish, Charles A.**, (CPT) (M88) (Tony) 205 Normandy, Fort Ord, CA 93941. Dy: (408) 647-5501. Res: (408) 899-7748. S: Judy. Dy: Student, Defense Language Inst., Presidio of Monterey, CA. Rgt: SAA IF. RW Qual. Time: 2,500 Hrs.

**Fisher, Stephen J.**, (CPT) (M87) 123 Harris Drive, Fort Rucker, AL 36362-2347. Dy: (205) 255-5313. Res: (205) 598-0083. S: Anita. Dy: Company Commander, A/1-10 Avn Regt, Fort Rucker, AL. Rgt: AA. RW Qual. Time: 700 Hrs.

**Fisher, Todd A.**, (2LT) (M91) 401 N. Cromwell Road, Apt. B-2, Savannah, GA 31410. Dy: (912) 352-5202. Res: (912) 898-0971. S: Stacey. Dy: F Co, 24th Avn Regt. Rgt: MTP. RW Qual. Time: 230 Hrs.

**Fisher, Traci R.**, (2LT) (M91) 3 Saint Ives Place, Savannah, GA 31419-8919. Dy: (912) 353-6203. Res: (912) 927-4650. Dy: A Co, 3/24th, HAAF, GA.

**Fisher, William O.**, (CPT) (M88) (Bill) HSC, 9/227 ASB, Unit 20198, Box 127, APO AE 09165. S: Laura. Dy: S-4, Feigerhorst Kasern, Germany.

**Fitzpatrick, Neil E.**, (CPT) (M92) (Fibz) 2055 Roxbury Lane, Clarksville, TN 37043. Dy: (517) 798-6213. Res: (815) 551-3792. S: Emily. Dy: HHT Cdr, 2-17th Cavalry. RW Qual. Time: 720.

**Fix, Gregory D.**, (CPT) (M91) 35 Logan Street, Fort Rucker, AL 36362-2429. Res: (205) 598-4262. S: Jill. Dy: Medevac Pronopency Division.

**Fleetwood, Michael A.**, (CPT) (M88) (Mick) 45th Air Traffic Svc. Co, Schofield Barracks, HI 96786. Dy: (808) 656-0996. S: Sang Sun. Dy: Co Cdr. Rgt: AA. RW Qual. Time: 900 Hrs.

**Flint, Dean D.**, (1LT) (M92) 300 Greenwood Place, Apt. C14, Clarksville, TN 37040. Dy: (502) 798-9514. Res: (815) 647-9145. S: Brigitte. Dy: HHC, 101 Avn Div (Asslt), RW Qual. Time: 475 Hrs./Cbt 81 AM/2.

**Fliuhary, Craig R.**, (2LT) (M92) (Flu) 20 Simpson Drive, Daleville, AL 36322. Dy: (205) 255-5226. Res: (205) 598-2390. Dy: Student, D Co, 1/145th Avn. RW Qual. Time: 200 Hrs.

**Footo, Anthony C.**, (2LT) (M92) (Footen) 26 Somerset Parkway, Daleville, AL 36322. Dy: (205) 393-5226. Dy: D/1-145 Avn. RW Qual. Time: 210 Hrs.

**Fortier, Norbert H.**, (CPT) (M87) (Bert) 3393 H Street, Sacramento, CA 95819. Dy: Student,

US Naval Test Pilot School. Rtg: AA IP. RW Qual. FW Qual. Time: 1,500 Hrs. Life Member.

**Fox, Dennis A.K., (CPT) (M88)** 910 Logan Road, Ozark, AL 36360. Res: (205) 774-7499. S: Tina. Dy: C Co, 1-13 Avn, Fort Rucker, AL. Rtg: AA. RW Qual. FW Qual.

**Francesconi, Michael J., (CPT) (M87)** CMR 3. Box 7831, Fort Rucker, AL 36362. Res: (205) 598-1443. S: Trish. RW Qual. Time: 700 Hrs./Cbt 130 AM/2, 1V.

**Franklin, Benjamin J., (1LT) (M92)** P.O. Box 2191, Heleendale, CA 92342. Dy: (619) 386-3086. Res: (619) 962-2044. Dy: 3/159th Avn, Fort Irwin, CA. Rtg: AA. RW Qual.

**Franks, Eldon E., (CPT) (M83)** (Pete) 424-C W. Rockimmon Blvd, Colorado Springs, CO 80919. Dy: (719) 579-2776. Res: (719) 598-9571. S: Dianne. Dy: HQ 4th Avn Bde. Rtg: AA MTP. RW Qual. Time: 1,460 Hrs./Cbt 120 AM/2.

**Fromm, Ronald W., (CPT) (M85)** (Squeak) S. 1114 Arlington, Reno, NV 89509. S: Donna. Dy: US Army Student Detachment, Fort Ben Harrison. IN. Rtg: SAA. RW Qual. FW Qual. Time: 1,400 Hrs./Cbt 103 AM/1.

**Fuller, Nicholas E., (1LT) (M90)** (Nick) 1520 Purple Sage Court, Colorado Springs, CO 80906-6303. Dy: (719) 579-2180. Res: (719) 576-2862. S: Elise. Dy: Bde HQs, 4th Avn Bde, Fort Carson, CO. Rtg: AA. RW Qual. Time: 425.

**Fullwood, Reginald Jr., (CPT) (M92)** (Reggie) 217 Apache Drive, Apt. 24-7, Enterprise, AL 36330. Dy: (205) 255-3344. S: Kathi. Dy: Student, Avn Officer Advance Course, A/1-145th, Fort Rucker, AL.

## GGGGGGGGGG

**Gabram, Douglas M., (CPT) (M86)** (Gables) 811 Margaret Drive, Clarksville, TN 37042-3748. Dy: (502) 798-2951. Res: (615) 553-8732. S: Lori. Dy: HHC Commander, 1-101 Avn Regt. RW Qual. Time: 1,375 Hrs./Cbt 50 AM/2, 1V.

**Gaddis, Willie E., (CPT) (M89)** 604 Lena Beth Drive, Leesville, FL 11446. Dy: (318) 531-2462. Res: (318) 239-4069. S: Valerie. Dy: S-4, HHC, 3/502nd Avn Regt. RW Qual. Time: 1,006 Hrs.

**Gaede, Kinch P., (CPT) (M91)** 1 Georgian Terrace, Midland City, AL 36350. Res: (205) 983-4117. S: Helene. Dy: Bn. Avn. Maint. Off. 4th Bn, 228th Avn. Regt. Soto Cana AB, Honduras. Rtg: AA. Time: 650 Hrs.

**Gale, Robert F., (CPT) (M93)** 45th Med. Co., CMR 454, Box 2819, APO AE 09250. Dy: UH-60 Maint. Test Pilot, Ansbach AAF, Germany. Rtg: MTP. RW Qual. Time: 750 Hrs.

**Galindo, Jason L., (1LT) (M91)** 17 Fowler Lane, Fort Rucker, AL 36362-2301. Dy: (205) 255-3344. Res: (205) 598-6778. S: Tonya. Dy: A Co, 1/145th Avn. Time: 230 Hrs.

**Galvin, James J., Jr., (CPT) (M85)** (Jim) 4 Wren Way Court, Stafford, VA 22554. Dy: (703) 697-6436. Res: (703) 659-4068. S: Regina. Dy: Ops Analyst, HQDA, PAE. Rtg: AA. RW Qual. Time: 1,000 Hrs.

**Garcia, Mario Jr., (CPT) (M91)** 3123 West Boulevard, Belleville, IL 62221-8650. Dy: (314) 263-5518. Res: (618) 277-8999. S: Wanda. Dy: Asst Program Mgr, Program Exec Office, ASE (SFAE-AV AEC). Rtg: AA. Time: 620 Hrs.

**Garner, Kenneth D., (CPT) (M86)** 10725 Abercorn, No. 101, Savannah, GA 31419-1440. Dy: (912) 352-8251. Res: (912) 920-4862. Dy: Cdr, A Co, 224th MI Bn (AE), HAAAF. Rtg: AA. Time:

# G Aviation Officer Directory

850 Hrs./Cbt 60 AM/1.

**Gaslin, Robin L., (CPT) (M84)** (Rob) 505 Mail Boulevard, Apt. 619, Savannah, GA 31406. Dy: (912) 352-5676. Res: (912) 352-2116. S: Jean. Dy: Hunter Company Cdr, C Co, 3rd Bn, 24th Avn, Ft. Huxley AAF, GA. Rtg: MTP. RW Qual. Time: 1,200 Hrs./Cbt 32 AM/1.

**Gawkins, Michael J., (CPT) (M92)** (Mike) P.O. Box 405, Fort Drum, NY 13603-0405. Dy: (315) 772-3840. Res: (315) 773-6130. S: Jo-Ann. Dy: C/2-25 Avn Bn, Fort Drum, NY. RW Qual. Time: 1,100 Hrs./Cbt 13 AM/1.

**Geintzoy, Ray D., (CPT) (M87)** Monterey Bay Chap VP Prog, 210 Algeria Road, Fort Ord, CA 93941-1603. Dy: (408) 242-7257. Res: (408) 899-5414. S: Linda. Dy: B Troop, 2/9 Cavalry, Fort Ord, CA 93941. RW Qual. Time: 1,200 Hrs.

**Gibson, Ann A., (2LT) (M92)** B Co, 2/2 Aviation Unit 15429, APO AP 96257-0462. Dy: Platoon Leader, Pilot UH-60, Camp Stanley, Ft. Kleber, Erik O., (2LT) (M91) B Troop, 2/6 Cav, CMR 416, Box 306, APO AE 09140. S: Kimberley. Dy: B Trp, 2/6 Cav, 11 Avn Bde, Ilesheim, Germany. Rtg: AA. RW Qual. Time: 195 Hrs.

**Gilliam, Anthony A., (1LT) (M91)** A Company, 3-58th Avn, CMR 430 GD, Box 444, APO AE 09096. S: Jacqueline. Dy: Plt Cdr, A Co, 3/58th Avn, Wiesbaden, Germany. RW Qual. Time: 1,900 Hrs.

**Gilliam, Kenneth R., (CPT) (M83)** (Ken) 165 Palisade Drive, Apt. 1503, Universal City, TX 78148-3164. Dy: (210) 221-1225. Res: (210) 945-8638. S: Sandra G. Dy: Plt Sam Houston, Avn Div. Rtg: SAA TP MTP. RW Qual. FW Qual. Time: 2,440 Hrs.

**Gillis, John W., (CPT) (M93)** 511 Ashbury Circle, Hopkinsville, KY 42240. Dy: (502) 798-3115. Res: (502) 886-0013. Dy: Production Control Officer, H Co, 159th Avn Regt. Rtg: MTP. RW Qual. Time: 1,500 Hrs.

**Good, Jed L., (CPT) (M84)** (Jed) 6007 Morton Court, Fayetteville, NC 28314. Dy: (919) 396-8654. Res: (919) 868-5339. S: Kimberley. Dy: Cdr, B Co, 1/159th Avn Regt. Rtg: SAA. RW Qual. Time: 1,700 Hrs./Cbt 9 AM/1.

**Godfrey, Daniel A., (CPT) (M86)** (Dan) 746 Dayflower Street, Vass, NC 28394. S: Janice. Dy: Bde Avn Officer, 525 MI Bde, Fort Bragg, NC. Rtg: AA. RW Qual. FW Qual. Time: 1,000 Hrs. AM/1.

**Golorth, William T., (CPT) (M89)** (Bill) 2355 Austin Highway, Apt. 504, San Antonio, TX 78218. Dy: (210) 221-4251. Res: (210) 653-4089. Dy: AMEDD Officer Advance Course, Fort Sam Houston, TX. Rtg: AA. RW Qual. FW Qual. Time: 518 Hrs.

**Goldberry, Dale A., (CPT) (M83)** 159th Medical Co. (AA), CMR 467, Box 6782, APO AE 09096. S: Mary Ann. Dy: Ops Off, 159th Medical Co. (AA), Wiesbaden Germany. Rtg: SAA IP SIP, RW Qual. FW Qual. Time: 2,000 Hrs./Cbt 100

**Gonzalez, Edward, (2LT) (M91)** (Ed) P.O. Box 8933, Fort Bliss, TX 79906-0933. Dy: (915) 566-8592. Res: (915) 565-3172. S: Dianne. Dy: N Troop, 4/3 ACR, Scout Platoon Leader, Fort Bliss, TX. Rtg: AA. RW Qual. Time: 250 Hrs.

**Goodman, David P., (2LT) (M92)** 36 Boyce

Lane, Fort Rucker, AL 36362-2425. Dy: (205) 255-3311. Res: (205) 598-8186. S: Deborah. Dy: AVOCB Student, D Co, 1-145th Avn Regt. RW Qual. Time: 120 Hrs.

**Gorak, Mark S., (1LT) (M91)** (Outlaw II) 5679-2 Carter Street, Fort Hood, TX 76544. Dy: (817) 539-3552. S: Kristin. Dy: Scout Platoon Leader, RW Qual. FW Qual. Time: 250 Hrs.

**Graham, Jeffery A., (CPT) (M83)** (Jeff) 2048 Werner Park, Fort Campbell, KY 42223. Dy: (502) 798-2923. Res: (615) 431-4756. S: Kimberley. Dy: Cdr, HHC, 7-101st Avn Regt. RW Qual. Time: 800 Hrs. AM/1.

**Graham, Scott A., (1LT) (M90)** 1070 Turner, Apt. 201, Fairbanks, AK 99701. Dy: (907) 353-7260. Res: (907) 451-0612. S: Karen. Dy: C-228 Avn. Regt., RW Qual. Time: 500 Hrs.

**Gray, Michael G., (1LT) (M88)** D Co, 5/159th Avn Regt, APO AE 09182. S: Christa. Dy: Giefelstadt AAF, Germany. RW Qual. Time: 850 Hrs.

**Green, Timothy A., (CPT) (M90)** (Tim) 5010 Goodnight Court, Colorado Springs, CO 80922. Dy: (719) 579-1732. Res: (719) 573-6610. S: Tomiko. Dy: E Co, Cdr, Fort Carson, CO. Rtg: AA. Time: 800 Hrs./Cbt 100 AM/1.

**Greenwood, Mark R., (CPT) (M88)** 6718 Pin Oak Lane, Fayetteville, NC 28314-5714. Dy: (919) 396-2201. Res: (919) 864-8746. S: Felicia. Dy: Cdr, HHC, 159th Avn Regt (Airborne), Fort Bragg, NC. Rtg: AA. RW Qual. Time: 780 Hrs. Life Member.

**Gregory, Michael T., (CPT) (M85)** (Mike) 4302 Tahuya Drive, Harker Heights, TX 76543. Dy: (817) 287-0094. Res: (817) 698-2103. S: Lori. Dy: CATB Training Off. 7-6 Cav. RW Qual. Time: 1,200 Hrs./Cbt 50 AM/1, 1V.

**Griffin, Dennis E., (1LT) (M92)** 6-6 Cavalry, CMR 416, Box 478, APO AE 09140. S: Michelle. Dy: 6/6 Cav, Ilesheim, Germany. RW Qual. Time: 200 Hrs.

**Grisgby, Robert E., (CPT) (M89)** (Rob) 204 Taylor Street, Enterprise, AL 36330. Res: (205) 347-1090. S: Michele. Dy: Aviation Advance Course, Fort Rucker, AL. Rtg: AA. RW Qual. Time: 600 Hrs./Cbt 32 AM/1, 1V.

**Grimes, William B., (CPT) (M89)** (Bill) 1118 Walnut Court, Hopkinsville, KY 42240. Dy: (502) 798-5834. Res: (502) 885-3196. S: Shelly. Dy: Operations Officer, Fort Campbell, KY. Rtg: AA. RW Qual. Time: 1,000 Hrs./Cbt 100 AM/2.

**Grines, Allan, (1LT) (M92)** 710 Crestwood Drive, Apt. 10, Manhattan, KS 66502-3213. Dy: (913) 239-3462. Res: (913) 784-6222. S: Karen.

**Grinsell, Christian B., (CPT) (M88)** (Chris) B Co, 2-227 Avn, Unit 20195, APO AE 09165. S: Laurie. Dy: Company Commander, B Co, 2-227 Avn, Hanau, Germany. Rtg: AA. RW Qual. Time: 550 Hrs./Cbt 50 AM/2.

**Gronbeck, Paul D., (CPT) (M90)** 2130 Westchester Drive, No. 10, Manhattan, KS 66502-2182. Dy: (913) 239-3010. Res: (913) 776-9250. Dy: Asst S-3, 1-1 Avn Regt, Fort Riley, KS. RW Qual. Time: 450 Hrs. Life Member.

**Guess, Steven C., (CPT) (M83)** (Steve) 6935 Shiloh Church Road, Hopkinsville, KY 42240. Dy: (502) 798-4841. Res: (502) 805-3467. S: Marjorie. Dy: HHC, 1-160th SOAR (A), Fort Campbell, KY. Rtg: SAA. RW Qual. Time: 1,100 Hrs.

**Guillot, Robert C., (CPT) (M83)** (Bob) 1414-8 Werner Park, Fort Campbell, KY 42223-1115. Dy: (502) 798-9125. Res: (615) 431-4252. S: Celeste. Dy: SOATC Cdr, 160th SOAR(A).

**Gutiérrez, Eduardo**, (CPT) (M85) (Ed) 46 Boyce Lane, Fort Rucker, AL 36362-5000. Dy: (205) 255-3344. Res: (205) 598-0065. S: Alma. Dy: Small Group Instructor, A Co. 1-145th. Rgt: AA TP. RW Qual. Time: 1,000 Hrs.

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**Haddad, Mitchel E.**, (CPT) (M85) (Mitch) 87 Grassmine Drive, Clarksville, TN 37042. Dy: (502) 798-6318. Res: (615) 552-7295. Dy: Cdr, A Troop, 2-17 Cav, Fort Campbell, KY. Rgt: AA. RW Qual. Time: 1,000 Hrs.

**Haddie, Brian K.**, (CPT) (M87) 306 Illinois Drive, Harker Heights, TX 76543. Dy: (817) 289-1928. Res: (817) 690-1833. S: Shirley. Dy: Troop Cdr, D Trp, 1-7th Cav. Rgt: AA. RW Qual. Time: 800.

**Hamm, Michael W.**, (CPT) (M88) (Mike) 5654 Bobby Street, Apt. 1, Fort Hood, TX 76544-2601. Dy: (817) 287-4550. Res: (817) 539-1924. S: Army. Dy: AH-64 Troop Cdr, A Trp, 3/6 Cav, Fort Hood, TX. Rgt: AA.

**Hannah, Mark W.**, (CPT) (M89) 1345-A Werner Park, Fort Campbell, KY 42223. Dy: (615) 798-4883. Res: (615) 431-9836. S: Amber. Dy: S-1, HHC, 3-101st Avn Regt. RW Qual. Time: 790 Hrs./Cdt 70 AM/2.

**Hansen, John T.**, (CPT) (M84) (JT) 7445 Aspenpark Road, Lorton, VA 22079. Dy: (703) 325-0794. Res: (703) 550-1022. S: Jeannan. Dy: Avn. Branch Assignments Officer, TAPC. Rgt: SAA. RW Qual. Time: 2,000 Hrs.

**Hansen, Michael C.**, (1LT) (M89) 119 Blackhawk Drive, Daleville, AL 36322-9314. Dy: (205) 255-6323. Res: (205) 598-4939. Dy: HHC, C/2-229th ASK Hcpr Regt. RW Qual. Time: 550 Hrs./Cdt 35 AM/3.

**Hargreaves, Darin W.**, (CPT) (M92) 2702 Starling Drive, Killeen, TX 76542. Dy: (817) 287-6667. Res: (817) 554-2874. Dy: Cdr, A Trp, 24 Sdgm, 6 Cav Bde. RW Qual. FW Qual. Time: 700 Hrs.

**Harp, Bryant E.**, (CPT) (M78) 2368 Mad Co (AA), CMR 402, Box 76, APO AE 09180. S: Fran. Dy: Aerovet Aviator. RW Qual. Time: 1,400 Hrs.

**Harrison, John C.**, (CPT) (M85) (Chuck) 2055-B Werner Park, Fort Campbell, KY 42223. Dy: (502) 799-9899. Res: (615) 431-6177. S: Tracey. Dy: B Co, 1-160th SOAR (Abn), Ft. Campbell, KY. Rgt: SAA. RW Qual. Time: 1,500.

**Harris, Roger C.**, (CPT) (M91) B Company, MI Bn, (Lb), PSC 42, APO AA 34042-8000. Rgt: IP. RW Qual. FW Qual. Time: 2,100 Hrs.

**Hartigan, Paul B.**, (1LT) (M91) (Chet) HHC, A-501st Avn Regt, APO AP 96208. Dy: Asst S-3, HQ, A-501st Avn, 17th Avn Bde. RW Qual. Time: 400 Hrs.

**Harvey, James M.**, (CPT) (M92) (Jim) 11400 White Bluff, Apt. 174, Savannah, GA 31419. Dy: (912) 352-6125. Res: (912) 925-2033. S: Katherine. Dy: Flt Surgeon, 24th Avn Bde.

**Hasken, Scott A.**, (2LT) (M91) 1416-A Werner Park, Fort Campbell, KY 42223. Dy: (615) 798-3759. Res: (615) 431-6123. S: Barbara. Dy: Gun Platoon Leader, A Co, 2/101st Avn Regt, Fort Campbell, KY. RW Qual. Time: 200 Hrs.

**Hastings, Robert T.**, (CPT) (M91) (Bob) P Troop, Unit 20604, Box 334, APO AE 09146. S: Leigh. Dy: Troop Cdr. Rgt: SAA. RW Qual. Time: 1,350.

**Hawn, Roland C.**, (CPT) (M85) (Goldie) 1904 Kenyon Street, Killeen, TX 76543. Dy: (817) 287-1987. Res: (817) 690-7030. S: Anj. Dy: Cdr, HHT, 6th Cav Bde. Rgt: AA TP. Time: 850.

## H Aviation Officer Directory

**Hawkins, James A.**, (2LT) (M91) (Hawk) C Company, 5/501st Avn, APO AP 96287. Dy: Platoon Leader, Camp Eagle. RW Qual. FW Qual. Time: 320 Hrs.

**Hayas, Mark W.**, (CPT) (M86) (Mark) Route 4, Box 314, 100 Crystal Court, Ozark, AL 36360-9323. Res: (205) 774-9781. Dy: Operations Officer, Maneuver & Res Div, DOTD, Fort Rucker, AL. Time: 780 Hrs. Past Chapter Officer.

**Hedegard, Michael L.**, (CPT) (M93) 6/6 Cavalry, CMR 416, Box 444, APO AE 09140. Res: (919) 864-7693. S: Christine. Dy: Cdr, A Troop, Rgt: AA. RW Qual. Time: 490 Hrs./Cdt 16 AM/1.

**Hein, Robert F.**, (CPT) (M91) (Bob) 116 Washington Ave., Enterprise, AL 36330. Dy: (205) 255-2600. Res: (205) 393-5310. S: Leah D. Dy: Aide-de-Camp, MG Robinson, CGFort Rucker. RW Qual. Time: 701 Hrs./Cdt 49.

