

New
Branch
Chief
Announced
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**SPECIAL FOCUS:
OH-58D KIOWA WARRIOR**

ARMYAVIATION

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PUBLISHER

Lynn Coakley

ASSOCIATE PUBLISHER

Terrence M. Coakley

EDITOR

William R. Harris, Jr.

PRODUCTION MANAGER

Barbara Ross

ADVERTISING MANAGER

Deirdre Frost

EDITORIAL/PRODUCTION ASSISTANT

Stephen Moore

CIRCULATION MANAGER

Jill Thomas

CIRCULATION ASSISTANTS

Mary Ann Stirling, Debbie Coley,

Nancy Jo Harris, Deb Simons

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NEW BRANCH CHIEF AT FORT RUCKER



OSTOVICH



ROBINSON

Officials at the Pentagon announced on 11 June 1991 that the Commanding General of USAAVNC and Ft. Rucker, AL, MG Rudolph Ostovich, III, will be leaving his current assignment later this summer to move to the Pentagon. His new duty will be Vice Director, The Joint Staff, under GEN Colin L. Powell, Chairman of the Joint Chiefs. MG Ostovich has served as Branch Chief since October 1989.

MG John D. "Dave" Robinson will assume the duties of Aviation Branch Chief, CG USAAVNC and Ft. Rucker, and Commandant, U.S. Army Aviation Logistics School, in Change of Command ceremonies 22 July 1991 at Ft. Rucker.

MG Robinson was born in Concord, MA in 1937. MG Robinson graduated from the University of Maine with a BA in Mathematics, and received a MBA in Operations Research from the University of Alabama. His military education includes the Infantry Basic Course, the Armor Advanced Course, the United States Army Command and General Staff College, and the United States Naval War College.

MG Robinson's command assignments

include Commander, Troop A, 7th Squadron, 17th Cavalry, 1st Cavalry Division, Ft. Hood, TX; 2nd Squadron, 10th Air Cav, 7th Infantry Division, Ft. Ord, CA; and CG, Training and Doctrine Analysis Command, U.S. Army Training and Doctrine Command, Ft. Leavenworth, KS.

He served in Vietnam with: Troop D (Air), 1st Squadron, 4th U.S. Cavalry, 1st ID; 158th Aviation Battalion (Attack Helicopter), and later the 160th Aviation Group (Combat), 101st Airborne Division and Headquarters, XXIV Corps. He was also Deputy Assistant Commandant at Ft. Rucker from June 1985-July 1986. MG Robinson's immediate past assignment was Director for Force Structure, Resource, and Assessment, Joint Staff. He was charged with providing assistance to the Chairman, Joint Chiefs of Staff, for developing requirements and options for strategic, nonstrategic nuclear forces, general purpose forces, and space forces and systems.

MG Robinson is married to the former Roberta Jean Small of Pepperell, MA. They have two children: Mark, a USN helicopter pilot, and Karen, a homemaker in Virginia.

OPERATION DESERT STORM. A LOT WAS RIDING
ON THE AMERICAN MILITARY. AND OUR HELICOPTERS.



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What a Difference a Year Makes

Excerpts of the Awards Luncheon Address delivered at the 1991 AAAA Annual Convention in St. Louis, MO.

By The Honorable Michael P. W. Stone

What a difference a year makes. Last year when I addressed the AAAA Convention, I told you all the grief I was taking from various people in the press about aviation and how I was trying to fight back. This year, I stand proud—proud for the United States, for

U.S. armed forces, for the U.S. Army, and for Army Aviation—what a difference, and how great it feels!

Our magnificent military victory in the Middle East was indeed very much for Army Aviation as well. In Operation DESERT STORM, Apaches flew a total of 13,000 hours, Black Hawks 16,000 hours, and Chinooks about 13,500 hours. Even our newest aircraft, the Sherpa C-23, successfully flew a couple hundred hours as well.

For Army Aviation as a whole, there was not a single category of aircraft over there that did not exceed the Army standard, and

we had no fatalities relating to aviation mechanical breakdowns. We had a wonderful performance from the aircraft themselves and the

Mr. Stone is Secretary of the Army, Washington, D.C.



people who flew them.

In talking about Operation DESERT STORM, there are many tangible and intangible factors that contributed to the success of the operation. On the intangible side, our forces maneuvered so successfully on the battlefield that we were constantly interrupting the enemy's decision cycle. Throughout the campaign, starting in January, we employed a scheme of maneuver that was highly successful and not easy to execute. Units had to deal with open and rough terrain, with few roads and an undeveloped infrastructure.

Repositioning our forces was almost like a football shift. We know about GEN Schwarzkopf's "Hail Mary" reference, but there's another one he could have used. The whole backfield, in a sense, shifted to the west before the campaign began—also not an easy thing to do. The Iraqis had no idea that the shift had taken place. The

ground maneuver and the air maneuver were remarkable.

Maneuver ties in with our AirLand Battle doctrine. Some people have criticized the Army's preference for combining those two words, air-land, and we actually capitalize the "L" in the word AirLand. They are not laughing and making fun of the doctrine now, because it worked perfectly there!

Superior training was another intangible that was a key to our success in the Gulf. If there was any doubt about the value of tough, realistic, demanding, professional training, there is none now.

To illustrate further the value of training, I had the honor of presenting Silver Stars to two privates and a specialist for their bravery during combat operations in the Persian Gulf. One of the privates had been in the Army just seven months. One of the others had been in the unit just five days. I just cannot visualize how they would have been able to do the brave things that they did without having had tough training and conscientious leadership from their non-commissioned officers. Indeed, each soldier praised the noncommissioned officers who led and trained him. Each mentioned to me the confidence that he had in his non-commissioned officers. Yes, these