**Heikman, Dean D.**, (CPT) (M90) (Dean) 1963 Steplord Drive, Clarksville, TN 37043. Dy: (502) 798-5245. Res: (615) 648-1767. Dy: Student, AVOAC, Fort Rucker. Rgt: AA MTP. RW Qual. Time: 620 Hrs./Cdt 112 AM/1.

**Heim, Eric G.**, (1LT) (M91) (Rash) HHT 4/11 ACR, Unit 20804, Box 161, APO AE 09146. S: Barbara. Dy: 4/11 ACR, Fulda, Germany.

**Henderson, Dale L.**, (1LT) (M89) (Turtle) 9901-B Gates Street, Fort Drum, NY 13603. Dy: (315) 773-3114. Res: (315) 773-7514. S: Adriana. Dy: Assistant S-3.

**Hendrickson, Heather G.**, (CPT) (M86) 508 Carlewild Drive, Enterprise, AL 36330. Dy: (205) 255-2313. Res: (205) 347-9012. S: David. Dy: Adjutant, Avn Tng Bde, Fort Rucker, AL. Rgt: AA. RW Qual. Time: 600 Hrs.

**Hernandez, Jose D.**, (1LT) (M91) (Joe) P.O. Box 33335, Fort Lewis, WA 98433-0335. Dy: (206) 967-4447. Res: (206) 475-5628. S: Marissa. Dy: S-4 (Fwd) 1-123 Avn. Regt. (Fwd). Time: 500.

**Hernholtz, Curtis L.**, (CPT) (M85) (Durt) 7747 Van Noy Loop, Fort Meade, MD 20755. Dy: (410) 674-3278. Res: (410) 674-6442. S: Katrina. Dy: HQ 1st Army Recruiting Bde. N.E., Fort Meade, MD. Rgt: AA. RW Qual. Time: 850 Hrs. Past Chapter Officer.

**Hevel, James R.**, (CPT) (M91) 2109 Singletree Drive, Clarksville, TN 37040. Dy: (502) 798-3871. Res: (615) 647-7719. S: Debbie. Dy: B Co, 8/101st Avn Regt, Fort Campbell, KY. Rgt: MTP. RW Qual. FW Qual. Time: 725 Hrs.

**Higgins, Tommy R.**, (1LT)(P) (M90) PSC Box 1579, APO AA 34001. Dy: Asst S-3, 1/228 Avn, Fort Kobbe, Panama. RW Qual. Time: 510 Hrs.

**Hill, Kevin M.**, (1LT) (M90) 7-227 Aviation, Unit 20197, Box 24, APO AE 09165. S: Eleni. Dy: Bn S-1, 7-227th Avn, Hanau Germany. Rgt: AA. RW Qual. Time: 500 Hrs.

**Hilton, Bradley C.**, (2LT) (M93) (Brad) P.O. Box 620041, Fort Rucker, AL 36362. Res: (205) 598-5309. Dy: D Co, 1/145th Avn.

**Hima, Michael D.**, (1LT) (M89) 11th Aviation Brigade, P.O. Box 1185, APO AE 09140. S: Holly. Dy: Illesheim, Germany. RW Qual. Time: 344 Hrs. Life Member.

**Hinck, John M.**, (2LT) (M91) P.O. Box 72230, Fort Bragg, NC 28307-4230. Dy: (919) 396-5541.

Res: (919) 822-3591. Dy: B Co, 3-229th Avn (Atk). RW Qual. Time: 220 Hrs.

**Hinds, Mark A.**, (CPT) (M86) 507 Briarwood Drive, No. 5B, Enterprise, AL 36330. Dy: (205) 255-3344. Res: (205) 347-4456. S: Shelly. Dy: Off Adv Crse. RW Qual. Time: 510 Hrs./Cdt 11.

**Hobby, Michael F.**, (CPT) (M92) (Mike) 109 Westmoreland Street, Summerville, SC 29483-5290. Dy: (803) 792-5239. Res: (803) 851-2612. Dy: AAAAA-Faculty Advisor, The Citadel, Charleston, SC.

**Hoelt, Nicholas J.**, (2LT) (M92) (Nick) 110 Crestview Drive, Enterprise, AL 36330. Res: (205) 347-7470. Dy: D Co, 1-145th Avn Regt. RW Qual. Time: 380 Hrs.

**Hofstrand, Damon K.**, (CPT) (M90) HHC 4th Bde, 1 AD, Unit 20194, Box 162, APO AE 09165. S: Erin. Dy: Cdr, HHC, Hanau, Germany. Rgt: AA MTP. RW Qual. Time: 400 Hrs.

**Hollister, Linda S.**, (2LT) (M92) 146-A Gunter Lane, Enterprise, AL 36330. Dy: (205) 255-5228. Res: (205) 393-1592. S: Carl. Dy: AVOAC Student D Co, 1/145th Avn. Bn. 1 Av. Bde..

**Holmes, Christopher**, (CPT) (M89) 100 A.M. Windham Drive, Apt. 206, Daleville, AL 36322. Dy: Stationed at Ft. Rucker for Avn Officers Advanced Course.

**Hood, Thomas G.**, (CPT) (M89) 4234 Barrett Drive, New Windsor, NY 12553. Dy: Instructor, Dept. of Civil & Mech. Eng., USMA, West Point, NY. Past Chapter Officer.

**Hooper, Jason M.**, (2LT) (M92) (G Jay) 105 Valley Drive, Daleville, AL 36322. Dy: (205) 255-3311. Res: (205) 598-5306. Dy: D/1-145th Avn Regt.

**Hopkins, Brian P.**, (1LT) (M90) 400 E. Texas Street, Leesville, LA 71446. Dy: (318) 531-7616. Res: (318) 239-3009. Dy: HHC 0D, 1-502nd Avn.

**Hopkins, Woodard B., III**, (1LT) (M91) (Buddy) 315 Eissman Road, Apt. 68, Leesville, LA 71446. Dy: (318) 531-7758. Res: (318) 239-3926. S: Kelly. Dy: Assistant S-3, 3/502nd Avn Regt, Fort Polk, LA. RW Qual. Time: 230 Hrs.

**Hopson, William T.**, (CPT) (M87) 8000 Waters Avenue, Apt. 82, Savannah, GA 31406. Dy: (912) 352-5821. Res: (912) 351-0755. Dy: A Co XO, 224th MI Bn (AE), HAAF, GA. Rgt: AA. Time: 1,250 Hrs.

**Hornberger, Christopher E.**, (1LT) (M91) (Chris) 5965 Gifford St Rd, Watertown, NY 13601. Res: (315) 788-3686. Dy: Cdr, A Co, 3-25th Avn, Fort Drum, NY. RW Qual. Time: 315 Hrs.

**Hoskin, John M.**, (2LT) (M92) (Mark) 209 Glenwood Lane, No. 1, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 393-0310. Dy: Student, D Co, 1-145th, Fort Rucker, AL. RW Qual. Time: 153 Hrs.

**Houser, Michael T.**, (1LT) (M91) (Mike) Troop A, 2/6 Cav, CMR 416, Box 113, APO AE 09140. Dy: Platoon Leader, Illesheim, Germany. RW Qual. Time: 500 Hrs.

**Huber, Allen L.**, (CPT) (M87) (Big Al) HHC 1AD, CMR 438, Box 317, APO AE 09111. S: Megan. Dy: G-3 Air, Bad Kreuznach, Germany. RW Qual. Time: 750 Hrs./Cdt 20 AM/1.

**Huggins, George D.**, (CPT) (M91) (Dan) 3428 Thornside Drive, Fayetteville, NC 28311-2573. Dy: (919) 396-0300. Res: (919) 822-2938. Dy: Cdr, E Troop, 1-17th Cav, Fort Bragg, NC. RW Qual. Time: 400 Hrs.

**Hunks, Thomas E.**, (CPT) (M92) 303 Oakhill Drive, Ozark, AL 36360. Dy: (205) 255-2342.

Res: (205) 774-6288. S: Bridget T. Dy. S-4, 2229th AHR, Fort Rucker, AL. RW Qual. Time: 1,523 Hrs.

**Huseman, Wayne R.**, (CPT) (M82) 783 Nola Ruth Boulevard, Harter Heights, TX 76543-1543. Dy: (817) 287-0226. Res: (817) 698-4015. S: Kathy. Dy: S-3, 2-58th Avn, 6th Cav Bde, Fort Hood, TX. Rtg: AA. RW Qual. Time: 800 Hrs.

**Huston, Michael C.**, (1LT) (M90) (Huey) H-3, 1-2 Aviation, APO AP 96257, Dy: Assistant S-3, Attack Battalion, Camp LaGuardia, Korea. RW Qual. Time: 350 Hrs.

## IIII-JJJJ

**Ise, Lee F.**, (CPT) (M85) 77009 Rusk Circle, No. 1, Fort Hood, TX 76544. Dy: (817) 288-1108. Res: (817) 539-0533. S: Deborah. Dy: HWS, 15th MI Bn. Rtg: AA. RW Qual. FW Qual. Time: 1,550 Hrs./Cbt 78 AM/1.

**Ingalis, Stephen A.**, (CPT) (M83) (Steve) 4229 Barrett Drive, New Windsor, NY 12553. Dy: (914) 698-5525. Res: (914) 567-9560. S: Cara. Dy: Faculty Member, Dept of Civil & Mech Engrg, USMA. Rtg: AA. RW Qual. FW Qual. Time: 600.

**Ingle, Timothy J.**, (1LT) (M91) Route 1, Box 122, Langdon, ND 58249. Dy: (502) 798-7317. Dy: XO, A Co, 9-101st Avn, Fort Campbell, KY. RW Qual. Time: 600 Hrs.

**Joss, Steven P.**, (CPT) (M88) (Steve) P.O. Box 10184, Clarksville, TN 37042. Dy: (615) 798-7514. S: Katherine. Dy: B Co, 77101st Avn Regt, Fort Campbell, KY. Rtg: AA. RW Qual. Time: 624 Hrs./Cbt 55 AM/1.

**Isbell, Michael K.**, (CPT) (M90) (Izy) 3021 Arbor Drive, Manhattan, KS 66502-3128. Dy: (913) 239-3499. Res: (913) 776-3611. S: Dawn. Dy: Company Commander, A Co, 1-1 Avn Regt, Fort Riley, KS. Rtg: SAA. Time: 1,500 Hrs.

**Iverson, Dennis J.**, (CPT) (M85) 104 Stratford Road, Dothan, AL 36303. Res: (205) 255-4322. Dy: R&D Staff Officer, ODD.

**Jackson, Arthur A.**, (CPT) (M91) (Art) 18 Johnson Street, Fort Rucker, AL 36362-2232. Dy: (205) 255-6280. Res: (205) 598-2742. S: Theresa. Dy: Medevac Pilot, Rtg: MTP. RW Qual. Time: 350.

**Jackson, Brian L.**, (CPT) (M91) 202 Heritage Drive, Enterprise, AL 36330. Dy: (205) 255-3344. Res: (205) 393-1943. Dy: AVADC, Fort Rucker. Rtg: AA. RW Qual. Time: 608 Hrs./Cbt 25 AM/1. Past Chapter Officer.

**Jackson, Robin L.**, (CPT) (M87) Box 298, Unit 152C, HSC 751, MI BN, APO AP 96271-0162. Dy: Avn Det Cdr, Phoenix Flight Detachment, Camp Humphreys, Korea. Rtg: AA. RW Qual. Time: 800 Hrs.

**Jacobson, James L.**, (CPT) (M91) (Jake) 326-C Meriwether, Enterprise, AL 36330. Dy: (205) 255-3341. Res: (205) 347-4272. S: Kathy. Dy: Aviation Officer Advanced Course, Fort Rucker, AL. RW Qual. Time: 700 Hrs./Cbt 30 AM/1.

**Jacobson, William C.**, (CPT) (M88) (Bill) 2103 Rycroft Drive, Spring, TX 77386-1750. Res: (713) 298-5160. S: Shelley. Dy: 716 Cav, Maintenance Advisor, Rtg: AA MTP. RW Qual. Time: 900 Hrs./Cbt 75 AM/1.

**James, Gregory K.**, (CPT) (M89) (Greg) 2501 Bacon Ranch Road, No. 712, Killeen, TX 76542. Dy: (817) 287-2000. Res: (817) 528-5616. Dy: CH-47 Platoon Ldr, B Co, 2-158th Avn Regt. RW Qual. Time: 350 Hrs./Cbt 2.

**James, Jack A.**, (2LT) (M92) (J.A.) 133 Brian Court, Daleville, AL 36322. Res: (205) 598-1462.

# K Aviation Officer Directory

S: Anette. Dy: Student Pilot, D Co, 1/145th Avn. RW Qual. Time: 175 Hrs.

**Jamison, Terry J.**, (CPT) (M89) (T.J.) 287 Pyramid Way, Fayetteville, NC 28314. Dy: (919) 396-2857. Res: (919) 868-6940. S: Tammya. Dy: HHC, 1-229th Otr, Fort Bragg, NC. Rtg: AA. RW Qual. Time: 1,450 Hrs.

**Janas, Joann S.**, (1LT) (M89) 405 B Cook Drive, Clarksville, TN 37042. Dy: (502) 798-2996. Dy: 77101st Avn Regt, Fort Campbell, KY. Rtg: AA. RW Qual. Time: 450 Hrs.

**Jansick, Gregory J.**, (CPT) (M89) (Greg) 108 Candleberry Lane, Savannah, GA 31406. Dy: (912) 352-6362. Res: (912) 352-4726. Dy: A Co, 224th MI Bn (AE), Hunter AAF, Savannah, GA. Rtg: SAA. RW Qual. FW Qual. Time: 1,600 Hrs./Cbt 27 AM/1.

**Jarrett, Paul A.**, (CPT) (M83) (Titi) 534-A Monroe Street, Monterey, CA 93940-2208. Dy: (408) 647-5347. Res: (408) 372-2304. Dy: Army Research Institute, Presidio of Monterey, CA. Rtg: SAA. RW Qual. Time: 1,200 Hrs.

**Jentell, Heidi A.**, (1LT) (M91) P.O. Box 91, Daleville, AL 36322-0091. Res: (205) 393-0505. Dy: Avn Co 158MFO, Egypt. RW Qual. Time: 400

**Johnson, Brett E.**, (CPT) (M83) Box 258-A, Route 1, Black River, NY 13612. Dy: (315) 772-3093. Res: (315) 773-4362. S: Jean. Dy: Bn S-3, Fort Drum, NY. Rtg: SAA TP. RW Qual. Time: 1,050 Hrs. AM/1.

**Johnson, Carter A.**, (1LT) (M91) (C.A.) 150 Lakewood Drive, Daleville, AL 36322. Dy: (205) 255-6475. Res: (205) 598-6349. S: Stacy. Dy: 2/229th AHR, Fort Rucker, RW Qual. Time: 200.

**Johnson, Dale N.**, (CPT) (M88) 1335 Deane Drive, Anacortes, WA 98221. Res: (206) 290-3296. S: Valerie. Dy: Student, Univ. of Washington School of Law, Seattle, WA. Rtg: AA. RW Qual. Time: 650 Hrs.

**Johnson, Eric S.**, (CPT) (M89) HQ, V Corps (CMD), Unit 25202, APO AE 09079. S: Sandra. Dy: Aide de Camp, Frankfurt, Germany. RW Qual. Time: 1,400 Hrs./Cbt 182 AM/1.

**Johnson, Robert B.**, (1LT) (M93) (Bryan) 1365 Pearl Avenue, Watertown, NY 13601. Dy: (315) 772-4164. Res: (315) 786-6629. Dy: "A" Section Leader 229th Med Det (AA). RW Qual. Time: 250.

**Johnson, Shawn P.**, (CPT) (M82) 5732 Bailey Street, Fort Hood, TX 76544. Dy: (817) 287-9831. Res: (817) 539-3175. S: Angel. Dy: S-3. RW Qual. Time: 1,700 Hrs.

**Johnst, Robert J.**, (CPT) (M92) (Rob) 88 Red Cloud, Fort Rucker, AL 36362. Dy: (205) 255-3551. Res: (205) 598-6220. S: Janice. Dy: AH-64 Flight Cdr., Rtg: AA IP. RW Qual. Time: 1,100 Hrs./Cbt 25 DFC/1.

**Jolly, Stuart A.**, (CPT) (M91) HSC, 2-1 Aviation, CMR 454, Box 2591, APO AE 09250. S: Marcia. Dy: Company Commander, Katterbach, Germany. RW Qual. Time: 750 Hrs./Cbt 68 AM/2. Past Chapter Officer.

**Jones, Jay R.**, (CPT) (M85) A Co, 2-501st Avn Regt., Unit 15210, APO AP 96271-0146. S: Lan. Dy: XO, Co, A, 2-501st Avn Regt. Rtg: SAA. RW Qual. Time: 1,450 Hrs.

**Jones, Mark T.**, (CPT) (M92) 100 Deepwood

Court, Clarksville, TN 37042. Dy: (502) 798-9860. Res: (615) 645-8625. Dy: Plt Ldr, B Co, 1-160th SOAR (A), Fort Campbell, KY. RW Qual. Time: 1,600 Hrs./Cbt 85 AM/1.V.

**Jones, Michael J.**, (CPT) (M86) 18 Monteth Lane, Fort Rucker, AL 36362. Dy: (205) 255-3504. Res: (205) 598-8878. S: Robin. Dy: Planning Officer, Directorate of Eval & Stds, B Co, 1-10th.

**Jones, Raymond D.**, (CPT) (M87) (Rayson) 410 Bishop Avenue, Pacific Grove, CA 93950. Res: (408) 647-9190. S: Nancy. Dy: Naval Post Graduate School (TPS COOP), Monterey, CA. Rtg: MTP. RW Qual. Time: 1,650 Hrs.

**Jones, Ryan S.**, (1LT) (M90) 603 Zinnia Drive, Clarksville, TN 37042. Dy: (502) 798-2919. Res: (615) 553-2817. Dy: HHC, 9/101st Avn, XO. RW Qual. Time: 470 Hrs.

**Jordan, Reynold W., Jr.**, (CPT) (M80) (Rusty) 11 Oscars Court, Piquon, VA 23662. Dy: (804) 728-5549. Res: (804) 868-4761. S: Roseline. Dy: Op. Research/System Analyst, DCST ASFPO, HQ TRADOC Fort Monroe, VA. Rtg: AA TP. RW Qual. Time: 3,000 Hrs./Cbt 77 Past Chapter Officer.

**Jorgensen, Robert R.**, (1LT) (M90) (Rob) 6501 Bowie Drive, Springfield, VA 22150. Res: (703) 922-7289. S: Jen. Dy: Aviation Maintenance Officer's Course, Fort Eustis, VA. Rtg: AA. RW Qual. Time: 500 Hrs./Cbt 17 AM/1.

**Joslin, Christopher**, (CPT) (M91) (Chris) 118 Crestview Drive, Enterprise, AL 36330. Dy: (205) 255-5523. Res: (205) 647-3604. S: Kerstin. Dy: S4, 1/11th Avn Regt, Fort Rucker, AL. Rtg: AA. RW Qual. Time: 800 Hrs.

## KKKKKKKKKK

**Kall, Joseph J.**, (CPT) (M91) (Joe) 6th Avn Detachment, CMR 427, Box 124, APO AE 09630. Dy: 6th Avn Det, XO, Vicenza, Italy. RW Qual. FW Qual. Time: 1,200 Hrs.

**Kappelman, Jeffrey T.**, (CPT) (M87) HHT 4/11 ACR, Unit 20804, Box 558, APO AE 09146. S: Beverly. Dy: Cdr. Rtg: SAA. RW Qual. Time: 2,180 Hrs./Cbt 40 AM/2.V. President, Thunderhorse Chapter.

**Kellerman, Sara J.**, (2LT) (M91) (Bali) 309A Karsten Drive, Wahiawa, HI 96786. Dy: (808) 656-2566. Res: (808) 621-8187. S: Drew. Dy: Plt Ldr, Schofield Barracks, Wheeler Army Airfield, HI. RW Qual. Time: 200 Hrs.

**Kelly, George G.**, (CPT) (M84) 4 Pick Avenue, Fort Leavenworth, KS 66027. Dy: (913) 684-2127. Res: (913) 682-7352. S: Shelle. Dy: CGSC, Center for Army Leadership, Fort Leavenworth. Rtg: SAA IP. RW Qual. Time: 1,530 Hrs.

**Kenefick, John R.**, (1LT) (M91) 419-C Halawa View Loop, Honolulu, HI 96818. Dy: (808) 684-0857. Res: (808) 836-0610. S: Jill. Dy: Flight Platoon Leader, B Co, 214th Avn Regt, Barbers Point NAS, HI. Rtg: AA. RW Qual. Time: 350.

**Kenard, Rodney W.**, (CPT) (M88) P.O. Box 2384, Fort Riley, KS 66442-0384. S: Lori. Dy: 1-1 ATRHBN. Rtg: AA. RW Qual. Time: 1,000 Hrs. AM/2.

**Keogh, Michael H.**, (CPT) (M87) 168 Kirby Drive, Clarksville, TN 37042. Dy: (502) 798-6533. Res: (615) 648-9544. S: Kelly. Dy: LNO HHC, 1-160 SOAR, Ft. Campbell, KY. Rtg: SAA. Time: 2,300 Hrs./Cbt 60 AM/1.

**Kewak, Brian S.**, (2LT) (M92) (Kw) 108 Bennett Drive, Apt. 4, Clarksville, TN 37042. Res: (615) 645-7142. Dy: 4th Bn, 101st Avn Bde, Fort

Campbell, KY. Rtg: AA. RW Qual. Time: 160.  
**Kidd, Justin Eric**, (1LT) (M89) C Co. Fwd USA  
Mk Bn 1LT, APO AA 34042-5000. Dy: Fwd Ft. Ldr.  
Honduras. Rtg: MTP. RW Qual. FW Qual. Time:  
700 Hrs.

**Kihara, Steven W.**, (CPT) (M89) A Co. 1-2 Avia-  
tion. Unit: 15432. APO AF 96257-0478. S: Con-  
nie. Dy: Company Commander. Rtg: SAA. P. RW  
Qual. Time: 2,000 Hrs.

**Kilroy, Patrick J.**, (CPT) (M91) (P.J.) 412 Regal  
Court, Fayetteville, NC 28314. Dy: (919) 396-2671.  
Res: (919) 487-1546. S: Monique. Dy: Cdr. C  
Troop, 1-17th Cav, Fort Bragg, NC. RW Qual.  
Time: 400 Hrs.

**King, Grady S.**, (CPT) (M91) (Sky) HHC 6-6  
Cavalry, CMR 416, Box 639, APO AE 09140. S:  
Julie. Dy: Company Commander. Vp, Programs,  
Talon Chapter.

**Kirstein, John L.**, (CPT) (M92) E Co, 502nd Avn,  
PSC 54, Box 2281, APO AE 09601. Dy: (602)  
632-7606. Dy: CH-47D Pilot, Platoon Leader,  
Aviano, Italy. RW Qual. Time: 652 Hrs.

**Kish, Joseph A., Jr.**, (CPT) (M89) (Jay) HHC 6-6  
Cavalry, CMR 416, Box 453, APO AE 09140-5000.  
Dy: Squadron S2, Ilseheim, FGR. RW Qual. Time:  
650 Hrs. AM/1. Past Chapter Officer.

**Klait, Kenneth W.**, (CPT) (M85) (Ken) PSC 1,  
Box 1395, APO AA 34001. S: Sandra. Dy: Counter  
Narcotics Watch, U.S. Southern Cmd. Rtg: AA.  
RW Qual. FW Qual. Time: 1,500 Hrs.

**Klimkowski, Sarah P.**, (1LT) (M90) 33 Edwards  
Street, Fort Rucker, AL 36362-2243. Dy: (205)  
255-3502. Dy: (205) 596-4172. S: Joseph R.  
Dy: D Co, 1-223rd Avn, Ft. Rucker, AL. RW Qual.  
Time: 390 Hrs.

**Knapp, Richard T.**, (CPT) (M89) (Stinky) 816  
Thimbleby Drive, Newport News, VA 23602. Dy:  
(808) 878-2110. Dy: (804) 988-0913. S: Gall.  
Dy: Operations Officer, 1222nd Avn Regt, Fort  
Eustis, VA. Rtg: MTP. RW Qual. Time: 975 Hrs.  
AM/1.

**Knox, Robyn M.**, (1LT) (M92) 4062 Tamarack  
Drive, Apt. 9, Fort Wainwright, AK 99703. Dy:  
(907) 353-7064. Res: (907) 356-3432. Dy: Plt Ldr.  
A Co, 4-123rd Avn.

**Koenig, Steven T.**, (CPT) (M92) 1716 Fox Trail,  
Harler Heights, TX 76543. Dy: (817) 288-1051.  
Res: (817) 698-2829. S: Cindy. Dy: Commander,  
HHC, 1-227th Avn Regt, Fort Hood, TX. RW Qual.  
FW Qual. Time: 1,150 Hrs.

**Kohler, Konrad J.**, (CPT) (M89) 42 East Harris,  
Fort Rucker, AL 36362. Dy: (205) 255-3540. Res:  
(205) 598-3725. S: Gina. Dy: S-4, 1501 Avn. Rtg:  
AA. RW Qual. Time: 800/Cbt 10 AM/1.

**Kokoskie, Gregory A.**, (CPT) (M85) (Kiko) 7216  
Olive Lantern Way, Springfield, VA 22152. S: Vicki.  
Dy: USA OPTEC, Alexandria, VA. Rtg: AA. Time:  
700 Hrs.

**Konya, Ronald L.**, (1LT) (M92) (Ron) P.O. Box  
2066, Fort Campbell, KY 42223. Dy: (502)  
796-4789. Res: (615) 451-4864. S: Sherry. Dy:  
Squad Signal Off. HHT 217 Cav.

**Kyncinski, Donna K.**, (CPT) (M86) (Mamster)  
3133 Oakridge Drive, Enterprise, AL 36330.  
Dy: (205) 255-2422. Res: (205) 347-2263. S:  
Richard. Dy: S-1, 2-229th ATK/Br, Fort Rucker,  
AL. Rtg: AA. RW Qual. Time: 780 Hrs.

**Kauchery, Richard J.**, (CPT) (M90) (Rich) HHC  
DISCOM, 1st Ad, Unit 24110, APO AE  
09111-2148. S: Angela. Dy: DMMC Material Com-  
mander. Rtg: AA. Time: 900 Hrs.

**Kreuscher, Richard F.**, (1LT) (M90) (Rich)

## Aviation Officer Directory

**L** 4-229th AAHR, CMR 416, Box 862, APO AE  
09140. Dy: Platoon Leader, Ilseheim, Germany.  
Rtg: IP. RW Qual.

**Kubista, Todd A.**, (2LT) (M91) (Kuba) 1001 Twin  
Creek Drive, No. 406, Killeen, TX 76543. Dy: (817)  
288-9733. Res: (817) 690-4110. S: Melissa. Dy:  
C Co, 1-227th Avn, Fort Hood, TX. RW Qual. FW  
Qual. Time: 810 Hrs.

**Kuch, Sharmar L.**, (CPT) (M85) (Sharm) 919  
Shelle Drive, Clarksville, TN 37043-5665. Dy: (502)  
798-4676. Res: (615) 647-4650. Dy: Maint Plt Ldr,  
D Col/1-160th SOAR, Fort Campbell, KY. Rtg: SAA.  
MTP. RW Qual. Time: 1,300 Hrs.

**Kocik, Paul D.**, (2LT) (M93) 137 N. Leeds Gate  
Road, Savannah, GA 31406. Dy: (912) 352-6721.  
Res: (912) 925-7402. S: Lisa. Dy: Platoon Ldr.  
D Troop 2-4 Cav.

**Koop, Aleksander, (1LT) (M91) (Alek) 908 Lon-  
don Green Way, Colorado Springs, CO 80906. Dy:  
(719) 579-2955. Res: (719) 527-9232. Dy: Ops  
Officer, 4th CAB.**

**Kvanvig, Jeannie M.**, (1LT) (M91) 55 E. Deer-  
wood Road, Apt. 191, Savannah, GA 31410. Dy:  
(912) 352-6306. Res: (912) 998-0225. Dy: Pla-  
toon Leader, B Co, 3-24th Avn Regt. RW Qual.  
Time: 240 Hrs.

**Kyle, George M.**, (CPT) (M90) 504 Chocvat  
Street, Enterprise, AL 36330. Dy: (205) 255-6117.  
Res: (205) 347-8113. S: Gina. Dy: E Troop,  
2-229th AHR. RW Qual. Time: 780 Hrs./Cbt 100  
AM/1.V.

**Kyrris, Marzen W.**, (CPT) (M93) (Mark) C Co,  
3-1 Avn, CMR 454, No. 2491, APO AE 09250.  
S: Julie. Dy: Co. Cdr., Katterbach, Germany. RW  
Qual. Time: 900 Hrs.



**LaBlonde, George T.**, (CPT) (M87) (Three) 9846-B  
Sandy Creek Road, Fort Drum, NY 13603. Dy:  
(315) 772-5704. Res: (315) 773-0124. S: Heidi.  
Dy: Cdr. A Co., 3-25 AHB. Rtg: AA. RW Qual.  
Time: 650 Hrs./Cbt 15 AM/2.

**Lam, John T.**, (CPT) (M91) 703 Livingston Street,  
Daleville, AL 36322. Dy: (205) 255-7404. Res:  
(205) 598-3278. Dy: Ft. Surgeon, USA 606C.

**Lange, Adam W.**, (2LT) (M90) P.O. Box 608, Lake  
George, NY 12845. Res: (518) 668-2339. Dy:  
5-17th Cav, 2nd Avn Bde, Korea. RW Qual. Time:  
220 Hrs.

**Larsee, William S.**, (CPT) (M87) 7507 Collins  
Meade Way, Alexandria, VA 22310. Dy: (703)  
325-6354. Res: (703) 719-7114. S: Julie. Dy:  
Selection Board Recorder, PERS/DOM. Rtg: AA.  
RW Qual. Time: 1,432 Hrs. Past Chapter Officer.

**Larabee, Mark E.**, (CPT) (M74) 3 Sunset Drive,  
Collinsville, IL 62234. Dy: (314) 263-1440. Res:  
(618) 345-2723. S: Karen. Dy: Materiel  
Logistics/Fielding Officer, CH-47D PW. Rtg: MAA  
TP. RW Qual. Time: 2,200 Hrs.

**Larson, Erik W.**, (CPT) (M86) 100 A.M. Wind-  
ham Drive, Apt. 601, Daleville, AL 36322. Dy:  
(205) 255-5048. Dy: Platoon Commander, B Co,  
1-212th Avn Regt, Fort Rucker, AL. Rtg: IP. Time:  
1,350 Hrs.

**Latala, Daniel W.**, (2LT) (M91) (Dan) 10420 Cen-

taur, El Paso, TX 79924. Dy: (915) 568-6722. Res:  
(915) 822-3366. S: Jacki. Dy: Plt Ldr, Fort Bliss,  
TX. RW Qual. Time: 300 Hrs.

**Lax, Thomas J.**, (CPT) (M89) (Jeff) 106 Scott  
Place, No. B, Fort Riley, KS 66442-1112. Dy: (913)  
239-6750. Res: (913) 784-7578. S: Anne Marie.  
Dy: Commander, B Co (Nightwatches), 41st Avn  
Regt, Fort Riley, KS. Rtg: AA. RW Qual. Time:  
650 Hrs./Cbt 60 AM/1.

**Layman, Steven M.**, (CPT) (M93) (Steve) 2203  
Cactus Drive, Killeen, TX 76542. Dy: (817)  
288-1404. Res: (817) 526-4258. S: Ruthanna. Dy:  
Bn S-2, 15 MI AEB, 504 MI. RW Qual. FW Qual.  
Time: 2,000 Hrs.

**Lesko, Timothy J.**, (1LT) (M89) (Tim) C Co, 1-1  
Avn Regt, Fort Riley, KS 66442. Dy: (913)  
239-3462. Res: (913) 784-3257. S: Melissa. Dy:  
AH-64 Attack Plt Ldr. RW Qual. Time: 600  
Hrs./Cbt 105 AM/3.2V.

**Lee, John-Hyuk, (1LT) (M91) 48 Alstima Street,  
No. 801, Honolulu, HI 96818-0971. Dy: (212) 5900.  
Res: (212) 5554. Dy: C Co, 4-501 Avn, APO AF, 96208.  
RW Qual. Time: 350 Hrs.**

**Lehman, John H.**, (CPT) (M90) (John) 19th  
Service Company, CMR 467, Box 3104, APO AE  
09096. S: Suk Hi. Dy: Lasso, 19th CMMC, 3d  
COSCOM. RW Qual. Time: 550. Life Member.

**Lentze, Hugo F.**, (2LT) (M91) Avn Co/15th, Unit  
31530, APO AE 09833. Dy: Section Leader. Rtg:  
AA. RW Qual. Time: 350 Hrs.

**Lewis, Michael A.**, (1LT) (M91) (Big Red) 3350  
Quaker Avenue, Philadelphia, PA 19179-9779. Dy:  
(315) 772-3771. Res: (315) 642-3411. S: Jodie.  
Dy: Asst S-3, 2-25th ATK/Br. Rtg: AA. RW Qual.  
Time: 400 Hrs.

**Lewis, Steve A.**, (CPT) (M83) (Lou) 6392 English  
Way, Springfield, VA 22152-2845. Dy: (703)  
614-0461. Res: (703) 566-6340. S: Louise P. Dy:  
HDD, ODCOSOP, (DAMO-FDR), The Pentagon,  
Washington, DC. Rtg: AA. Time: 1,032.

**Lincoln, Robert W.**, (CPT) (M88) PSC 1, Box  
5628, APO AA 34001. S: Diane. Dy: A Co, 1228th  
Avn, Panama. Rtg: AA. RW Qual. Time: 875  
Hrs./Cbt 110 AM/1.

**Lingle, Christopher**, (1LT) (M91) (Chris) 7227  
Aviation Regt., Unit 20197, Box 226, APO AE  
09165-5000. Dy: Bn Asst S-3, 7227th Avn Regt,  
4th Bde, 1st Armored Div, Hana, GE. RW Qual.  
Time: 300 Hrs.

**Logan, George M.**, (2LT) (M92) HHT, 6/6 Cav,  
CMR 416, Box 544, APO AE 09140. S: Ann. Dy:  
Assistant S-3, Stork Barracks, Ilseheim, Germany.  
RW Qual. Time: 201 Hrs.

**Long, David J.**, (1LT) (M90) P.O. Box 3590, Fort  
Polk, LA 71459-0590. Dy: (318) 531-2131. Res:  
(318) 535-0625. Dy: Plt Ldr, B Co, 3-502nd Avn  
(PRV). Dy: Fort Polk, LA. RW Qual. FW Qual. Time:  
300 Hrs.

**Long, Robert E.**, (CPT) (M89) (Bob) 1206 An-  
thurst way, Apt. F, Belcamp, MD 21017. Dy:  
(410) 278-3074. Res: (410) 273-6724. Dy: Opera-  
tions Officer, Phillips AAF, APG, MD. Rtg: SAA.  
RW Qual. FW Qual. Time: 1,620 Hrs. Life  
Member.

**Lowder, Ned E.**, (2LT) (M91) (Chip) Box 179,  
C Co, 4th Bn, 501st Avn, APO AP 96208. Dy:  
Platoon Leader, Camp Page, Korea. FW Qual.  
Time: 250 Hrs.

**Ludowess, Jerry C.**, (CPT) (M84) (Jill) 405  
Navaho Drive, Enterprise, AL 36330. Dy:  
(205) 255-3160. S: James P. Dy: Chief Officer  
Management. Rtg: AA. Time: 500 Hrs. Past  
Chapter Officer.

**Laebert, Chad P.**, (2LT) (M91) 101 Twin Creeks, Apt. 1007, Killeen, TX 76543. Dy: (205) 288-1412. Dy: Ft Ldr, A Co, 1/227th Avn Bn, Fort Hood, TX.

**Lukow, Ronald G.**, (2LT) (M91) (Ron) 6720-6 Willowbrook Drive, Fayetteville, NC 28114. Dy: (919) 396-8654. Res: (919) 868-7819. S: Catherine. Dy: 1-159th Avn Regt, Fort Bragg, NC. RW Qual. Time: 250 Hrs.

**Land, Gregory J.**, (CPT) (M87) 22 Johnson Street, Fort Rucker, AL 36362. Dy: (205) 255-3408. Res: (205) 598-3140. S: Susan. Dy: TRADOC Project Officer-Apache. Rtg: AA. RW Qual. FW Qual. Time: 1,200 Hrs./Cdt 40 AM/1.

**Lunn, Robert H.**, (CPT) (M85) (Chip) 105 Devon Cove, Jacksonville, AR 72076. Dy: (501) 988-8672. Res: (501) 982-8191. S: Angie. Dy: Observer Controller, Joint Readiness Training Center, Avn. Ops. RW Qual. Time: 1,000 Hrs./Cdt 110 AM/1.

## MMMMMMMMMM

**Macchiarella, Nickolas**, (CPT) (M85) (Dan) 14701 Coffee Bluff Road, Savannah, GA 31419. Dy: (912) 352-6716. Res: (912) 920-3555. S: Sue. Dy: Commander, HHC, 1-24 Avn, Hunter Army Airfield. Rtg: SAA. Time: 1,800 Hrs. Past Chapter Officer.

**MacFarland, Chris J.**, (CPT) (M85) (Mac) HHT, 6-6 Cavalry, CMR 416, Box 469, APO AE 09140. S: Elizabeth. Dy: Asst S-3, Hlesheim, Germany. Rtg: AA. RW Qual. Time: 750 Hrs. AM/1. Life Member.

**Mack, Peter P. Jr.**, (2LT) (M82) (Pete) 377th Med Co, Unit 15248, APO AP 96205. Dy: 67J Aero Medical Plt, Korea. RW Qual. Time: 500 Hrs. AM/1.

**Mac Kay, James S. II**, (1LT) (M92) (Jim) P.O. Box 620453, Fort Rucker, AL 36362-0453. Res: (205) 393-1844. Dy: Flatiron, Medical Service Corps, Fort Rucker, AL. RW Qual. FW Qual. Time: 500 Hrs.

**Magras, Patrick G.**, (1LT) (M90) (Pat) 3487 Nesbit Road, Fayetteville, NC 28311. Dy: (919) 396-9653. Res: (919) 822-4365. S: Krista. Dy: S2, 3-2929th Avn, Fort Bragg, NC. RW Qual. Time: 500 Hrs.

**Mahanna, Cory W.**, (CPT) (M83) (Cory) 309 West Glen, Glen Carbon, IL 62034. Dy: (314) 263-1002. Res: (314) 330-7009. S: Lori Kay. Dy: ATCOM, Aide-d-Camp. Rtg: SAA TP. Time: 1,500 Hrs./Cdt 4

**Mangors, Daniel J.**, (CPT) (M85) 104 E. Sagaribus Lane, Savannah, GA 31419. Dy: (912) 352-6190. Res: (912) 927-2317. S: Miriam. Dy: Company Commander, B Co, 3/24th Avn Regt, Hunter Army Airfield, GA. Rtg: AA TP. RW Qual. Time: 1,500 Hrs./Cdt 4

**Mangum, Kevin W.**, (CPT) (M83) 9110 Caen, San Antonio, TX 78250-5816. Dy: (210) 977-4743. Res: (210) 647-3071. S: Angel. Dy: Joint Electronic Warfare Center, San Antonio, TX. Rtg: AA. Time: 1,500 Hrs.

**Maake, Shawn P.**, (2LT) (M91) C Co, 6-159th Avn., Unit 26443, Box 128, APO AE 09182. S: Mary. Dy: C Co, 6/159th Avn, Giebelstadt, Germany. RW Qual. Time: 850 Hrs.

**Marcinkowski, Robert D.**, (CPT) (M91) (Sk) 1 Birchwood Court, Savannah, GA 31419. Dy: (912) 352-6061. Res: (912) 927-8203. S: Janis. Dy: 24th Avn Bde, 24th ID(M), 2 Troop, 2-4 Cavalry, Hunter Army Airfield. Rtg: SAA IP. RW Qual. Time: 1,900 Hrs.

**Martin, Jeffrey G.**, (CPT) (M85) (Jeff) 3269 Alfordo Street, Fayetteville, NC 28306. Dy: (919)

# M Aviation Officer Directory

396-0371. Res: (919) 423-0077. S: Lisa. Dy: Acting Officer, G3, Current Ops, 18th Airborne Corp, Fort Bragg, NC.

**Martin, Lyle L.V.**, (2LT) (M91) 4/11 ACR, APO AE 09146. Dy: (205) 255-3311. S: Jennifer. Dy: 4/11 ACR. RW Qual. Time: 250 Hrs.

**Martin, Phillip S.**, (CPT) (M88) (Phil) P.O. Box 5126, Fort Hood, TX 76544-0126. Dy: (817) 288-1638. Res: (817) 690-6020. Dy: Bn Trng Off, 15th MIL RW Qual. FW Qual. Time: 1,550 Hrs. Past Chapter Officer.

**Martini, Joseph T.**, (CPT) (M89) 94-1351 Kulewa Loop, Apt. 6, Wapahu, HI 96797. Dy: (808) 666-1084. Res: (808) 677-8871. S: Kelly. Dy: HHC Avn. Bde, 25th Inf. Div. (L), Aviation LNO. Rtg: AA. RW Qual. Time: 400 Hrs.

**Mathias, Steven D.**, (CPT) (M88) B Co, 3-227th Avn Regt., Unit 20196, Box 18, APO AE 09165. S: Pam. Dy: Company Cdr, B Co, 3-227th Avn Regt., Hanau, Germany. RW Qual. Time: 980 Hrs./Cdt 100 AM/2.

**Mattner, Matthew E.**, (CPT) (M91) (Madman) 377th Med. Co. AA, Unit 15517, APO AP 96218-0583. S: Chi Yeon. Dy: Flight Platoon Leader, Taegu, Korea. RW Qual. Time: 500 Hrs.

**Maxcy, William J.**, (CPT) (M89) 10725 Abercorn Extension, Apt. 180, Savannah, GA 31419. Res: (912) 920-7647. S: Becky. Dy: AVADC, Fort Rucker. RW Qual. FW Qual. Time: 650 Hrs./Cdt 75 AM/1.V.

**Mayes, Gordon D.**, (1LT) (M82) (Gordie) 9933 Flatland Trail, Converse, TX 78109-1608. S: Teresa. Rtg: AA IP TP. Time: 3,000 Hrs./Cdt 150 AM/2.

**McCarthy, Daniel J.**, (1LT) (M91) (Max) A Co, 7-227 Aviation, Unit 20197, Box 224, APO AE 09165. S: Patricia. Dy: Long Range UH-60 Pt Plt Ltr, Hanau Germany. Rtg: AA. RW Qual. Time: 450 Hrs.

**McClellan, Thomas L.**, (CPT) (M88) (Tom) 2250 Moreno Drive, Los Angeles, CA 90039. Dy: (213) 867-4294. Res: (213) 663-0993. S: Shelley A. Dy: Cdr, D Troop, 2-9 Cavalry, Fort Ord, CA. Rtg: SAA TP. Time: 1,060 Hrs. 92 Avn Log Unit Yr.

**McConnell, G. Scott**, (CPT) (M85) (Scott) 20 Johnson Street, Fort Rucker, AL 36362. Dy: (205) 255-3341. Res: (205) 588-3714. S: Kathryn. Dy: Small Grp Instructor. Rtg: AA. Time: 1,010 Hrs./Cdt 40 AM/1.

**McDaniel, Thomas J.**, (CPT) (M91) (Tom) 917 Shepherd Terrace, No. A, Patuxent River, MD 20670-1172. Dy: (301) 825-4417. Res: (301) 862-3199. S: Pam. Dy: USN Test Pilot School, Patuxent River, MD. Rtg: IP. RW Qual. FW Qual. Time: 2,300 Hrs.

**McFarland, David**, (CPT) (M85) 1707 Wittenberg Drive, Loveland, OH 45140-2035. Dy: (513) 745-1066. Res: (513) 677-5991. S: Colleen. Dy: Asst Prof of Military Science, Xavier U, Cincinnati, OH. Rtg: AA. Time: 875 Hrs.

**McKay, Michael D.**, (2LT) (M82) 507 Briarwood, Apt. 178, Enterprise, AL 36330. Res: (205) 347-8925. Dy: D Co, 1/145th, Fort Rucker, AL. Time: 97 Hrs. 92 USMA Cadet/Year.

**McLean, Daniel S.**, (CPT) (M82) (Dan) P.O. Box 222, Helendale, CA 92342. Dy: (619) 386-4415.

S: Angela. Rtg: AA. RW Qual. Time: 800 Hrs.

**McLeod, John S. Jr.**, (CPT) (M87) (Mac) HHC 5, 158th Aviation, Unit 26439, Box 96, APO AE 09182. Dy: Asst Bn. S-3. RW Qual. Time: 1,175.

**McMichael, Robert L. Jr.**, (2LT) (M91) (Les) E Troop, 5/17th Cav, Box 7, APO AP 96224-0494. S: Cheryl. Dy: Scout Platoon Ldr. RW Qual. Time: 274 Hrs.

**Meacham, Jimmy L.**, (CPT) (M86) 212 Wesley Drive, Ozark, AL 36360-1156. Res: (205) 774-0718. S: Syndee. Dy: Apache Fielding Team, Cairo, Egypt. Rtg: AA. RW Qual. Time: 900 Hrs./Cdt 30

**Meeker, Keith R.**, (CPT) (M91) (Meeks) 617 Cleveland Drive, Clarksville, TN 37042-6355. Dy: (602) 798-3165. Res: (615) 551-9776. S: Marlon.

**Meeks, Lynda C.**, (2LT) (M93) CMR 2, Box 12471, Fort Rucker, AL 36362. Res: (205) 598-8924. Dy: AD, D Co, 1/145th Avn, Fort Rucker, AL.

**Meidell, Laif E.**, (1LT) (M91) 7243 B Atsu Drive, Fort Carson, CO 80913. Dy: (719) 579-4511. Res: (719) 576-4678. S: Cara. Dy: LNO, HHC 1-4 Avn Regt. Rtg: AA. RW Qual. Time: 425 Hrs.

**Mendall, Cory A.**, (1LT) (M91) 3110 Lylewood Road, Woodlawn, TN 37191. Dy: (602) 798-8291. S: Brooke. Dy: A Co, 3/101st Avn Regt, Fort Campbell, KY. Rtg: AA TP MTP. RW Qual. Time: 750 Hrs.

**Mensack, Mark D.**, (CPT) (M87) (Gumbly) 1375 Harrington Road, Havertown, PA 19083-2028. Dy: (914) 938-2501. S: Lori. Dy: Philosophy Instructor, USMA. RW Qual. Time: 600 Hrs.

**Merkel, Kenneth O.**, (CPT) (M86) 722 East 500 Street, Savannah, GA 31405-2459. Dy: (912) 352-2332. Res: (912) 352-8062. S: Anastasia. Dy: Bn S-1, 3-24th Avn Regt, HAAF, GA, 24th ID (L). Rtg: AA. RW Qual. Time: 1,100 Hrs.

**Merrill, Mark L.**, (CPT) (M80) 100 Windham Drive, No. 403, Daleville, AL 36322. Dy: (205) 255-3311. Res: (205) 598-3778. Dy: Flight School Student.

**Merritt, Layne B.**, (CPT) (M85) 1104 G Thompson Circle, Fort Eustis, VA 23604-1426. Dy: (804) 878-2523. Res: (804) 887-2701. S: Patricia. Dy: Company Cdr, A1-222nd Avn Regt, Fort Eustis, VA. Rtg: AA MTP. RW Qual. FW Qual. Time: 1,500 Hrs./Cdt 100

**Messitt, Todd A.**, (CPT) (M90) HHT, 4/11 ACR, Unit 20804, Box 321, APO AE 09146. S: Kelly. Dy: Regimental S-3 Air, 11th ACR, Fulda, Germany. RW Qual. Time: 1,650 Hrs.

**Metheny, William P.**, (CPT) (M82) (Bill) A Co, 2/25th Avn, Fort Drum, NY 13602-5000. Dy: (315) 772-3616. Res: (315) 773-3610. S: Lori. RW Qual. Time: 800 Hrs./Cdt 30 AM/1.

**Meyer, David C.**, (CPT) (M91) (David) 5833 Rowley, Waterford, MI 48329. RW Qual. Time: 830 Hrs.

**Mickus, Lawrence G.**, (2LT) (M91) (Mick) 30319 Warner, Warren, MI 48082. Res: (818) 284-7928. S: Nancy.

**Millard, Christine J.**, (1LT) (M91) (M89) 22630 McManus Drive, Chugiak, AK 99567-9421. Dy: (907) 384-2523. Res: (907) 688-6532. S: Donald. Dy: XO, B 4-123rd Avn, Fort Richardson. Rtg: AA. Time: 650 Hrs.

**Miller, Bernard P.**, (2LT) (M92) (Bernie) 101 Baxter Street, Daleville, AL 36322. Res: (205) 598-5211. Dy: D Co, 1-145th Avn Flight School Student. Time: 100 Hrs.

**Miller, Christopher**, (CPT) (M88) (Topher) P.O.

Box 792, Pullman, WA 99163-0792. Res: (509) 332-1598. S. Sue. Dy: Washington State University Graduate Student. Rtg: AA TP. Time: 1,530.

**Miller, Douglas S.**, (1LT) (M92) O Troop, 4/11 ACR, Unit 2004, Box 528, APO AE 09146. S. Pam. Dy: Troop XO. RW Qual. Time: 700 Hrs. Secretary, Thunderhorse Chapter.

**Miller, John P.**, (1LT) (M90) 98-860 Leuluha Place, Aie, HI 96701. Dy: (808) 655-6202. Res: (808) 486-0811. Dy: HHT, 5-9 Cav. Rtg: AA. RW Qual. Time: 450 Hrs.

**Millard, Frank H. II**, (CPT) (M90) 1972 Steford Drive, Clarksville, TN 37043. Dy: (502) 998-9384. Res: (615) 362-5673. Dy: Co Cdr, Army Aviator, B Co, 3/101. RW Qual. Time: 1,000 Hrs./Cdt 135 AM/2.

**Mingos, Darren D.**, (2LT) (M91) (Ming) 1530 A Werner Park, Ft. Campbell, KY 42223. Dy: (502) 798-2202. Res: (615) 431-3988. S. Jill. Dy: Platoon Leader. Rtg: AA. RW Qual. Time: 250.

**Mitchell, Darren S.**, (2LT) (M92) (Mitch) 212 Richmond Avenue, Enterprise, AL 36330-4515. Dy: (205) 255-3311. Res: (205) 347-1794. RW Qual. Time: 350 Hrs.

**Mobley, Kevin D.**, (2LT) (M91) D Troop, 5/17th Cavalry, Unit 15038, Box 90, APO AP 96224-0217. S. Caroline. Dy: Scout Platoon Leader, D Trp, 5/17th Cav. Camp Mubong, Korea. RW Qual. Time: 220 Hrs.

**Molnais, David L.**, (CPT) (M83) 564-B Forney Loop, Fort Belvoir, VA 22060-5120. S. Tammy. Dy: Avn Branch Assignment Officer. Rtg: AA. RW Qual. Time: 950 Hrs. Past Chapter Officer.

**Moon, Tony L.**, (CPT) (M91) P.O. Box 2233, Barstow, CA 92312-2233. Dy: (619) 386-5583. S. Lynn. Dy: G3 Installation Aviation Officer, DPTMSEC, Fort Irwin.

**Mooney, William K.**, (CPT) (M87) (Bill) HHC, CAB, CMR 454, Box 1781, APO AE 06250-5000. S. Terry. Dy: Commander, HHC, CBT Avn Bde, 3rd Inf Div, Katterbach, Germany. Rtg: AA.

**Moore, Bruce**, (CPT) (M83) P.O. Box 128, Syracuse, NY 13215. Dy: (315) 443-2898. Res: (315) 425-8963. Dy: Student, Syracuse University. Rtg: SAA TP. RW Qual. Time: 1,006 Hrs./Cdt 76 AM/1. Past Chapter Officer.

**Moore, Chris E.**, (CPT) (M86) HHC, 3/58th ATC, APO AE 09096. S. Terry Sue. Dy: HHC Cdr, Wiesbaden Air Base. Rtg: AA. RW Qual. Time: 600 Hrs.

**Moore, David R.**, (CPT) (M85) 7241 Stonehaven Drive, Columbia, SC 29208. Dy: (803) 775-0160. Res: (803) 783-7657. S. Laura A. Rtg: AA. RW Qual. Time: 1,200 Hrs./Cdt 100 AM/1.

**Moguin, Marc D.**, (CPT) (M88) PSC 1, Box 4675, APO AA 34001. S. Mary. Dy: Operations Officer, A Co, 1-28th Avn Regt. RW Qual. Time: 1,000 Hrs./Cdt 50 AM/1.

**Morgan, Terry V.**, (CPT) (M88) 205 Pinewood Avenue, Raftord, NC 28376. Dy: (919) 432-2604. Res: (919) 875-4595. S. Deirdre. Dy: Cdr, HHT, 1-17th Cav, 82nd Avn Bde. Rtg: AA. Time: 850 Hrs./Cdt 47 AM/1, DFC/1.

**Moses, Bruce D.**, (1LT) (M91) 82005-1 Lamar Avenue, Fort Hood, TX 76544. Dy: (817) 288-1147. Res: (817) 539-4882. S. Sarah. Dy: B Co, 15th MI BN (AE). Rtg: AA. RW Qual. FW Qual. Time: 600 Hrs.

**Mullin, Patrick J.**, (1LT) (M91) (PJ) 215 Lanfare Place, Colorado Springs, CO 80911. Dy: (719) 579-3632. Res: (719) 527-0692. Dy: Flt. Ops Officer, HHT 2-7 Cav, Fort Carson, CO. Rtg: AA.



## Aviation Officer Directory

RW Qual. RW Qual. Time: 250 Hrs.

**Murray, Barry G.**, (CPT) (P) (M85) (Barry) 111 Illinois Drive, Jacksonville, AR 72076-2021. Dy: (501) 962-6593. S. Peggy. Dy: Observer/Controller, JRTC, LRAFB, AR. Rtg: AA. Time: 1,010.

**Murray, Charles S.**, (CPT) (M92) (Shawn) 1901 Swann Street, Fayetteville, NC 28303. Dy: (919) 432-2889. Res: (919) 630-2186. S. Karl. Dy: S-1, 1-17 Cav, 82nd Avn Bde, 82nd Avn Div. RW Qual. Time: 838 Hrs.

**Murray, Dawn M.**, (1LT) (M91) 4025 Westmeadow Drive, Apt. 2217, Colorado Springs, CO 80906-6062. Dy: (719) 579-2519. Res: (719) 576-2060. Dy: Plt Ldr, E Co., 4th CAB, Fort Carson.

**Murray, William E.**, (CPT) (M83) (Bill) PSC 4, Box 14, APO AA 34004. Dy: (313) 266-3539. S. Sherril. Dy: Plans & Execution Director, Special Ops Cent South. Rtg: SAA. RW Qual. Time: 1,195 Hrs.

**Murrell, Stanley D.**, (CPT) (M87) (Stan) HHT, 4/11 ACR, Unit 2004, Box 42, APO AE 09146. S. Julia. Dy: Assistant S-3. Rtg: AA. RW Qual. Time: 900.

**Musiol, Michael J.**, (1LT) (M90) (Mike) 488 Linds End Drive, Fayetteville, NC 28314. Dy: (919) 396-4343. S. Leigh Ann. Dy: Platoon Leader, C Co, 1-82nd Avn, Fort Bragg, NC. RW Qual. Time: 300 Hrs.

**Myers, Deborah A.**, (CPT) (M86) (Debbie) HSC, 3rd MI BN (AE), Unit 15220, Box 117, APO AP 96271-0156. Dy: Battalion S-4, Camp Humphreys, Korea. Rtg: AA. RW Qual. FW Qual. Time: 750 Hrs./Cdt 35 AM/1.

**NNNN-0000**

**Nascimento, Leonel**, (1LT) (M88) (Leo) 95-182 Kippa Drive, Apt. 64, Milani, HI 96789. Dy: (808) 565-2541. Res: (808) 625-0823. Dy: C-4/25th Avn, 25th ID(L), Wheeler Army Airfield. RW Qual. Time: 520 Hrs.

**Naughton, Michael P.**, (1LT) (M90) 6866 Baystone Road, Fayetteville, NC 28314. Dy: (919) 396-7767. Res: (919) 487-5949. S. Debbie. Dy: 18th Avn CP, Fort Bragg, NC. RW Qual. Time: 500 Hrs./Cdt 12 AM/1.

**Neal, David R.**, (1LT) (M90) 207th Aviation Company, Box 86, APO AE 09102. Res: (918) 434-5827. S. Donna. Dy: Heidelberg, GE. RW Qual. Time: 750 Hrs.

**Nelson, Eric M.**, (CPT) (M85) Pikes Peak Chap Secretary, 5135 Iron Horse Trail, Colorado Springs, CO 80917. Dy: (719) 579-2455. Res: (719) 380-1222. S. Kathy. Dy: 27 Cavalry, Ft. Carson, CO. Rtg: SAA. RW Qual. Time: 1,500 Hrs.

**Nelson, Michael S.**, (CPT) (M82) (Mike) 5444 Winans Road, West Point, NY 10996. Dy: (914) 938-3114. Res: (914) 446-6528. S. Katie. Dy: Dept of Systems Engineering, USMA. Rtg: SAA. RW Qual. Time: 1,200 Hrs.

**Nelson, Rockney T.**, (CPT) (M86) (Rocky) 209 Seminole Drive, Enterprise, AL 36330. Dy: (205) 255-5033. Res: (205) 347-3905. S. Jacquelyn. Dy: Company Cdr., C Co, 1/14 Avn Regt. Rtg: SAA. Plt. RW Qual. Time: 1,000 Hrs.

**Netherland, Scott F.**, (CPT) (M83) (Scott) HHC, 12th Avn Bde, Unit 29632, APO AE 09096. S.

Jacque. Dy: HHC, 12th Avn Bde, Wiesbaden Germany. Rtg: AA. Time: 1,250 Hrs. Past Chapter Officer.

**Newell, Michael W.**, (1LT) (M91) (Mike) Unit 2004, Box 490, P Trp, 4/11 ACR, APO AE 09146. S. Kathleen. Dy: Troop Executive Officer, P Troop, 4/11 ACR, Fulda, Germany. Rtg: AA. RW Qual. Time: 400 Hrs.

**Newell, Peter L.**, (CPT) (M82) (Pete) A Co, 7-227 Aviation, Unit 20197, Box 198, APO AE 09165. S. Debra. Dy: Commander, Harau, Germany. Rtg: AA. RW Qual. Time: 1,500 Hrs. Life Member.

**Niketas, Bill A.**, (1LT) (M91) 116 Hickory Ridge Circle, Leesville, LA 71446. Dy: (318) 531-2638. Res: (318) 535-9942. S. Allison. Dy: Gun Plt Ldr, 1-502nd Avn. RW Qual. Time: 550 Hrs.

**Noles, James L.**, (1LT) (M90) (Jim) 942-6 Stewart's Creek Dr., Fayetteville, NC 28314. Dy: (919) 386-3533. Res: (919) 868-7061. Dy: 1-159th Avn Regt, Fort Bragg, NC. RW Qual. Time: 300.

**Norby, Kurt E.**, (CPT) (M89) D Troop, 3-4 Cav, CMR 464, Box 565, APO AE 09228. S. Robin. Dy: Commander, D Trp, 3-4 Cavalry, Con Baracks, Germany. Rtg: SAA. RW Qual. Time: 1,300 Hrs. AM/1.

**Notch, Robert M.**, (1LT) (M89) (Bob) 5139 Waters Street, Fort Bliss, TX 79906. Dy: (915) 568-9031. Res: (914) 564-5663. S. Bonnie. Dy: X-8, 43 ACR, HHT.

**Nugent, John D.**, (1LT) (M91) 3162 Anabel Avenue, Evans Mills, NY 13637. Dy: (315) 772-7684. Res: (315) 629-4069. S. Denise. Dy: Avn Platoon Leader, E Co, 25th Avn Regt. Rtg: MTP. RW Qual. Time: 250 Hrs.

**Ochoick, Mark J.**, (CPT) (M85) B Co, MI BN (LJ), APO AA 34042. S. Connie. Dy: Commander, Soto Cano Air Base, Honduras. Rtg: SAA. RW Qual. FW Qual. Time: 1,700 Hrs./Cdt 145 AM/1.

**O'Donnell, Vernon E.**, (CPT) (M90) (Vern) T Troop, 4/11 ACR, Unit 2004, Box 498, APO AE 09146. S. Ellen. Dy: Commander, Fulda, Germany. Rtg: AA TP. RW Qual. Time: 850 Hrs.

**Oelberg, Gregory P.**, (CPT) (M85) (Greg) HHC, 5-501st Avn., Unit 15667, APO AP 96297-0626. S. Cathy. Dy: Bn S-4, Camp Eagle, Korea. Rtg: SAA. RW Qual. Time: 1,600 Hrs.

**O'Hara, Patrick III.**, (CPT) (M87) (Patrick) 1211 Cobblestone Lane, Clarksville, TN 37042. Dy: (502) 798-2638. Res: (615) 431-6147. S. Sharon. Dy: Ops Off, B/1-160th SOAR(A), Fort Campbell, KY. RW Qual. Time: 2,100 Hrs./Cdt 25 AM/1. Life Member.

**O'Heenan, Scott D.**, (1LT) (M83) 400F Holbrook Avenue, Fort Riley, KS 66442. Dy: (913) 239-3264. Res: (913) 784-7510. S. Janine. Dy: E Co Troop, 1-4 Cavalry, Fort Riley, KS.

**Olson, Dennis M.**, Jr., (CPT) (M91) (Pat) 21st TAACDM, TCT-BE, PSC 79, Box 003, APO AE 09724. S. Valerie G. Dy: Chief, Territorial Coordinator Team, Brussels, Belgium. Rtg: AA. RW Qual. Time: 920 Hrs. Life Member.

**Olson, Keith E.**, (CPT) (M88) 2623 Goldenrod Lane, Findlay, OH 45840. Rtg: AA. RW Qual. Time: 640 Hrs./Cdt 30

**O'Neal, Patrick L.**, (CPT) (M91) (Pat) 19 Kirby Street, Ft. Rucker, AL 36362. Dy: (205) 255-3485. Res: (205) 588-3730. Dy: Ops Off Avn Battle Lab Support Team. Rtg: MAA. Plt. RW Qual. Time: 3,000 Hrs./Cdt 50 AM/1.

**O'Neil, Timothy J.**, (CPT) (M85) (T.J.) HHC, 4-58th Avn, Unit 15276, Box 221, APO AP 96205-0049. S. Jeannene. Dy: ATC Liaison Of-

ficer for 8th Army, Yongsan (Seoul), Korea. Rtg: AA. RW Qual. Time: 660 Hrs. Life Member.

**Openshaw, Shane T.**, (CPT) (M87) 44 Harris Drive, Fort Rucker, AL 36312-2351. Dy: (205) 255-6666. Res: (205) 598-1154. S: Suzanne. Dy: Company Commander, 1-223rd Avn Regt. Rtg: AA IP. RW Qual. Time: 1,700 Hrs./Cdt 80 AM/1.

**Oppeman, Jeffrey K.**, (CPT) (M90) (Jeff) 644 3rd Avenue E., Kalspell, MT 59901. S: Julie. Dy: B Co, 3-58th Avn, Katterbach, Germany. Rtg: AA. RW Qual.

**Opredny, Frank III**, (1LT) (M88) 5206-A Phillips Street, Fort Bliss, TX 79906. Dy: (915) 568-3311. Res: (915) 564-5853. S: Tracey. Dy: Aerosocut Platoon Leader, Normad Troop, 4th Sqdm, 3rd ACR. RW Qual. Time: 540 Hrs./Cdt 20 AM/1.

**Ortiz, Jerson A.**, (CPT) (M88) 2009 Wiener Park, No. 4, Fort Campbell, KY 42223-1197. Dy: (502) 798-3644. Dy: Cdr, D Co, 2/101st Avn Regt. Rtg: MTP. RW Qual.

**Otto, Gregory M.**, (1LT) (M91) A Troop, 6/6 Cavalry, CMR 416, Box 1152, APO AE 09140-5000. S: Kelly. Dy: Stork Barracks, 6/6 Cavalry, Ilesheim, Germany.

**Owen, James C.**, (2LT) (M92) 110 Crestview Drive, Enterprise, AL 36330. Dy: (206) 255-3311. Res: (206) 347-7470. Dy: Student, D Co, 2-145th Avn.

**Owen-Magras, Krista M.**, (1LT) (M90) 3487 Nesbit Road, Fayetteville, NC 28311. Dy: (919) 398-4703. Res: (919) 822-4365. S: Patrick. Dy: XO, A Co, 2-159th Avn Regt. RW Qual. Time: 325 Hrs.

**Owens, Calvin J.**, (CPT) (M89) 5158th Avn Regt, D Co, Unit 26441, Box 23, APO AE 09182. S: Sandra. Dy: DIS-158th Avn Regt, Cdr, Giebelstadt, Germany. RW Qual. Time: 690 Hrs.

**Oxer, James E.**, (CPT) (M88) (Ed) 104 Kate Street, Enterprise, AL 36330. Dy: (205) 255-5917. Res: (205) 347-3008. S: Monique. Dy: Operations Officer, 1-212th Avn Regt, ATR. Rtg: AA IP. RW Qual. Time: 2,900 Hrs.

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**Pacello, Francis S.**, (CPT) (M91) (Scott) 135 Lakeview Drive, Daleville, AL 36322. Dy: (205) 255-2619. Res: (205) 589-9367. Rtg: AA. RW Qual. Time: 450 Hrs./Cdt 5

**Packard, Charles J.**, (CPT) (M89) (Charlie) 306 Barber Drive, Copperas Cove, TX 76522. Dy: (817) 287-8656. Res: (817) 542-1537. S: Michelle. Dy: Cdr, HHC, Avn Bde, 10CD. Rtg: MTP. RW Qual. Time: 1,100 Hrs.

**Palmer, Chris H.**, (CPT) (M91) 5980 Annaberg Place, Burke, VA 22015. Dy: (703) 805-2042. Res: (703) 239-2657. S: Jill. RW Qual. FW Qual. Time: 800 Hrs.

**Paquette, Derek J.**, (CPT) (M83) 107 Blessing Place, Austin, TX 78719. Res: (512) 385-7596. S: Kathy. Dy: Graduate Student, Univ. of Texas, Austin. Rtg: SAA IP. RW Qual. Time: 1,575 Hrs./Cdt 25 AM/1.

**Paradise, Robin S.**, (1LT) (M93) HSC, 7-1 Avn, CMR 454, Box 2673, APO AE 09250. S: Robert. Dy: Ansbach, Germany. RW Qual. Time: 450 Hrs.

**Parker, David B.**, (CPT) (M92) 4990 Lafayette Road, Hopkinsville, KY 42420-9320. Dy: (502) 798-9392. Res: (502) 885-9005. S: Sandra. Dy: D/1-101st. Rtg: MTP. RW Qual. Time: 1,500 Hrs./Cdt 70 AM/3.

**Parker, William E.**, (CPT/PI) (M90) (Bill) 209 West

## P Aviation Officer Directory

Glen Drive, Glen Carbon, IL 62034. Dy: (618) 288-9680. Res: (618) 288-9680. S: Natalie. Dy: Asst PM, TAPO, AVS00M. RW Qual. FW Qual. Time: 1,500 Hrs.

**Parikhurst, Jack**, (CPT) (M91) 6815 Saint Julian Way, Fayetteville, NC 28314-5822. Dy: (919) 432-3363. Res: (919) 864-7593. Dy: Cdr, B Co, 2/82nd Avn, Ft. Bragg, NC. RW Qual. Time: 750.

**Parish, Mark A.**, (CPT) (M88) (Blade) Route 2, Box 387, Bunker Hill, WV 25413. S: Allison. Dy: Assistant S-3, Hanau, Germany. Rtg: AA. RW Qual. Time: 650 Hrs./Cdt 67 AM/2,1V.

**Parish, Michael D.**, (CPT) (M85) Q Troop, 4/11 ACR, Unit 20804, Box 63, APO AE 09146. S: Judy. Dy: Trp Cdr, 11th ACR, Fulda, Germany. Rtg: AA. RW Qual. Time: 1,250 Hrs. Senior Vice President, Thunderhorse Chapter.

**Paska, Craig A.**, (CPT) (M88) 1579 Barrett Drive, Clarksville, TN 37043-1719. Dy: (615) 798-4787. Res: (615) 648-4365. Dy: BAE, 4/101st Avn Regt.

**Patterson, Mark C.**, (CPT) (M92) 207 Blackhawk Trail, Harker Heights, TX 76543. Dy: (817) 287-4718. Res: (817) 690-1210. S: Deanna. Dy: HHC, 2-158th Avn Regt, S-2. RW Qual. Time: 1,000 Hrs./Cdt 20 AM/1.

**Paulino, Francisco C.**, (CPT) (M90) 377th Med Co (AA), APO AP 96205. Res: (205) 598-8888. S: Vicky. Dy: Plt Ldr, 377th Med Co (AA), Rgt: AA. RW Qual. FW Qual. Time: 650 Hrs./Cdt 70 AM/1.

**Paulino, Kenneth P.**, (CPT) (M91) (Ken) C Company, 5-501st Avn, Unit 15567, Box 54, APO AP 96297-5677. S: Lucille. Dy: Co Cdr, Rgt: AA. RW Qual. Time: 1,090 Hrs./Cdt 10

**Pavalk, Gregory T.**, (CPT) (M91) (Greg) PSC 1, Box 4244, APO AA 34001-0007. Dy: (313) 284-9656. S: Debbie. Dy: C Co, 1-228th Avn Regt, Fort Kobbe, Panama. Rtg: MTP. RW Qual. Time: 725 Hrs.

**Pearman, Gerald M.**, (CPT) (M86) (Jerry) HQ V Corps Avn, Unit 25202, APO AE 09079. Res: (205) 598-3309. Dy: V Corps Aviation. Rtg: AA. RW Qual. Time: 705 Hrs./Cdt 11 AM/1. Past Chapter Officer.

**Peasler, William R.**, (1LT/PI) (M90) (Ron) 10683 Arnold Drive, Fort Bliss, TX 79906. Dy: (915) 568-8180. Res: (915) 562-6048. S: Jennifer. Dy: Commander, Q Troop, 4/3rd ACR, Ft. Bliss. Rtg: AA. RW Qual. Time: 400 Hrs./Cdt 20 AM/1.

**Pelczynski, Anthony S.**, (CPT) (M92) (Tony) 1106 Elm Street, Woodland, CA 95669. RW Qual. Time: 1,400 Hrs.

**Pelletier, Robert M.**, (CPT) (M84) (Bob) HHT 517th Cavalry, APO AP 96251-5000. Dy: S4, Camp Pelham, Korea. Rtg: AA. RW Qual. Time: 670 Hrs./Cdt 6 Life Member.

**Pennington, James J.**, (CPT) (M92) (Jake) 3004 Wilson Drive, Manhattan, SC 66602. Dy: (913) 239-2800. Res: (913) 776-7187. S: Manuela. Dy: Cdr, D/1-4th Cav. Rtg: AA. RW Qual. Time: 700.

**Pennyculst, Richard B.**, (CPT) (M91) (Kuff) 598 Green Forest Drive, Fenton, MO 63026. Dy: (314) 263-1121. Res: (314) 343-5083. Dy: XO, PEO Avn, St. Louis, MO. RW Qual. Time: 1,000 Hrs./Cdt 25 AM/2.

**Pepin, Allan M.**, (CPT) (M89) (Al) E Troop, 3-4 Cavalry, CMR 464, Box 593, APO AE 09226. Dy:

Gun Plt Ldr, Schweinfurt, GE. Rtg: AA. RW Qual. Time: 700 Hrs.

**Perkins, Scott M.**, (1LT) (M91) 804 Tallstone Drive, Fayetteville, NC 28311. S: Melanie. Dy: Aviator, C Troop, 1-17th Cav, Fort Bragg, NC. Rtg: AA. RW Qual. Time: 300 Hrs.

**Peters, Roy R.**, (CPT) (M90) 728 Gillespie Drive, Manhattan, SC 66602. Dy: (913) 239-6755. Res: (913) 539-5850. S: Jeannette. Dy: Bn Adjutant, HHC, 1st Bn, 1st Avn. RW Qual. Time: 900 Hrs./Cdt 80 DFC/1, AM/1.

**Petrik, Gregory D.**, (CPT) (M85) 3396 Allen Road, Clarksville, TN 37042. Dy: (615) 298-6533. Res: (615) 648-0596. S: Barbara. Dy: 1/160th SOAR, Fort Campbell, KY. Rtg: SAA. RW Qual. Time: 2,300 Hrs./Cdt 36 AM/1.

**Petty, John T. Jr.**, (2LT) (M90) (J.T.) 604 Junipero Court, Merced, CA 95348. Dy: (206) 357-2783. Res: (209) 723-6740. S: Amelia. Dy: C Co, 214th Avn Regt, Fort Lewis, WA. RW Qual. Time: 300.

**Phaneuf, Alan M.**, (CPT) (M88) (Alf) 3112 Cyclesdale Drive, Clarksville, TN 37043. Dy: (602) 798-2212. Res: (615) 358-2183. S: Carol. Dy: Commander, B Co, 8-101 Avn Regt, Fort Campbell, KY. Rtg: SAA TP. RW Qual. Time: 1,350 Hrs./Cdt 24 AM/1.

**Phillips, Richard T.**, (CPT) (M85) (Rich) 3434-B Thompson Circle, Wahiawa, HI 96786. Dy: (808) 656-4630. S: Joyce A. Dy: Safety Officer, 124th Trans Bn, Schofield Barracks, HI. Rtg: AA. RW Qual. Time: 665 Hrs.

**Phlips, Warren E. Jr.**, (CPT) (M84) 3048-B Parsons Place, West Point, NY 10996. Dy: (914) 398-4018. Res: (914) 446-8453. S: Sylvia. Dy: CPT - Instructor, Dept. of Mathematical Sciences, USMA. Rtg: SAA. RW Qual. FW Qual. Time: 1,100

**Picciotto, John A. Jr.**, (CPT) (M87) (Jack) 2101-C Powers Ferry Road, Marietta, GA 30067. Res: (404) 988-8330. S: Maryellen. Rtg: AA. RW Qual. Time: 950 Hrs./Cdt 44 AM/1.

**Pierce, William A.**, (CPT) (M82) (Bill) HHC, 11th ATK Bde, CMR 416, Box 1172, APO AE 09140. S: Sue. Dy: Asst. Brigade S-3, 11th Attack Bde. Rtg: AA. Time: 900 Hrs.

**Pietsch, James C.**, (CPT) (M89) (Jim) 505 Briarwood Drive, F-2, Enterprise, AL 36330. Dy: (205) 255-3344. Res: (205) 393-3857. S: Lisa. Dy: Avn Off Adv Csr, Fort Rucker, AL, A Co, 1-145th Avn. Rtg: AA. RW Qual. Time: 550 Hrs./Cdt 5

**Pietsch, Lisa A.**, (CPT) (M92) 300 East Riverside Drive, Apt. 135, Austin, TX 78704. Dy: (512) 478-4718. Res: (512) 445-5726. S: James. Dy: Asst S-4, Avn Bde, 49AD, TXARNG. Rtg: MTP. RW Qual. Time: 600 Hrs.

**Piett, William T.**, (1LT) (M90) (Todd) 314 Valley Drive, Manhattan, SC 66502-3952. Dy: (913) 239-2234. Res: (913) 776-6264. Dy: A4-1 Avn, Fort Riley, KS. RW Qual. Time: 650 Hrs.

**Pilgrim, Allen M.**, (1LT) (M89) (Allen) 3438-A McCormack Road, Wahiawa, HI 96786. Dy: (808) 656-3565. Res: (808) 624-0212. S: Crisly. Dy: Plt Ldr, UH-60 Maint Test Pilot, B Co, 4/25th Avn. Rtg: AA MTP. Time: 500 Hrs.

**Pinter, David J.**, (1LT) (M91) (Bozeman) P.O. Box 264, Brownsdale, MN 55918-0284. Rtg: AA. RW Qual. Time: 3,000 Hrs.

**Poisson, Jeffrey A.**, (1LT) (M91) 108-1 London Court, Fayetteville, NC 28311-1548. Dy: (919) 395-9060. Res: (919) 489-9726. S: Debra. Dy: Platoon Leader, D Trp, 4/17th Cav, Fort Bragg, NC. Rtg: AA. RW Qual. FW Qual. Time: 400 Hrs.

**Pojtinger, David A.**, (1LT) (M89) 2501 Galloway Drive, Manhattan, KS 66502. Dy: (913) 239-6755. Res: (913) 537-4237. S: Deborah. Dy: HHC, 1-1 Avn Regt. Fort Riley, KS. RW Qual. Time: 500.

**Polhamus, John A.**, (2LT) (M92) 28 Galt Lane, Fort Rucker, AL 36362. Dy: (205) 598-3311. Res: (205) 598-4305. S: Michelle. Dy: D Co, 1/145th Avn, Fort Rucker, AL.

**Polizzi, Gregory**, (1LT) (M91) (Greg) A Co, 2/3 Avn, Unit 26417, APO AE 09182. Dy: Scout Platoon Ldr, Giebelstadt, Germany. RW Qual. Time: 480 Hrs.

**Poole, Erik K.**, (CPT) (M92) 418 Eastlake Drive, Gainesville, GA 30506. Dy: (404) 669-6094. Res: (404) 368-8709. S: Helen. Dy: FORSCOM HQs, Fort McPherson, GA. Rtg: AA MTP. RW Qual. Time: 1,200 Hrs.

**Pope, Talmadge D.**, (CPT) (M85) HQ, 9-227 Avn Supt Bn, Unit 20198, Box 42, APO AE 09165. S: Michelle. Dy: Battalion Adjutant, Hanau, Germany. Rtg: SAA. TP RW Qual. Time: 1,300 Hrs./Cdt 5 AM/1 Past Chapter Officer.

**Prather, Christopher**, (1LT) (M91) High Desert Chapter Secy, 1819 B Vera Cruz, Barstow, CA 92311. Dy: (619) 366-3089. Res: (619) 252-2051. S: Melissa. Dy: Pl Ldr, 3/159 Avn Bn, Fort Irwin, CA. RW Qual. Time: 500 Hrs.

**Pratt, Lynn K.**, (CPT) (M92) 3602 Rolling Pines Drive, Enterprise, AL 36330. Dy: (205) 255-5604. Res: (205) 393-1691. Dy: HHD/1-11th, Fort Rucker, AL. Rtg: IP. RW Qual. Time: 1,300 Hrs.

**Price, John D.**, (2LT) (M92) (Dave) 1603 East Andrews, Apt. 12c, Ozark, AL 36360. Dy: (205) 255-5226. Res: (205) 774-3231. S: Linaye. Dy: D/1-145, Fort Rucker, AL. RW Qual. Time: 240.

**Pullford, Brian R.**, (CPT) (M88) A Troop, 2/12 Cav, Fort Knox, KY 40121. Dy: Adv Course. RW Qual. Time: 780 Hrs./Cdt 36 AM/2.

**Pulka, Erik A.**, (2LT) (M91) HHC, 3/227th Avn, Unit 20196, APO AE 09165.

**Purvis, James W.**, (CPT) (M88) (Jim) HHC 7th ATC, CMR 415, Box 3358, APO AE 09114. S: Lorraine E. Dy: Aviation Operations Officer, Grenatweh Training Area. Rtg: SAA. RW Qual. Time: 1,200 Hrs.

**Pyatt, Michael D.**, (CPT) (M88) (Mike) 15A Village Heights, Enterprise, AL 36330. Dy: (205) 255-3344. Res: (205) 393-2973. S: Meredith. Dy: AVNDC Student. Rtg: AA. RW Qual. Time: 600 Hrs./Cdt 60 AM/3.

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**Radtke, Mark J.**, (CPT) (M89) Rhine Valley Chap Treas., 56th Avn, Unit 29719, Box 88, APO AE 09028. Res: (205) 598-3800. Dy: Battalion S-2, 70th Transportation Bn. (AVIM). Rtg: AA. RW Qual. Time: 1,200 Hrs.

**Rakow, Mark F.**, (CPT) (M83) 105 Key Bend Drive, Enterprise, AL 36330-1504. Dy: (205) 255-4506. Res: (205) 347-8334. S: Jill. Dy: Chief, Maintenance Branch, ODTD, Fort Rucker, AL. Rtg: AA MTP. RW Qual.

**Rapov, Michael J.**, (CPT) (M86) (Rip) 6th Aviation Detachment, Box 946, APO AE 09630. S: Susan. Dy: Operations Officer, Vicenza, Italy. RW Qual. Time: 950 Hrs.

**Rasmussen, Shawn A.**, (CPT) (M91) C Co, 2nd Avn Regt (AMC), Unit 15426, APO AP 96257-0456. Dy: XO, Camp Stanley, Korea. Rtg: IP. RW Qual. Time: 1,950 Hrs.

**Ratliff, William Jr.**, (CPT) (M88) (Brother) 68 Red

# R Aviation Officer Directory

Cloud Road, Fort Rucker, AL 36362. Res: (205) 598-9239. S: Kristen. Dy: Avn Officer Advance Course Student, Fort Rucker, AL.

**Rauer, Scott J.**, (1LT) (M88) 677-5 Barton's Landing Pl, Fayetteville, NC 28314. Dy: (919) 396-4055. Res: (919) 864-8529. S: Tracey. Dy: D Co, 1-82nd Avn (AK). Rtg: MTP. RW Qual. Time: 380 Hrs.

**Reed, James M.**, (CPT) (M84) (Mike) HHC 3-58th Aviation, Unit 31020, Box 171, APO AE 09025. S: Carolyn. Rtg: AA. RW Qual. Time: 850 Hrs. Life Member.

**Rees, Christian F.**, (2LT) (M92) CMR 3, Box 7663, Fort Rucker, AL 36362. Res: (205) 598-9063. RW Qual. RW Qual. Time: 250 Hrs.

**Reese, Francis V.**, (CPT) (M88) (Fran) 15015 27th Avenue E, Tacoma, WA 98445. Dy: (206) 967-4883. S: Jim. Dy: TNG Officer, Flight Ops Office, CH-47D Pilot, C Co, 214th Avn Regt. RW Qual. Time: 600 Hrs.

**Reyes, Hugo E.**, (CPT) (M89) 431-D Acacia Circle, Fayetteville, NC 28314. Dy: B Co, 1-58th Avn Regt. Fort Bragg, NC. Rtg: AA. RW Qual. Time: 450 Hrs.

**Rice, Darwin F.**, (1LT) (M91) 6880 Candlewood Drive, Fayetteville, NC 28314. Dy: (919) 396-7478. Res: (919) 868-7399. S: Andrea. Dy: Pl Ldr, A Co, 1-229th ATK/AR (Abr), Fort Bragg, NC. RW Qual. Time: 260 Hrs.

**Rice, Frederick L.**, (CPT) (M88) (Fred) B Co, 1-2d Avn Regt, Unit 15433, Box 1053, APO AP 96257-0479. Res: (205) 347-7423. S: Cindy. Dy: Co Cdr. Rtg: AA. RW Qual. Time: 600 Hrs./Cdt 75 AM/1.V.

**Rice, James S.**, (CPT) (M93) (Jim) 45 Med. Co. (AA), CMR 454, Box 2804, APO AE 09250. S: Terry. Dy: XO, Operations Officer, Ansbach, Germany. Rtg: SAA. RW Qual. Time: 1,300 Hrs. AM/2. Past Chapter Officer.

**Rich, Jeffrey O.**, (1LT) (M90) (Jato) 504 Diana Lane, Harker Heights, TX 76543. Dy: (817) 287-8070. Res: (817) 698-3014. S: Nancy. Dy: Plans Officer, 6th Cav Bde, Fort Hood, TX. RW Qual. Time: 1,300 Hrs.

**Richardson, Joseph D.**, (CPT) (M91) HHT 2/6 Cavalry Squadron, CMR 416, Box 4, APO AE 09140. S: Anna Maria.

**Riedel, Kyle M.**, (CPT) (M85) HHC, 5-158 Aviation, Box 106, Unit 26439, APO AE 09182. Dy: HHC Company Commander, Giebelstadt, Germany. Rtg: AA. RW Qual. Time: 600 Hrs. Life Member.

**Ridensaw, Alyn J.**, (CPT) (M87) (A) 3132 Joyce Drive, Orlando, FL 32827. Dy: (407) 623-3552. Res: (407) 857-1643. S: JoAnn. Dy: C Co, MI Bn, (L), Orlando, FL. Rtg: AA. RW Qual. RW Qual. Time: 650 Hrs.

**Ridley, Jeffrey**, (2LT) (M93) (Rid) CMR 2, Box 12167, Fort Rucker, AL 36362. Res: (205) 393-0976.

**Riedel, Kyle M.**, (1LT) (M91) 94-983 Mulhain Street, Milani, HI 96789. Dy: (808) 636-2636. Res: (808) 625-9225. Dy: H Co, (808) Avn Regt, 25th Inf Div, Schofield Barracks, HI. Rtg: MTP. RW Qual. Time: 630 Hrs.

**Riggins, George W.**, (1LT) (M85) (Riggo) 705

Overton Drive, Clarksville, TN 37042. Dy: Assistant S-3, 2/101st Avn Regt, Fort Campbell, KY. RW Qual. Time: 350 Hrs.

**Ripp, Edward J.**, (1LT) (M91) D Co., 502nd Avn, Unit 29701, Box 150, APO AE 09028. S: Mary. Dy: Pl Ldr, Mannheim, Germany. RW Qual. Time: 350 Hrs.

**Ritterbach, June M.**, (2LT) (M92) P.O. Box 153, Fort Rucker, AL 36362. Dy: (205) 255-5226. Dy: Panama.

**Rivers, Ricardo M.**, (CPT) (M91) (Ric) O Troop 4/11 ACR, Unit 20804, Box 17, APO AE 09146. S: Maria. Dy: Commander, RW Qual. Time: 1,020 Hrs. Treasurer, Thunderbolt Chapter.

**Rizzi, Glenn A.**, (CPT) (M85) 4-11 ACR, Box 249, APO AE 09146. S: Sheila. Dy: Asst S-3, Co, USAREUR Air Assault School. Rtg: AA IP. RW Qual. Time: 1,500 Hrs.

**Roberts, Joel E.**, (CPT) (M87) (Joe) P.O. Box 646, Fort Huachuca, AZ 86613. Dy: (602) 538-2807. S: Tish. Dy: A Co, 309th MI Bn, Fort Huachuca, AZ. Rtg: AA. RW Qual. RW Qual. Time: 1,000 Hrs./Cdt 50 Past Chapter Officer.

**Robertson, James M.**, (CPT) (M85) (Jim) D Trp, 5-17 Cav, Unit 15038, Box 84, APO AP 96224-0217. S: Mary. Dy: Troop Commander, Camp Myles, Korea. Rtg: SAA IP. RW Qual. Time: 1,300 Hrs. Vp, Membership Enrollment, Wings Of The Warriors.

**Robinson, Keith W.**, (CPT) (M85) (Mike) Wings of Mame VP Troop, HHC 48th, CMR 454 Box 2362, APO AE 09250. S: Mary Ann. Dy: Bde Assistant S3, Katterbach, Germany. Rtg: AA. RW Qual. Time: 850 Hrs.

**Rodden, Jonathan D.**, (CPT) (M87) 3429 Chaney Lane, Clarksville, TN 37042. Dy: (615) 798-7942. S: Silvia. Dy: Avn Bde S3/Trg, Fort Campbell, KY. RW Qual. Time: 1,100 Hrs.

**Rodgers, David P.**, (CPT) (M84) USA PEP-UK, Box 100, APO AE 09460. S: Catherine. Dy: IP, Exchange Off, with British Forces, 670 Sqdn, Middle Wallop UK. Rtg: AA. RW Qual. Time: 1,200.

**Rombough, Douglas H.**, (CPT) (M87) (Doug) 4424 Mayfield Court, Apt. 2, Fort Worth, TX, AK 99703-1049. Dy: (907) 353-1046. Res: (907) 356-2817. S: Kathryn. Dy: Co Cdr, D/4-123. Rtg: MTP. RW Qual. Time: 1,175 Hrs.

**Root, Molly A.**, (CPT) (M86) 612 Wildwood Drive, Enterprise, AL 36333. S: Michael. Dy: Aviation Propensity, Fort Rucker, AL.

**Rose, Michael S.**, (CPT) (M84) (Mike) 6 Kiddy Road, Savannah, GA 31419. Dy: (912) 362-4944. Res: (912) 427-8439. S: Judy. Dy: XO, 3/160th SOAR(A), Hunter AAF, GA. Rtg: SAA. RW Qual. Time: 2,100 Hrs./Cdt 70

**Rountree, Derek R.**, (CPT) (M92) C Troop, 6-6 Cavalry, CMR 416, APO AE 09140. S: Lee Anne. Dy: HHC, 11th Avn Bde XO. RW Qual. Time: 550 Hrs./Cdt 135 AM/1.

**Rouse, James D.**, (2LT) (M92) (Jim) 140 B Gunter Lane, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 393-1659. Dy: Flight School Student, D Co, 1/145th Avn.

**Rude, Thomas E.**, (2LT) (M92) (Tom) Building 119, Suite 601, Fort Rucker, AL 36362-3000. Dy: (205) 255-5226. Res: (205) 598-5074. Dy: Student, D Co, 1/145th Avn Regt. RW Qual. Time: 160 Hrs.

**Ruedisuel, John P.**, (1LT) (M92) (Rud) B Co, OSB, CMR 2, Fort Rucker, AL 36362. S: Catherine. Rtg: MTP. RW Qual. Time: 300 Hrs.

**Ruhlen, Brent D.**, (1LT) (M91) 924 Whitcomb

Drive, Fayetteville, NC 28311. Dy: (919) 396-2565. Res: (919) 822-6296. Dy. Ft. Ldr. C Co, 2162 Avn. Ft. Bragg. Rtg: AA. RW Qual. Time: 400 Hrs.

**Ryder, Stephen K., (CPT) (P) (M89) (Steve)** 709 Marselles Street, Virginia Beach, VA 23459-1106. Dy: (804) 422-7182. Res: (804) 491-9672. S: Michele. Dy: Automation Off. Joint Logistics Over the Shore, Fort Story, VA. Rtg: SAA MTP. RW Qual. Time: 1,200 Hrs.

**Rymal, Ruth M., (CPT) (M82)** 5256 Fernwood Way, Sacramento, CA 95841. Dy: Co XO, A Co, 3558th ATC, Westbaden Air Base, Germany. RW Qual. Time: 200 Hrs.

## SSSSSSSS

**Sabatino, Philip A., (CPT) (M83) (Phil)** 204 Seay Street, Enterprise, AL 36330. Dy: (205) 255-6118. Res: (205) 363-0579. S: Penette. Dy: Co. Cdr. Fort Rucker Air Assault School. RW Qual. Time: 675 Hrs.

**Sabb, Anthony, (CPT) (M82) (Tony)** P.O. Box 533, Fort Rucker, AL 36362. Dy: (205) 255-3344. Res: (205) 598-4212. S: Denis. Dy: A1-145th Avn Regt. Rtg: AA. RW Qual. Time: 969 Hrs./Cdt 125 AM2.

**Salsar, John M., (CPT) (M88) (Mark)** 86 Grassline Drive, Clarksville, TN 37042. Dy: (502) 738-9623. S: Cindy. Dy: 2160th SOAR (A), Fort Campbell, KY. Rtg: AA. RW Qual. Time: 1,100 Hrs.

**Salter, David E., (CPT) (M88) (David)** 180 Crater Woods Court, Petersburg, VA 23805. Dy: (804) 245-4737. Res: (804) 732-1518. S: Charlene. Dy: Combined Logistics Officers Advanced Course, Fort Lee, VA. Rtg: AA TP MTP. Time: 680 Hrs.

**Sattorilo, Steven K., (CPT) (M80) (Steve)** 802 Tulsa Court, Fayetteville, NC 28311. Dy: (919) 396-8008. Res: (919) 630-2741. S: Susan. Dy: Asst S3, 417th Cav. Rtg: AA. RW Qual. Time: 700 Hrs.

**Saukkonen, Rex E., (2LT) (M82) (Rex)** 17 Fowler Lane, Fort Rucker, AL 36362. Dy: (205) 255-5226. Res: (205) 598-3168. S: Kate. Dy: D-1-145th Avn. Rtg: AA. RW Qual. Time: 1,050 Cdt 75 AM1.

**Saunders, Robert S., (CPT) (M82) (Sorcotel)** 116 Bailey Drive, Grafton, VA 23682. Dy: (804) 678-1642. Res: (804) 698-9891. S: Harriett. Dy: Chief Maintenance Management Division, Fort Eustis, VA. Rtg: SAA IP. RW Qual. Time: 2,400 Hrs./Cdt 30 AM1.

**Savage, Wade R., (CPT) (M85) (Wade)** 129 Hagen Street, Fort Bragg, NC 28307. Dy: (919) 396-3109. Res: (919) 668-6382. S: Ronald. Dy: Company Commander, E Co, 1/158th Avn Regt, 18th Avn Bde. Rtg: SAA TP. RW Qual. Time: 1,050 Cdt 75 AM1.

**Schaefer, Michael P., (1LT) (M82) (Mike)** 3404 Grenadine Drive, Fayetteville, NC 28306. Dy: (919) 396-5040. Res: (919) 424-6630. S: Lisa. Dy: Fort Bragg, NC. RW Qual. Time: 350 Hrs.

**Scherler, Patrick D., (2LT) (M91) (Hoss)** R 2, Box 58, Wadena, MN 56482. Res: (218) 631-2191. Dy: Liaison Officer, Camp Starkey, Korea. Rtg: AA. RW Qual. Time: 380 Hrs.

**Schley, Mark A., (CPT) (M91) (Mark)** 19 Via Ladera, Monterey, CA 93940. Res: (408) 372-2746. S: Jody. Dy: Student, Naval Postgraduate School, Monterey, CA. RW Qual. Time: 350 Hrs.

**Schmacker, Eric R., (2LT) (M82) (Eric)** 1001 Twin Creek Drive, Aft 1411, Killeen, TX 76543. Dy: (817) 298-1987. Res: (817) 699-1712. Dy: Co. A, 4222th Avn Regt, 7th Cav, Fort Hood, TX.

**Schodowski, Michael L., (CPT) (M85) (Shadow)** 729 Eton Court, Gretna, LA 70056-8202. Res: (504) 344-4497. S: Silvia. Dy: US Army Student Detachment w/Iduty Tulane University, New Orleans, LA. Rtg: AA. RW Qual.

# S Aviation Officer Directory

**Schoneboom, Brad L., (CPT) (M89) (HHT)** 2-6 Cavalry, BMR 416, Box 157, APO AE 09140. S: Wood. Dy: Ilesheim G.A. Rtg: AA. RW Qual. Time: 500 Hrs./Cdt 30 AM1/V.

**Schoolcraft, David E., (CPT) (M87) (Davy)** 1817 Ruby Lane, Harker Heights, TX 76543. Dy: (817) 287-6890. Res: (817) 698-6643. S: Desi. Dy: Det Cdr, C Co, 4222nd Avn, Soto Cano, Honduras. Rtg: AA. RW Qual. Time: 500 Hrs./Cdt 6

**Schultz, Robert R., (CPT) (M86) (Bob)** 3301 El Sobrante, San Mateo, CA 94403-3714. Res: (415) 574-2143. S: Isis. Dy: Dept of Aero/Astro, Stanford University. Rtg: SAA. RW Qual. FW Qual. Time: 1,170 Hrs./Cdt 90 AM1.

**Schunett, Louis P., (CPT) (M91) (Lou)** 227 Tunisia Road, Fort Ord, CA 93941-1640. Dy: (408) 242-5142. Res: (408) 899-0675. S: Sandy. Dy: S-3, HHC Avn, Brigade, 7th ID (L). Rtg: AA. RW Qual. Time: 700 Hrs.

**Schuster, Eric K., (CPT) (M83) (Eric)** 139 Blackman Street, Apt. B, Clarksville, TN 37040-3950. Dy: (502) 738-4045. Res: (615) 648-6040. Dy: Asst. S3 Avn Bde, HHC Avn Bde, 101st Avn. Div. RW Qual. Time: 667 Hrs.

**Schwartz, Thomas E., (1LT) (M89) (Tom)** 15 Melody Lane, Stockbridge, GA 30281. Res: (404) 474-2080. S: Angela. Dy: Advanced Course, Fort Rucker, AL. Rtg: AA. RW Qual. Time: 550 Hrs./Cdt 35 AM1.

**Schwitzer, Steven J., (1LT) (M91) (Steve)** 1121 West 29th Avenue, Anchorage, AK 99518. Dy: (907) 384-2523. Res: (907) 349-8021. S: Wendy. Dy: B4-123rd. Rtg: AA. RW Qual.

**Seamans, Gregory, (CPT) (M84) (Spke)** 47 Logan Street, Fort Rucker, AL 36362. Dy: (205) 255-2387. Res: (205) 598-3678. S: Tammy. Dy: Ops Off, Avn Trng Bde, Rtg: SAA P. RW Qual. Time: 1,400 Hrs.

**Selber, Eric A., (CPT) (M87) (Eric)** 2225-B Wheeler, Killeen, TX 76542. Dy: (817) 288-1028. Res: (817) 634-0133. S: Deborah. Dy: Cdr, C Troop, 1/7th Cav, Fort Hood, TX. Rtg: AA. RW Qual. Time: 650 Hrs. Past Chapter Officer.

**Selosse, Gilberto, (CPT) (M90) (Tito)** 517 Old Newton Road, Daleville, AL 36322-9405. Dy: (205) 255-6541. Res: (205) 598-5060. S: Mary Beth. Rtg: IP. RW Qual. Time: 800 Hrs.

**Senters, Michael, (CPT) (M87) (Mike)** 1805 Moonlight Drive, Killeen, TX 76543. Dy: (817) 287-2755. Res: (817) 690-8418. S: Doris. Dy: Combat Aviation Training Bde, Fort Hood, TX. Rtg: SAA. RW Qual. Time: 1,000 Hrs.

**Severance, Mark C., (CPT) (M86) (Mark)** 3155 Anabel Avenue, Evans Mills, NY 13637-9745. Dy: (915) 772-3639. Res: (315) 629-4889. S: Carol Ann. Dy: Co Cdr, B Co, 2-25th Avn Helicopter Bn, Fort Drum, NY. RW Qual. Time: 1,000 Hrs.

**Sewall, Robert D., (CPT) (M83) (Bob)** 545 Sprucewood Road, Fairbanks, AK 99708. Dy: (907) 353-6648. Res: (907) 479-5682. S: Sina. Dy: Division Maint. Officer, GA, HHC, 6th ID. Rtg: AA MTP. RW Qual. Time: 920 Hrs.

**Seymour, Scott T., (2LT) (M91) (A Co)** 5199th Avn Regt, Unit 26444, APO AE 09182.

**Shenk, Michael L., (CPT) (M88) (Mike)** 307 Brook Meadow Drive, Clarksville, TN 37042. Dy: (502) 798-7935. Res: (615) 652-2064. S: Julianne. Dy:

Asst S-3, 101st Avn Bde, 101st Airborne Div (Air Assault). Rtg: AA. RW Qual. Time: 498 Hrs./Cdt 62 AM1. Past Chapter Officer.

**Sherlock, Nancy J., (CPT) (M83) (Nancy)** 1707 Mabry Mill Road, Houston, TX 77062-2087. Dy: (713) 244-8710. Dy: Astronaut, NASA-USC. Rtg: SAA SIP. RW Qual. FW Qual. Time: 2,900 Hrs.

**Sherrell, Chandler C., (CPT) (M86) (Sho)** Taton Chapter Sr. VP, HHT 2-6 Cav/CMR 416/B, 14 Avn, APO AE 09140. S: Laurel. Dy: HHT Cdr, 2-6 Cav, Ilesheim, Germany. Rtg: AA. RW Qual. Time: 750 Hrs./Cdt 75 AM2, IV.

**Shirley, Robert G., (CPT) (M90) (224)** Woodfield Place, Enterprise, AL 36330. Dy: (205) 255-2300. S: Jennifer. RW Qual. Time: 490 Hrs./Cdt 50 AM2.

**Shoemaker, Brian D., (2LT) (M91) (Shoe)** 305 Judy Lane, Apt. 2914, Coppens Cove, TX 76522. Dy: (817) 287-9616. Res: (817) 547-6019. Dy: Asst S-4 Avn Bde, 1st Cav Div. RW Qual. Time: 150 Hrs.

**Shoop, Brian P., (CPT) (M87) (Bri)** 95-028 Kahoa Street, No. 162, Milani, HI 96789. Dy: (808) 655-0219. Res: (808) 625-1878. S: Bobbi. Dy: Cdr, HHC, 125th Avn Regt (AB). Rtg: AA. RW Qual. Time: 750 Hrs. 9E AAAA Det Grd.

**Shotts, Christopher, (CPT) (M87) (Chris)** 5880 Nutbush Place, Fayetteville, NC 28314. Dy: (919) 436-7702. Res: (919) 688-4908. S: Tamara. Dy: XVII Airborne Corps, HQ, Fort Bragg, NC. Rtg: AA. RW Qual. Time: 520 Hrs./Cdt 6

**Siebor, Anthony J., (2LT) (M82) (P.O.)** Box 904, Fort Rucker, AL 36362. Dy: (205) 598-5226. Res: (205) 598-2565. S: Barbara F. Dy: Student Pilot. RW Qual. Time: 200 Hrs. AM5.

**Sileo, Andrew A., (CPT) (M91) (Andy)** A Co, 603 ASB, CMR 454, Box 2720, APO AE 09250-5000. S: Laurie. Dy: Production Control Officer, A Co, 603 ASB. Rtg: MTP. RW Qual. Time: 700 Hrs. AM1.

**Simmons, Henry L., (CPT) (M80) (P.O.)** Box 3696, Milant, HI 96789. Dy: (808) 656-3110. Res: (808) 623-6310. S: Kathy. Dy: Cdr, D Tnp, 59 Cav, Wheeler Army Airfield, HI. Rtg: MTP. RW Qual. Time: 900 Hrs./Cdt 16 AM1.

**Sims, Ricky R., (CPT) (M82) (Rick)** 23 Donovan Lane, Fort Rucker, AL 36362. Dy: (205) 255-2965. Res: (205) 598-1215. S: Cindy. Dy: Cdr, HHC 1-10 Avn Regt. Rtg: AA. RW Qual. Time: 840 Hrs.

**Sinobin, Melvin C., (1LT) (M82) (Mel)** 105 North Harris Drive, Fort Rucker, AL 36362. Dy: (205) 255-6280. Res: (205) 598-8523. S: Rose. Dy: Aeromedical Evaluation Officer, USAAMC-AAD (Falcon). RW Qual. Time: 150 Hrs.

**Slatis, Lonnie E., (1LT) (M83) (Lonnie)** 4220 Loma De Cobre, El Paso, TX 79934. Dy: (915) 566-8055. Res: (915) 821-3609. S: Rebecca. Dy: AvnM Trng, 43 ACR, Fort Bliss, TX. Rtg: MTP. RW Qual. FW Qual. Time: 500 Hrs.

**Slagle, Joel J., (CPT) (M86) (A Company)** 2-227th AHS, Unit 20195, Box 1726, APO AE 09165. S: Kimberly. Dy: Company Commander, Hanau Germany. RW Qual. Time: 600 Hrs./Cdt 25 AM2.

**Slapway, George M., (1LT) (M91) (Matt)** 11008 Felton Court, Orlando, FL 32825. Dy: (407) 623-3568. RW Qual. FW Qual. Time: 600.

**Slattery, Michael P., (CPT) (M88) (Stats)** 572 Asa Lane, Clarksville, TN 37042. Dy: (502) 798-6633. Res: (615) 645-3407. S: Karen. Dy: Project Pilot MH47E/MH60K. Rtg: SAA P. RW Qual. Time: 2,500

**Sloum, Michael L., (1LT) (M82) (Mike)** 3274 Liberty Lane, Evans Mills, NY 13637. Dy: (315) 772-3143. Res: (315) 629-0819. S: Kim. Dy: Assistant S3, HHT, 317 Cavalry, Fort Drum, NY. RW Qual. Time: 517 Hrs.

**Stowinski, Michael K.**, (1LT) (M91) (Mike) 313 Sorrel Drive, Copperas Cove, TX 76522. Dy: (817) 287-9100. Res: (817) 547-1707. S: Shea. Dy: Asst 2nd S-3, 1/7 Cav. RW Qual. Time: 300.

**Smith, Jonathan J.**, (CPT) (M87) (Jon) 136A Dunbar Court, West Point, NY 10986. Dy: (914) 938-2586. Res: (914) 446-7838. S: Joyce. Rtg: AA. RW Qual. Time: 700 Hrs./Cdt 50 AM/1.V.

**Smiley, Richard T.**, (CPT) (M92) 907 Sable Drive, Clarksville, TN 37042. Dy: (502) 798-4015. Res: (615) 645-5798. S: Carolyn. Dy: HHC 4-101st. RW Qual. RW Qual. Time: 1,062.

**Smith, Bruce G.**, (CPT) (M92) 83 Red Fox Drive, Savannah, GA 31419. Dy: (912) 362-6583. S: April. RW Qual. Time: 950 Hrs.

**Smith, Christopher**, (CPT) (M85) (Chris) 804 Kansas Avenue, Alma, KS 66401-9506. Dy: (913) 238-3607. Res: (913) 765-3735. S: Krystal. Dy: Cdr. E Troop, 1-4 Cavalry, Fort Riley, KS. Rtg: MTP. RW Qual. Time: 850 Hrs./Cdt 50 AM/1.

**Smith, Dennis D.**, (CPT) (M89) 19 Donovan Lane, Fort Rucker, AL 36362. Dy: (205) 255-4868. Res: (205) 596-4858. S: Terri. Dy: Advance Course, A Co, 1-145th. Rtg: AA. Time: 725 Hrs./Cdt 48 AM/2.

**Smith, Michael J.**, (1LT) (M92) (Mike) 76003 Crockett Street, Fort Hood, TX 76544. Dy: (817) 287-6852. Res: (817) 539-8104. S: Charmaine. Dy: XO, HHC, AB 100, Fort Hood, TX. RW Qual. Time: 460 Hrs./Cdt 22 AM/1.

**Smith, Robert D.**, (1LT) (M91) (Rob) 5104 Juliana, El Paso, TX 79924. Dy: (915) 566-8896. Res: (915) 751-8699. S: Denise. Dy: R Tnp, 43 ACR. RW Qual. Time: 400 Hrs.

**Smith, Rodney**, (CPT) (M92) (Rod) 11228 Thundercloud, El Paso, TX 79936. Dy: (915) 569-9053. Res: (915) 778-5484. S: Michelle. Dy: Asst S-3, 4th Sgtn, 3d ACR, Fort Bliss, TX. Rtg: SAA. RW Qual. Time: 1,025 Hrs.

**Smith, Stanley O.**, (CPT) (M92) (Stan) 5948 Dalton Road, Fayetteville, NC 28314. Dy: (919) 306-5992. Res: (919) 867-9193. S: Lisa. Dy: XO, D Co (AVIM), 82nd Avn, Fort Bragg, NC. Rtg: MTP. RW Qual. Time: 550 Hrs.

**Smith, Stephen C.**, (CPT) (M85) (Sparky) 5598 Ashgrove Drive, Fayetteville, NC 28311. Res: (919) 488-8254. S: Ann. Dy: S-3, 3/229 (Avn) ATK, Fort Bragg, NC. Rtg: SAA P. RW Qual. Time: 1,850.

**Smith, Todd L.**, (CPT) (M89) 694 Stockbridge Drive, Fayetteville, NC 28311. Dy: (919) 396-9077. Res: (919) 488-9284. S: Kathy. Dy: S-4, Rgt. MTP. RW Qual. Time: 625 Hrs./Cdt 26 AM/1. Past Chapter Officer.

**Snowden, Bradford L.**, (CPT) (M89) (Brad) 1141 Lighthouse Avenue, Act. 121, Pacific Grove, CA 93950. Dy: (408) 242-7205. Res: (408) 649-5499. S: Amy. Dy: Avn Officer, 31/23rd Avn Regt, Commander, HHG-3 123rd Avn, Fort Ord. RW Qual. Time: 840 Hrs./Cdt 85 AM/1.

**Snyder, Warren**, (1LT) (M91) 8101 Peck, I-62, Anchorage, AK 99504. Dy: (907) 384-2527. Res: (907) 337-6757. S: Sonya. Dy: Air Assault Platoon Ldr, B-4123rd Avn, Fort Richardson, AK. Rtg: AA. RW Qual. Time: 300 Hrs.

**Soler, Nancy A.**, (CPT) (M88) Route 1, Box 191, Chancellor, AL 36318. Dy: (205) 255-2454. Res: (205) 347-2311. S: John. Rtg: AA TP MTP. Time: 950 Hrs.

**Solms, Timothy B.**, (CPT) (M91) (Tim) 535 N. May Street, Southern Pines, NC 28387. Dy: (919) 396-6665. Res: (919) 692-8182. S: Karen. Dy: Asst S-3, 1-229th ATKHB, Fort Bragg, NC. RW Qual. Time: 420 Hrs.

## T Aviation Officer Directory

**Solomon, Dempsey D.**, (CPT) (M83) (Dempsey) 1039 B Dremann Park, Fort Campbell, KY 42223. Dy: (502) 798-9121. S: Cindy. Dy: SO4A Tm, HHC, 16th SOAR (A). Rtg: SAA TP. RW Qual. RW Qual. Time: 1,900 Hrs.

**Sosa, Thomas J.Jr.**, (CPT) (M83) 5 Fairview Street, Windsor Locks, CT 06096. Res: (203) 623-1635. Rtg: SAA. RW Qual. Life Member.

**Souza, Mark K.**, (CPT) (M85) 3627 Everett Road, Manhattan, KS 66502. Dy: (913) 239-5561. Res: (913) 587-0492. S: Kerry Lee. Dy: HHC/MMC Aviation DISCOM. Rtg: MTP. RW Qual. RW Qual. Time: 800 Hrs.

**Spencer, Thomas F.**, (CPT) (M91) (Tom) 1515 Purple Sage Court, Colorado Springs, CO 80906-6303. S: Wendy. Dy: 4th CAB, Fort Carson, CO. RW Qual. Time: 275 Hrs.

**Sperling, Brian K.**, (1LT) (M92) (Brian) D Troop, 11 Cavalry, CMR 401, Box 115, APO AE 09076. S: Joanne. Dy: Budingen, Germany. RW Qual. Time: 450 Hrs./Cdt 110 AM/1.V.

**Starzmann, Gary E.**, (1LT) (M91) 1610 Armour Drive, Apt. 1B, Leesville, FL 71448. Dy: (318) 531-4757. Res: (318) 239-9680. Dy: Scout Platoon Leader, D Co, 2/1 Cavalry, Fort Polk, LA. RW Qual. Time: 250 Hrs.

**Stauss, Thomas H.**, (CPT) (M91) 2004 Theresa Circle, Harker Heights, TX 76543. Dy: (817) 269-3632. Res: (817) 686-3002. Dy: 4-6 Cav, Fort Hood. RW Qual. Time: 400 Hrs.

**Steed, Ray D.**, (CPT) (M90) 75021 Onand Boulevard, Fort Hood, TX 76544. Dy: (817) 288-3770. Res: (817) 589-4331. S: Carol. Dy: Cdr, HST, 4-6 Cav, Fort Hood, TX. Rtg: SAA. RW Qual. Time: 1,250 Hrs.

**Stewart, Daniel S.**, (CPT) (M90) 5681 Dowkie Ave, Ewa Beach, HI 96706. Res: (808) 499-1122. S: DeLana. Dy: Cdr, B/214th Avn Regt (CH-47), MAS Barbers Point, HI. Rtg: SAA. RW Qual. Time: 1,000.

**Stiems, Eric J.**, (1LT) (M91) HQ Troop, 4/11 ACR, Unit 28004, Box 554, APO AE 09146. S: Anna. Dy: Squadron Maintenance Officer, Fulda, Germany. RW Qual. Time: 500 Hrs.

**Stiller, Albert H.**, (1LT) (M91) (Al) 3423 Chaney Lane, Clarksville, TN 37042. Dy: (501) 798-7043. Res: (501) 431-9078. S: Melissa. Dy: Plt Ldr, HHG-3 101st. RW Qual. Time: 500 Hrs.

**Stiner, Mark T.**, (2LT) (M83) 507 Bhanwood Drive, Apt. 6C, Enterprise, AL 36330. Res: (205) 347-9737. Dy: Right School.

**St. Jean, Albert C.**, (CPT) (M90) (Chris) 574-B Fomey Loop, Fort Belvoir, VA 22060. S: Sarah. Dy: Combat Arms Training Staff Officer, USA Training Support Cmd., Rtg: AA. Time: 1,200 Hrs. Past Chapter Officer. St Michael's Award.

**Stokes, Brian J.**, (2LT) (M91) PSC 01, Box 1472, APO AA 34001-5000. Dy: B Co, 1/228th Avn, Fort Kobbe, Panama. RW Qual. Time: 300 Hrs.

**Stokes, David L.**, (CPT) (M85) (Dave) 35W160 Butlerfield Road, Batavia, IL 60510. Res: (708) 896-7504. Dy: B Co, MI Bn (LT), Honduras. Rtg: AA IP. Time: 2,000 Hrs. Life Member.

**Storrs, Benjamin J.**, (CPT) (M88) (Thunder) 1304 A Werners Park, Fort Campbell, KY 42223. Dy: (502) 798-4722. Res: (615) 431-6268. S: Joie. Dy: Asst S3, G-101 Avn Regt, Fort Campbell, KY. Rtg: AA.

RW Qual. Time: 503 Hrs./Cdt 23 AM/2.

**Storms, Russell L.**, (CPT) (M89) (Russ) HHG-5501st Aviation, Unit 15567, APO AP 96257-0626. Dy: Company Commander, HHG-5501st Avn, Camp Eagle, Korea. Rtg: AA. RW Qual. Time: 700 Hrs.

**Stull, Alan M.**, (CPT) (M91) 205 Brookway Drive, Kileen, TX 76542. Dy: (817) 287-9944. Res: (817) 628-2844. S: Lori. Dy: Cdr, D Troop, 16 Cav. Rtg: SAA. RW Qual. Time: 1,400 Hrs. AM/1.

**Sultz, Janet M.**, (CPT) (M90) 94-1084 Hazlett Street, Wapahua, HI 96797. Dy: (808) 865-8563. Res: (808) 678-0911. S: Wayne. Dy: Chief, Aviation Section, RW Qual. RW Qual. Time: 600 Hrs.

**Sutton, Douglas M.**, (CPT) (M91) (Doug) 31 Olsen Drive, Fort Rucker, AL 36362. Dy: (205) 255-3344. Res: (205) 588-9373. S: Monica. Dy: Small Gp Instructor, A/1-145th. Rtg: AA. RW Qual. Time: 1,007 Hrs./Cdt 13 AM/1.

**Swanson, Michael J.**, (CPT) (M92) 6385 Hawfield Drive, Fayetteville, NC 28303-2025. Dy: (919) 396-5541. Res: (919) 487-1669. S: Michelle. Dy: Cdr, B/2-229th AHR. Time: 1,025 Hrs.

**Swartz, Paul R.**, (CPT) (M84) 201 Woodlawn Drive, Enterprise, AL 36330. Dy: (205) 255-2234. Res: (205) 383-4704. S: Jan. Dy: Avn Test Bed Tech Onsite Rep. Rtg: AA TP. Time: 800 Hrs.

**Switzer, Michael R.**, (CPT) (M85) (Switz) Wings of Warriors VP Avds, B Co, 1-2d Avn, Unit 15433, APO AP 96257-0479. Dy: Company Commander (Attack Co.), B Co. Rtg: SAA. RW Qual. Time: 1,500 Hrs. Life Member.

**Szeman, Edward M.**, (CPT) (M86) (Mickey) 502 Turtle Back Cove, Kileen, TX 76542-2674. Dy: (817) 287-9828. Res: (817) 634-7047. S: Becky. Dy: Commander, C Troop, 3rd Sgtn, 6th Cav Regt, RW Qual. Time: 650 Hrs. AM/1. Past Chapter Officer.



**Talents, Michael J.**, (CPT) (M87) 3758 Cloverbrook Drive, Clarksville, TN 37040. S: Tamela. Dy: F Co, 1st Bn, 160th SOAR, Fort Campbell, KY. Rtg: MTP.

**Tanner, Charles K.**, (CPT) (M89) (Chuck) 7114 Comanche Ridge, Converse, TX 78109. Dy: (210) 650-0754. S: Loli. Dy: Aeromed Evac Officer/Student, Army Baylor Course, A Co, 187th Med Bn. Rtg: SAA. RW Qual. Time: 1,700 Hrs.

**Tate, Frank W.**, (CPT) (M92) (Frank) 2705-9 Preston Woods, Fayetteville, NC 28304. Dy: (919) 396-8180. Res: (919) 433-4338. Dy: Commander, C Troop, 4-17th Cavalry, Fort Bragg, NC. RW Qual. Time: 700.

**Taylor, Anthony D.**, (CPT) (M90) (Tony) 118 River Side Drive, Orlando, FL 32817. Dy: (407) 823-3558. Res: (407) 277-2124. Dy: Mission Operations Officer, MI Intel Bn. Rtg: AA. RW Qual. Time: 500 Hrs.

**Taylor, Brian H.**, (2LT) (M92) 0 to M, Dodge, P.O. Box 313, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 774-1024. Dy: D Co, 1/145th. RW Qual. Time: 1,387 Hrs.

**Taylor, Mark C.**, (CPT) (M87) 144 Bordeaux Lane, Savannah, GA 31419. Res: (912) 921-0019. S: Jill. Dy: Assistant Bde S-3, 24th ID (M), Hunter Army Airfield, GA. Rtg: AA. RW Qual. Time: 550.

**Taylor, Pamela C.**, (CPT) (M85) (Pam) HHC, 12 Avn. Bde., Unit 29632, Box 245, APO AP 09006-5000. S: Barry. Dy: Operations/Force Reduction, Westabon Air Base, Rtg: AA. RW Qual. Time: 600 Hrs.

**Tewes, Laura L.**, (CPT) (M89) (Laura) B Co, 3rd MI (AE), Box 1220, Unit 15219, APO AP 96271-0154. S: Vincent. Dy: Maintenance Officer.

Rtg: AA, RW Qual, FW Qual, Time: 890.

**Theller, Hugh A.**, (1LT) (M91) (Huey) A Co, 3-1 Aviation, CMR 454, Box 1993, APO AE 09250. S: Kelle. Dy: Scout Platoon Leader, Ansbach, Germany. Rtg: AA, RW Qual. Time: 420 Hrs.

**Thoma, Brian L.**, (CPT) (M89) (Briam) A Co, 2-1 Aviation, CMR 454, Box 1777, APO AE 09250. S: Theresa. RW Qual. Time: 750 Hrs.

**Thoma, Mild H.**, (2LT) (M91) A Co, 1-501st Avn (K-16), Box 636, Unit 15238, APO AP 96205-0011. Dy: Helicopter Pilot, Conroe. RW Qual. Time: 300.

**Thompson, Brian L.**, (1LT) (M89) 9 MarkHam Street, Fort Bragg, NC 28307. Dy: (919) 969-1771. Res: (919) 960-9798. S: Annetta. Dy: Scout Plt Ldr, C Co, 2-82nd Avn, 82nd Abn. Rtg: AA MTP. RW Qual. Time: 600 Hrs.

**Thompson, Perin K.**, (1LT) (M92) (Keith) 1416 Northwick Court, Little Rock, AR 72207. Res: (501) 225-8352. S: Elizabeth. Dy: AVDAC, Fort Rucker. RW Qual. Time: 400 Hrs.

**Thompson, Scott B.**, (CPT) (M89) HHC 3-227 Aviation Regt., Unit 20196, APO AE 09165. S: Cathy. Dy: Co. Cdr. RW Qual. Time: 1,020 Hrs.

**Thomson, Mark H.**, (1LT) (M91) 7-1 Aviation, CMR 454, Box 3016, APO AE 09250. S: Michele. Dy: Plt Ldr, B Co, 7-1 Avn. RW Qual. Time: 270.

**Tiie, Edwin R.**, (CPT) (M89) (Ed) P.O. Box 620257, Fort Rucker, AL 36362. Res: (206) 255-2086. Res: (206) 589-6025. S: Jeanette. Dy: Cdr. HHD, 1212th Avn Regt, Fort Rucker, AL. Rtg: IP. RW Qual. Time: 900 Hrs.

**Tielder, Bobby R.**, (CPT) (M89) (Ray) 2111 Sison Hill Road, Easley, SC 29640. Res: (803) 220-1640. S: Frances. Dy: Graduate Student, Clemson University. Rtg: SAA. RW Qual. FW Qual. Time: 1,200.

**Todd, Thomas H.**, (1LT) (M90) 2603 Woodlands Drive, Kileen, TX 76542. Dy: (817) 287-6988. Res: (817) 526-8025. S: Tracy. Dy: D Troop Cdr.

**Tolmochko, Mark A.**, (CPT) (M88) (Haw) 7068 Toluino Drive, Fayetteville, NC 28314-1219. Dy: (919) 432-5238. Res: (919) 867-8428. Dy: Bde Acct S3, 82nd Avn Bde, 82nd Abn, Fort Bragg, NC. Rtg: AA, RW Qual. Time: 750 Hrs.

**Toumanian, Steven A.**, (CPT) (M89) (Steve) 910 Gay Lane, Hopkinsville, KY 42240-9369. S: Juliana. Dy: Co Commander, Fort Campbell, KY. Rtg: AA, RW Qual. Time: 950 Hrs./Cdt 50 AMV.

**Trang, Jeffrey A.**, (CPT) (M85) 6874 Lindbergh Drive, Edwards AFB, CA 93523. Dy: (805) 277-4784. Res: (206) 258-9431. S: Dianna. Dy: Experimental Test Pilot-US Army AOTD. Rtg: SAA TP. RW Qual. FW Qual. Time: 1,500 Hrs.

**Trankovich, John J.**, (CPT) (M90) (Trank) 63 Red Cloud Road, Fort Rucker, AL 36362. S: Cathy. Dy: Tactics Instructor, Fort Rucker, AL. Rtg: AA, RW Qual. Time: 775 Hrs./Cdt 39 AMV.

**Traylor, John M.**, (CPT) (M88) (J.T.) Route 3, 114 Valley View Drive, Enterprise, AL 36330. Dy: (206) 255-2342. Res: (206) 393-6503. S: Karole. Dy: Commander, HHD, 1-212th Avn Regt, Fort Rucker, AL. Rtg: AA, RW Qual. Time: 640 Hrs.

**Tuffie, Bruce J.**, (1LT) (M91) 734 8th Infantry Div Loop, Fort Wainwright, AK 99703. Dy: (907) 353-8244. Res: (807) 336-1351. S: Lana. Dy: C-228 Av, Fort Wainwright, AK. Time: 500 Hrs.

**Tullis, Steven A.**, (CPT) (M87) (Steve) Route 1, Box 1317, Kemper, TX 76539. Dy: (817) 287-7654. Res: (817) 547-4908. S: Sheri. Dy: Asst S-3, 15 MI Bn (AE), Fort Hood, TX. RW Qual. FW Qual. Time: 1,500 Hrs./Cdt 100 AMV.

**Turman, Thomas S.**, (1LT) (M91) (Tom) 814-A Ringold Street, Wahluwa, HI 96657. Dy: (808)

## W Aviation Officer Directory

656-1355. S: Tiffany. Dy: AH-1 Plt Ldr, Schofield Bks, HI. RW Qual. Time: 600 Hrs.

**Turner, Jason J.**, (1LT) (M91) (Thor) 1010-1 Chestnut Street, Fort Wainwright, AK 99703. Dy: (907) 353-7263. Res: (907) 366-1559. S: Anni. Dy: C Co, 228th Avn Regt, Fort Wainwright, AK. RW Qual. Time: 300 Hrs.

## UUUU-WVV

**Uiles, Robert J.**, (CPT) (M90) (Rob) 95-447 Holuula Loop, Milani, HI 96789-1032. Dy: (808) 656-2888. Res: (808) 823-4094. S: Kathy. Dy: Co Cdr, B Co, 1-25th Avn, Wheeler AAF, HI. Rtg: SAA. RW Qual. Time: 1,450 Hrs.

**Uhrath, Craig S.**, (1LT) (M91) A Troop, 6-6 Cavalry, CMR 416, Box 648, APO AE 09140. S: Melissa. Dy: Apache Platoon Leader, Ilesheim, Germany. Rtg: AA, RW Qual. FW Qual. Time: 700.

**Upchurch, Jeffrey A.**, (CPT) (M85) (Jeff) 106 Harand Creek Drive, Enterprise, AL 36330. Dy: (206) 255-5712. Res: (206) 347-4789. S: Pam. Dy: Bn XO, 1-14th Avn, Fort Rucker, AL. Time: 853 Hrs.

**Vacala, Paul B.**, (1LT) (M91) 33 Mustang Street, DeFollier, LA 70634. Dy: (918) 531-4444. Res: (918) 463-2945. S: Susan. Dy: C Troop, 2-1 Cav, Fort Polk, LA. RW Qual. Time: 430 Hrs.

**Vanasse, Meg**, (CPT) (M89) (Meg) P.O. Box 163, APO AP 96508-5000. Dy: (907) 873-4171. Res: (907) 869-3391. Dy: Commander, USAG Aviation Detachment, Fort Greely, AK. Rtg: AA, RW Qual. Time: 960 Hrs.

**Vandenbroek, Scott P.**, (CPT) (M93) (Scott) 19 Voltumo Street, Fort Bragg, NC 28307. Dy: (919) 366-8833. Res: (919) 960-9651. S: Mandy. Dy: USA Parachute Team, Avn Sec Cdr, Fort Bragg, NC. Rtg: SAA IP. RW Qual. FW Qual. Time: 2,850.

**Vannoy, John M.**, (2LT) (M91) 333C Quaker Avenue, Philadelphia, NY 13673-9779. Dy: (315) 772-3272. S: Amy. Dy: Attack Platoon Leader, 8 Trp, 3/17th Cav, Fort Drum, NY. Rtg: MTP. RW Qual. Time: 300 Hrs.

**VanWeelden, Douglas C.**, (1LT) (M91) (Doug) A Co, 2-227th Avn, Unit 20195, APO AE 09165. Dy: Platoon Leader, Hanau, Germany. RW Qual. Time: 225 Hrs.

**Venus, Helga**, (CPT/Plt) (M87) HHC, 7th MEDCOM, Unit 29218, Box 17, APO AE 09102. Dy: Health Services Material Officer, Heidelberg, Rtg: AA TP. RW Qual. Time: 1,250 Hrs./Cdt 57 AMV.

**Verges, Norbert E.**, (CPT) (M91) (Bert) 92-125 Lelepa Way, Ewa Beach, HI 96707. Dy: (808) 666-2639. Res: (808) 672-3143. S: Marlon. Dy: DS Plt Ldr, H Co, 25th Avn Regt, Schofield Barracks, HI. Rtg: MTP. RW Qual. Time: 400 Hrs.

**Veselicky, Frank**, (CPT) (M89) (Ves) 207 Barber Drive, Coppas Cove, TX 76522. Dy: (817) 287-1619. S: Tami. Dy: HSC-1-227 Avn, 1st Cav Div, Fort Hood, TX. Rtg: AA TP MTP. RW Qual. Time: 770 Hrs.

**Vioia, James A.**, (CPT) (M85) 3405 Chaney Lane, Clarksville, TN 37042. Dy: (502) 798-5540. Res: (615) 451-5588. S: Sophia. Dy: Plt Ldr, A Co, 1/160th SOAR, Fort Campbell, KY. Rtg: SAA. RW Qual. Time: 1,700 Hrs. Life Member.

**Vitullo, Roland E.**, (CPT) (M83) 508 Turteback

Cove, Kileen, TX 76542. Dy: (817) 286-6988. Res: (817) 634-0346. Dy: Cdr, D Troop, 4-6 Cav, Fort Hood, TX. Rtg: MTP. RW Qual. Time: 1,500 Hrs. Past Chapter Officer.

**Vogler, Louis A.**, (CPT) (M87) 494 Dunloe Court, Fayetteville, NC 28311. Dy: (919) 432-4112. Res: (919) 630-2730. S: Anna M. Dy: Bde S-4, 82nd Avn Bde, Fort Bragg, NC. Rtg: AA, RW Qual. Time: 900 Hrs.

**Vogt, Jeff C.**, (1LT) (M91) OPFOR Avn. Det., CMTC, CMR 414, Box 923, APO AE 09173. S: Sheryl. Dy: Platoon Ldr, Combat Maneuver Training Center. RW Qual. Time: 560 Hrs.

**Volimeth, Robert J.**, (1LT) (M92) 4068 Cook Drive, Clarksville, TN 37042. Dy: (502) 798-5855. Res: (615) 551-7753. Dy: Forward Support Medevac Team Leader, 50th Med Co (AA), Fort Campbell, RW Qual. FW Qual. Time: 1,000 Hrs.

**vonEschenbach, Thomas**, (1LT) (M91) 5314 Westminster Avenue, Fayetteville, NC 28311-1391. Dy: (919) 432-7770. Res: (919) 488-7154. S: Melissa. Dy: 1-82nd AK Bn, Fort Bragg, NC. Rtg: AA, RW Qual. Time: 200 Hrs.

## WWWWWWWWWW

**Walach, Christopher**, (1LT) (M89) 201 Lookout Ridge Blvd, Apt. 627, Harker Heights, TX 76543. Dy: (817) 287-9979. Res: (817) 680-2903. Dy: Kiowa Warrior Ops Officer.

**Waldorf, Eric G.**, (CPT) (M86) 14 Markham Street, Fort Bragg, NC 28307-1806. Dy: (919) 432-2139. Res: (919) 436-2570. S: Kathryn A. Dy: Sqdn S-4, 1/17 Cav, 82nd Avn Bde, 82nd Abn Div. RW Qual. Time: 1,020/Cdt 30 AMV.

**Waldron, James P.**, (CPT) (M90) (Phil) 590 S. Bogich Drive, Wausala, AK 99554-7614. Dy: (907) 353-7341. S: Lisa. Dy: Commander, B Troop, 4-9 Cavalry, Fort Wainwright, AK. Rtg: MTP. RW Qual. Time: 900 Hrs.

**Walker, Andrew D.**, (1LT) (M91) (Andy) B Co., 4-229 AARH, CMR 416, Box 828, APO AE 09140. S: Lynn. Dy: Ak Plt Ldr. RW Qual. Time: 500 Hrs.

**Wallace, Cherie S.**, (CPT) (M92) (Cherie) 1665 Cottonwood Drive, Sierra Vista, AZ 85635-3835. S: Mark. Dy: Fort Huachuca, AZ.

**Wallace, Kevin P.**, (CPT) (M86) P.O. Box 1312, Roselane, LA 70658. Dy: (318) 531-1246. Dy: ANJM Co Cdr/H-60 Test Pilot, 3/502 Avn Bn, Fort Polk. Rtg: AA TP. RW Qual. Time: 1,000.

**Walls, Charles S.**, (1LT) (M89) (Chuck) 4642 Fox Hollow Run, Evans Mills, NY 13637-9661. Dy: (919) 772-3808. Res: (315) 629-4751. Dy: 2-25th AT&B. Rtg: AA. RW Qual. Time: 720.

**Walraven, Kenneth E.**, (CPT) (M86) 206 Edith Way, Daleville, AL 36322. Res: (205) 598-2447. S: Jamie. Dy: A Co, 1/149th, Fort Rucker, AL. RW Qual. Time: 1,100 Hrs./Cdt 70 AMV.

**Walter, Carolyn H.**, (CPT) (M90) 110 Palisades Drive, Enterprise, AL 36330-0250. Dy: (206) 393-4313. Res: (206) 255-3423. Dy: Avn Personnel Services Mgr/Avn Propensity. Time: 680 Hrs.

**Wang, Eric T.**, (1LT) (M92) 318 Wylkingsham Place, Manhattan, KS 66502. Dy: (913) 239-6059. Res: (913) 537-8884. S: Christine. Dy: Platoon Ldr. RW Qual. Time: 500 Hrs.

**Wangsch, Darrin W.**, (CPT) (M89) (Maverick) PSC 01, Box 167, APO AA 34001. S: Faldick. Dy: S-2, HHC 1/228 Avn Regt, Fort AA, RW Qual. FW Qual. Time: 1120 Hrs. Life Member.

**Warner, Harland C.**, (CPT) (M81) (Chris) 6230 Poplar Grove Drive, Fort Orange, FL 32127. S:

Karen. Rtg: MAA. RW Qual. RW Qual. Time: 1,500.

**Warner, Curtis L.**, (1LT) (M80) P.O. Box 129, Fort Campbell, KY 42223. Dy: (502) 798-7742. Res: (615) 431-9066. S: Barbara. Dy: HHT, 2-17 Cav, S1, Fort Campbell, KY.

**Warren, Michael C.**, (CPT) (M91) (Mile) Unit 11022, RAAF Base Townsville, APO AF 96553. S: Angle. Dy: Exchange Officer. Rtg: MAA IFE SIP. RW Qual. Time: 3,504 Hrs./Cdt 56 AM1.

**Watanabe, Nathan K.**, (CPT) (M91) 3040 Davis Road, No. A36, Fairbanks, AK 99709. Dy: (907) 353-7458.

**Watkins, Timothy L.**, (CPT) (M89) 6222 70th Avenue Ct. W., No. 103, Tacoma, WA 98467. Dy: (206) 967-2783. Res: (206) 566-8077. Dy: Company Adjutant, C Co, 21st Avn. Rtg: AA. RW Qual. Time: 750 Hrs./Cdt 2

**Watson, Richard G.**, (1LT) (M90) (GI) PSC Box 47, APO AA 34001. Dy: (507) 294-3366. Res: (507) 292-4199. S: Nancy. Dy: Pl Ltr, A Co, 1-228 Avn, Ft. Kobbe, Panama. RW Qual. Time: 600 Hrs.

**Watts, Bobby W.**, (1LT) (M80) (Bob) 1018-B Beechnut Street, Fort Wainwright, AK 99703. Res: (907) 356-2025. S: Melissa. Dy: Platoon Leader.

**Wawer, Michael E.**, (CPT) (M89) (Mile) 107 Valley View Drive, Enterprise, AL 36330. Dy: (205) 255-4322. Res: (205) 393-6500. S: Debra. Dy: OPA Analysis, DCD. Rtg: SAA. RW Qual. Time: 1,100 Cdt 60 AM1, DFC1.

**Weber, Patrick A.**, (1LT) (M89) (Pat) HHT, 4/11 ACR, Unit 20804, Box 1076, APO AE 09146-5000. S: Angle. Dy: Adjutant, 4th Sqn., 11th Armored Cav. Regiment. Rtg: AA. RW Qual. Time: 480 Hrs.

**Wagner, Robert G.**, (1LT) (M91) (Rob) 400 Holbrook Avenue, Act. E, Fort Riley, KS 66442-1103. Dy: (913) 239-6486. Res: (913) 784-2660. S: Lisa. Dy: Avn. Officer, HHC 1-1 Avn. Regt. RW Qual. Time: 500 Hrs.

**Welch, Robert P.**, (CPT) (M91) (Bob) P.O. Box 70617, Fort Bragg, NC 28307. Dy: (919) 396-9070. S: Michele. Dy: Cdr, A Co, 2-82 Avn. Rtg: AA. RW Qual. Time: 1,500 Hrs./Cdt 30 DFC1, AM1, 1/1 Member.

**Wellman, Frederick P.**, (CPT) (M91) (Fred) 614 Helton Drive, Clarksville, TN 37042. Dy: (615) 798-3830. Res: (615) 552-7620. S: Jennifer. Dy: Assistant S-3, 2-101st Avn, 101 Avn. Rtg: AA. RW Qual. Time: 780 Hrs./Cdt 46 AM1.

**Wemick, Michael A.**, (CPT) (M89) 21227 Aviation, Unit 20195, Box 1725, APO AE 09165. Dy: Asst. S-3, 227 Avn. "Headquarters". RW Qual. Time: 1,100 Hrs./Cdt 65 AM2.

**Werthman, Robert W.**, (CPT) (M82) (Bob) B Company, 1/160th SOAR, 770 York Road, Clarksville, TN 37042. Dy: (502) 798-2675. Res: (615) 647-8125. S: Kerry. Dy: HHC, 1/160th SOAR, Fort Campbell, KY. Rtg: P. RW Qual. RW Qual. Time: 2,500 Hrs./Cdt 31

**Westover, Vincent P.**, (1LT) (M91) E Troop, 1-1 Cavalry, GMR 401, Box 713, APO AE 09076. S: Michele. Dy: Atk Helicopter Plt Ldr, AH-1 Cav Plt, Budsing, Germany. RW Qual. Time: 370.

**Whitaker, Robert L.**, (CPT) (M92) 3329 Mallard Drive, Clarksville, TN 37042. Res: (615) 431-4419. S: Phyllis. Dy: E Troop, 2-17 Cav, Fort Campbell, KY. Rtg: MTP. RW Qual. RW Qual. Time: 730 Hrs./Cdt 20 AM1.

**White, Christopher**, (CPT) (M87) HHC 4th Brigade, 1AD, Unit 20194, Box 90, APO AE 09165. S: Diana. Dy: S-3. Rtg: AA. Time: 600 Hrs./Cdt 55 AM1.

**White, John C.**, (1LT) (M82) (Whitey) 13 Avenida Road, Fort Bragg, NC 28307. Dy: (919) 432-7755.

## Z Aviation Officer Directory

Res: (919) 436-1554. S: Dawn. Dy: HHC, 1-82 Avn. Rtg: AA. RW Qual. Time: 500.

**White, Karen K.**, (CPT) (M80) 4413 Dolphin Lane, Alexandria, VA 22309. Dy: (703) 806-7083. Res: (703) 799-9552. S: Frank. Dy: OSAC, Ft. Belvoir, VA. Rtg: AA TP, RW Qual. RW Qual. Time: 2,300 Hrs. Past Chapter Officer.

**White, Richard G.**, (CPT) (M89) (Rick) 6645 Pacific Avenue, Fayetteville, NC 28314. Dy: (919) 432-6806. Res: (919) 868-9622. S: Deborah. Dy: S4 1-82 Aik HB, Fort Bragg, NC. RW Qual. Time: 400 Hrs. Past Chapter Officer.

**Whitney, Randy W.**, (CPT) (M84) B Co., 2nd Avn. Regt., Unit 15429, APO AF 96257-0462. Dy: Commander, B2-2 Aviation, Camp Stanley, South Korea. Rtg: SAA. RW Qual. Time: 1,000 Hrs./Cdt 54 AM1.

**Wiegmann, Gary R.**, (2LT) (M91) 1190 Butterwood Circle, Fayetteville, NC 28314. Dy: (919) 396-0300. Res: (919) 868-6799. Dy: E Troop, 1-17 Cavalry, 82nd Avn Bde, Fort Bragg, NC. Rtg: P. RW Qual. Time: 200 Hrs.

**Wiess, Walter D.**, (1LT) (M91) B Co, 3rd MI Bn (AE), Camp Humphrys, Korea, APO AE 96271. S: Bertha. RW Qual. RW Qual. Time: 350.

**Wilkins, Anthony J.**, (2LT) (M91) (J-Bob) 172 S. Pleasant Street, Hingham, MA 02043-4422. Dy: Fort Hood, TX, AH-64. RW Qual. Time: 250 Hrs.

**Williams, Dale H.**, (1LT) (M89) (Heath) 4944 Dartmouth Drive, Fairbanks, AK 99709. Dy: (907) 353-6195. Res: (907) 455-4299. S: Cynthia. Dy: Liaison Officer/Res. S-3, 4th Cav Sqn HHT, Rtg: AA. RW Qual. Time: 300 Hrs./Cdt 30 AM1.

**Williams, Dan E.**, (CPT) (M92) (Dan) AAAA Natl Member-at-Large, 123 Whitehall Drive, Clarksville, TN 37042. Dy: (502) 798-3964. S: Wendy. Dy: B/2101st Avn, Co Cdr, Apache Pilot, Fort Campbell, KY. Rtg: SAA. RW Qual. Time: 1,200 Hrs. NEB.

**Williams, David E.**, (CPT) (M84) (Remy) 88 Ridgewood Drive, Conway, AR 72032-9579. Res: (501) 327-6408. S: Brenda. Dy: Senior Asst/Secd Company Observer/Controller, JRTC, Fort Polk, LA. Rtg: AA. RW Qual. Time: 1,030 Hrs./Cdt 23

**Williams, Robert D.**, (CPT) (M86) AVN Co., 1 SBMFO, Unit 21530, APO AE 09833. S: Vickie. Dy: Aviation Detachment Commander, Sinai, Egypt. RW Qual. Time: 1,004 Hrs. AM1.

**Williams, Steven B.**, (CPT) (M91) 125 Pine Drive, Black River, NY 13802. Dy: (315) 772-7631. Res: (315) 773-1542. S: Judith. Dy: D Co, 1-58th Avn Regt. RW Qual. RW Qual. Time: 250 Hrs.

**Wilson, Daniel A.**, (CPT) (M83) (Dan) 206 Atkinson Avenue, Copperas Cove, TX 76522. Dy: (817) 287-2571. Res: (817) 542-7030. S: Karen. Dy: Cdr, B1-227th Avn Regt, Fort Hood, TX. RW Qual. Time: 850 Hrs.

**Wilson, Robert E.**, (1LT) (M90) (Bob) 18 Castle Lane, Fort Rucker, AL 36382. Dy: (205) 255-3561. Res: (205) 298-6426. S: Julie. Dy: Army Aviator, B Co, 2-229th Avn, Ft. Rucker, AL. Rtg: AA. RW Qual. Time: 500 Hrs./Cdt 17 AM2.

**Winstow, Scott T.**, (2LT) (M91) 204 Heritage Blvd., Enterprise, AL 36330-2255. Dy: (205) 255-3311. Dy: 15 MI Bn, Fort Hood, TX. RW Qual. RW Qual. Time: 500 Hrs.

**Wolf, Leslie A.**, (1LT) (M88) 505 AM Windham Drive, Doakville, AL 36322. Dy: (205) 255-3344. Res:

(205) 598-1434. S: Troy. Dy: Avn Officer Adv Course, A1-145th, Fort Rucker, AL. Rtg: AA. RW Qual. Time: 450 Hrs.

**Woll, Wilbur E.**, (CPT) (M85) 6 Rice Mill Drive, Savannah, GA 31419. Dy: (912) 352-6411. S: Army. Dy: Commander, HSC 224th MI Bn (AE), Hunter AAF, GA. RW Qual. RW Qual. Time: 1,400 Hrs. Past Chapter Officer.

**Wood, H. David.**, (1LT) (M90) (Dave) B Co., 7-227th Avn Bn, Unit 20197, Box 13, APO AE 09165. Dy: Plt Ldr, 7-227th Avn Bn, 1st Armored Div, Hansau, Germany. Rtg: AA. RW Qual. Time: 300 Hrs.

**Wood, Paul J.**, (CPT) (M87) (Woody) 20688 Wiener Park, Fort Campbell, KY 42223. Dy: (615) 798-6456. Res: (615) 431-9084. S: Michele. Dy: Bde S1, Fort Campbell, KY. Rtg: AA IP. RW Qual. Time: 1,150 Hrs./Cdt 15

**Woods, Kevin M.**, (CPT) (M80) 927 Messule Drive, Barstow, CA 92311. Dy: (619) 386-4420. Res: (619) 252-1328. S: Michelle C. Dy: Attack Co, Trainer - Eagle Team, Fort Irwin, CA. Rtg: SAA. RW Qual. Time: 1,200 Cdt 30 AM1. Past Chapter Officer.

**Workman, Jeffrey T.**, (1LT) (M89) (Jeff) 2-3 AHV, Unit 25417, Box 66, APO AE 09162. S: Sabre. Dy: XO, Gbeletst, Germany. RW Qual. Time: 500 Hrs./Cdt 15 AM1.

**Wright, Chris D.**, (CPT) (M85) 5562 Hiers, Apt. A, Fort Knox, KY 40121. Dy: (502) 624-2511. Res: (502) 942-3249. S: Cathy. Dy: Small Gr Instr Avn Adv. S-16 Cav, Fort Knox, KY. Rtg: SAA. RW Qual.

**Wygal, William R.**, (1LT) (M89) (Russ) 56th Aviation Company, Unit 29719, Box 41, APO AE 09025-5000. Dy: Operations Officer, 56th Avn. Rtg: AA. RW Qual. RW Qual. Time: 950 Hrs.

**Wyly, Wesley L.**, (CPT) (M82) (Coyote) RR 6, Box 2032, Sanford, NC 27330-6006. Dy: (919) 356-9733. Res: (919) 499-0533. S: Marion. Dy: S1, 3/227th Avn (A9), Fort Bragg, NC. Rtg: SAA. RW Qual. Time: 1,200 Hrs.

## YYYY-ZZZZ

**Yacone, James F.**, (CPT) (M90) (Jim) 1429 Siskett O'Hara Ct., Clarksville, TN 37042. Dy: (502) 798-2349. Res: (615) 551-4350. S: Beky. Dy: XO. Rtg: AA. RW Qual. RW Qual. Time: 1,700 Hrs.

**Yonts, James R.**, (CPT) (M92) (Jim) 2031-A Wiener Park, Fort Campbell, KY 42223-1164. Dy: (502) 798-2996. Res: (615) 431-3226. S: Chnd. Dy: Co Cdr, 7-101st Avn Regt. Rtg: AA.

**York, Scott**, (CPT) (M87) D Company, 2/227 ABN, Box 1502, Unit 20195, APO AE 09165. S: Karla. Dy: Co Cdr. Rtg: MTP. RW Qual. Time: 800/Cdt 75 AM1.

**Young, Lissa V.**, (CPT) (M86) 1410 New Jersey Circle, Sanford, NC 27330. Dy: (919) 396-5364. Res: (919) 499-0348. Dy: Commander, A Co, 1-159th Avn Regt. RW Qual. Time: 850 Hrs.

**Zaharis, William J.**, (CPT) (M90) (Bill) A Co, 3/227 Avn Bn, Unit 20196, APO AE 09165. S: Lori. Dy: Commander, Harau, Germany. RW Qual. Time: 850 Hrs./Cdt 10

**Zelenski, Robert M.**, (CPT) (M87) (Z) Route 1, 101 Harrison Drive, Daleville, AL 36322. Dy: (205) 255-3809. Res: (205) 393-5335. S: Mary Beth. Dy: Company Commander, E Co, 1/212th Avn, Fort Rucker, AL. Rtg: AA IP. Time: 1,500/Cdt 47 AM1.

**Zuber, Charles D.**, (CPT) (M90) (Chuck) 3201 Carpenter His Lp Se, Lacey, WA 98503-3087. Dy: (206) 967-6890. Dy: (206) 923-1887. S: Sheri. Dy: Operations Officer, 54th Med Det (AA), Ft. Lewis, WA. RW Qual. Time: 475 Hrs.

## Lt. Colonels

Hirsch, John S.  
HHC, 19th SUPCOM  
Unit 15015, Box 2240  
APO AP 98218

Killgore, Houston T.  
8438 Bayview Road  
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Littleton, CO 80120

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Columbia, MD 21045

## Majors

Cruze, Hoyt A.  
3d Military Intel Bn (AE)  
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APO AP 98271

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1251 Fortner Road  
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Filip, Carl S.  
HHC, 17th Cavalry, 2ID  
Unit 15141  
APO AP 98257

Johnson, Ralph W. Jr.  
HQ LANDCENT, Air Ops Bn  
Unit 29101  
APO AE 09099

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608 Willowood Drive  
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## Captains

Bennett, Jay E.  
2015 Tailing Vine  
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Bishop, Eric T.  
B Co, 3rd MI Bn (AE)  
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Miljo, Michael J.  
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Crofton, MD 21114

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APO AE 09250

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APO AP 98205

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Duxbury, MA 02331

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PO Box 1314  
Castroville, PA 95012

Watkins, Anthony J. SPC(P)  
US Army Trans Corps Ctr  
Fort Eustis, VA 23604

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Hope Mills, NC 28348

## Civilian

Schilz, Thomas R.  
PO Box 1383  
APO AP 98585

## Retired/Other

Floyd, Robert L. COL  
Sikorsky IRTI Products  
Unit 61330, Box R  
APO AE 09803

Kennedy, Geo. H. III CW4  
7143 Siale Road 5A, No. 117  
New Port Richey, FL 34653

## NOMINATIONS OPEN

### Army Aviation Trainer of the Year

Sponsored by the CAE-Link Corporation, Link Flight Simulation Division, this AAAA National Award will be presented "to the trainer who has made an outstanding individual contribution to Army Aviation during the awards period encompassing CY 93."

**Eligibility:** A candidate for this AAAA National Award may be a military or civilian nominee and must be actively involved in Army Aviation training. Membership in the AAAA is not a requirement for consideration. The individual contribution of the nominee should have been initiated and completed during the awards period encompassing September 1, 1992 through August 31, 1993. **Suspense Date:** The nomination(s) should be mailed so as to arrive at the AAAA National Office at 49 Richmondville Avenue, Westport, CT 06880-2000 not later than September 30, 1993.

### Army Aviation Air/Sea Rescue Award

Sponsored by Lucas Aerospace, this AAAA National Award will be presented "to the crew or crew member who have performed a rescue using a personnel rescue hoist that saved the life or eased the suffering of an individual or individuals during the awards period encompassing October 1, 1992 through September 30, 1993."

**Eligibility:** A candidate must be in the U.S. Army, Active or Reserve Components, and must have had an active role in an air rescue effort using a personnel rescue hoist. Membership in the AAAA is not a requirement for consideration. The contribution of the nominee should have been initiated and completed during the awards period encompassing September 1, 1992 through August 31, 1993. **Suspense Date:** The nomination(s) should be mailed so as to arrive at the AAAA National Office at 49 Richmondville Avenue, Westport, CT 06880-2000 not later than September 30, 1993.

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CPT Monte C. Ferguson  
CW2 Gary A. Graham  
1LT Richard A. Geiseler  
MAJ Jimmy D. Haley  
SPC Kristen L. Kerns  
CPT John R. Ryan  
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CHAPTER  
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PVT Tina C. Bookout  
SFC Dwight D. Cochran  
SFC Richard L. Dahlin  
SFC Lenard J.A. Fensom



Ms. Elizabeth M. Fellmate  
CSM Thomas W. Quinn  
1LT Carol M. Tschida

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MAJ Joe E. Cooley  
CW4 Kenneth J. Hendrix  
LTC Ron Holmes  
CW4 James L. Jackson  
SFC Jerry R. Johnson  
SFC Nicky P. Snow

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MANNHEIM, GERMANY**

MAJ Marc P. Brodeur

**TENNESSEE VALLEY  
CHAPTER  
HUNTSVILLE, AL**

2LT Thomas B. Mitchell

**THUNDERHORSE CHAPTER  
FULDA, GERMANY**

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**WASHINGTON DC CHAPTER  
WASHINGTON, DC**

Mr. Joseph G. Flynn, USMC, Ret.  
COL Antonius M. Kreckling

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CHAPTER  
ANSBACH, GERMANY**

CW2 David P. Stark, Jr.

**WINGS OF THE WARRIORS  
CAMP STANLEY, KOREA**

CW4 Thomas P.E. Rachels  
CSM Wilthee Sanders, Jr.

**MEMBERS WITHOUT  
CHAPTER AFFILIATION**

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CW4 Richard R. Found  
CW2 Kenneth R. Franklin  
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CDT Kevin C. Inglin  
1LT Todd G. McLean  
CPT Robert D. White

PV1 Rodney J. Ferry  
SSG Rodney S. Keyes  
SFC Alvin H. Meerts  
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2LT Kenneth D. Chase

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FORT HOOD, TX**

CPT Don J. Dudley

## CAREER TRACK

If you'd like to take advantage of the Career Track employment referral service, but you're not yet a member of AAAAA, the solution is simple: Fill out a membership form and send it in along with your request for a Career Track application. Your ad will run in the next available issue.

Active AAAAA members may have a 30-word classified employment ad published in two consecutive issues of ARMY AVIATION MAGAZINE free of charge. Write to the AAAAA National Office, 49 Richmondville Avenue, Westport, CT 06880-2000, or call (203) 226-8184 for Career Track applications. Inquiring organizations contact the National Office.

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## New AAAA Chapter Officers

### Air Assault:

MAJ Gregory M. Williamtis (Treas); LTC John M. Adams (VP, Programming).

### Aviation Center:

COL Thomas W. Garrett (SrVP); CPT Arthur A. Jackson (VP, Award); LTC Sam S. Walker (VP, Memb); COL Robert J. Kreuzmann (VP, Aeromedical Ctr); CW3 Andrew P. McKeown (Member-at-Large).

### Black Knights:

LTC David G. Wildes (Pres); CPT John J. Heller (SrVP).

### Cedar Rapids:

Jesse W. Glance (VP, Prog).

### Lindbergh:

COL Edwin P. Goosen (SrVP).

### Midnight Sun:

MAJ Marlin E. Dubetz (Pres); CW2 Thomas J. Bauer (SrVP); LTC Vern Watts (Secy); MSG Paul D. Castle (Treasurer).

### Monmouth:

COL Theodore T. Sendak, Ret. (VP, Programming).

### Phantom Corps:

CPT Robin D. Lynch (VP, Memb); CSM Hans E. Li (VP, Enlisted Affairs).

### Razorback:

LLT D. Lee Winningham (Pres); WO1 Kenneth W. Bryant (SrVP); WO1 Larry Laine Crocker II (VP, Memb. Enroll); 2LT Timothy T. Taylor (VP, Programs).

### Wings of the Warriors:

WO1 Jeffery S. Hurley (Treasurer).

**New AAAA  
Sustaining Members**  
Challenge Enterprises  
Milford, KS



Above: GEN Gordon R. Sullivan, Chief of Staff, U.S. Army, tries on one of the integrated helmet systems being designed for the RAH-66 Comanche during a visit to Sikorsky Aircraft on 17 May 1993. Later in the evening, GEN Sullivan addressed a capacity crowd at a joint meeting of the Connecticut Chapters of AAAA and AUSA.

Below: the Savannah Chapter AAAA Half Marathon/10K road race was held on 8 May at Hunter Army Airfield. Pictured from left to right are: SFC Lionel Scatliffe, winner of the half marathon; COL Anthony Jones, Savannah Chapter President; 11-year-old Charity Fillmore, who won the women's category 10K with a phenomenal time of 39 minutes; and SFC Gregory Berns, winner of the men's 10K.





Above: MG Rudolph Ostovich III (left) is inducted into the Honorable Order of St. Michael, Gold Level, by MG John D. Robinson, CG, U.S. Army Aviation Center and Army Aviation Branch Chief. The occasion was MG Ostovich's retirement ceremony, which was conducted by GEN Colin L. Powell, Chairman of the Joint Chiefs of Staff.

Below: Prior to MG Ostovich's ceremony, MG Richard E. Stephenson, Ret., Senior Vice President of AAAA (left) and Terry Coakley (right), Executive Director of AAAA, paid an office call on GEN Gordon E. Sullivan, Chief of Staff, U.S. Army. The discussion centered on Aviation as a combined arms branch and the support AAAA lends to the Army.



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**Aviation Soldiers of the Month**

A Chapter Program to Recognize Outstanding Aviation Soldiers on a Monthly Basis

*Air Assault Chapter:*  
**SPC Donna E. Blount**  
June 1993

**SGT Michael J. Keeping**  
July 1993

*Colonial Virginia Chapter:*  
**PVT Brandon A. Gates**  
March 1993

**PVT Lincoln B. Westerlund**  
April 1993

**PV2 Charles T. Dudley**  
May 1993

*Minuteman Chapter:*  
**SGT Paul J. Stone**  
May 1993

**Honorary Member**

The following person has been selected by his Chapter as an Honorary Member. He will receive a complimentary one year membership, citation in these pages, and a "Certificate of Honorary Membership."

**MG Otto J. Guenther**  
*Monmouth Chapter*

**Aces**

The following members have been named Aces in recognition of their signing up five new members each.

- CW2 Thomas J. Bauer**
- SGM Gary L. Freeman**
- LTC Vern Watts**
- 1LT D. Lee Winningham**

**COL Edward L. Neilsen, Ret.**

COL Edward L. Neilsen, Ret. passed away 15 May 1993 in North Palm Beach, FL. He was 73 years of age, and was one of AAAAA's Charter Life Members.

COL Neilsen enlisted in the Army Horse Cavalry in 1939. Commissioned a second lieutenant in 1941, he served in the Pacific Campaign of WW II, Korea, and Vietnam. He was a Master Army Aviation with over 4,000 hours flight time.

His service awards included the Legion of Merit, Distinguished Flying Cross, Bronze Star, Air Medal, and numerous campaign medals. He was also holder of the world speed record for a 14,000 pound twin engine turboprop aircraft.

Survivors include his wife Mary; three sons, Edward of Camp Hill, PA, Gregory of St. Louis, MO, Stephen of Charleston, SC; three step children, Kathleen Glass of Staunton, VA, I.R. Oberchain III of Denver, CO, and Mary Jane Brown of Bay Minette, AL; and 13 grandchildren.

Contributions may be made to the AAAAA Scholarship fund, 49 Richmondville Avenue, Westport, CT 06880.



Above: the 1993 AAAAA Award for the Top West Point Cadet who has branched Aviation went to CDT Marc A. Wehmeyer (right), who also earned the distinction of the class valedictorian. MG Richard E. Stephenson, Ret. (left), AAAAA Senior Vice President, presents the AAAAA wedge and certificate during the ceremony in the Academy's Thayer Award Room.

Below: LTC Peter A. Notarianni (right) receives the Order of St. Michael Bronze Award from LTC Pickett, Commander, 7th Maintenance Battalion, 48th Support Group, Schofield Barracks, HI. At the time of the award, LTC Notarianni was Commander, E Company, 214th Aviation Regiment.





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## AAAA CALENDAR

A listing of recent AAAA Chapter Events and upcoming National dates.

### July, 1993

- ✓ **July 16.** AAAA Scholarship Board of Governors Executive Committee Meeting. Best Western Hotel, Arlington, VA.
- ✓ **July 17.** AAAA National Scholarship Selection Committee Meeting to select CY92 scholarship recipients. Best Western Hotel, Arlington, VA.
- ✓ **July 23.** Thunderhorse Chapter Election/General Issues Meeting.
- ✓ **July 28.** Monmouth Chapter Social Meeting. Monmouth Park Racetrack.

### August, 1993

- ✓ **August 11-12.** Monmouth Chapter Sports Days. Ft. Monmouth Officer's Club.

### October, 1993

- ✓ **Oct. 16.** AAAA National Executive Board Meeting, Sheraton Washington Hotel, Washington, D.C.
- ✓ **Oct. 18.** AAAA Scholarship Board of Governors Executive Committee Meeting, Sheraton Washington Hotel, Washington, D.C.

### November, 1993

- ✓ **Nov. 2-3.** 11th AAAA Aviation Electronic Combat Symposium, hosted by Grumman Melbourne Systems, Melbourne, FL.
- ✓ **Nov. 2.** AAAA ASE and Avionics Award Presentations, Melbourne, FL.

### December, 1993

- ✓ **Dec. 1.** AAAA National Executive Board Meeting, Ft. Rucker, AL.

### February, 1994

- ✓ **Feb. 2-4.** 20th Annual Joseph P. Cribbins Product Support Symposium, Stouffer Concourse Hotel, St. Louis, MO.
- ✓ **Feb. 3.** AAAA Outstanding Aviation Logistics Support Unit of the Year Award Presentation and AAAA Industry Award Presentations, Stouffer Concourse Hotel, St. Louis, MO.

### April, 1994

- ✓ **Apr. 20-24.** AAAA Annual Convention, Cervantes Convention Center, St. Louis, MO.



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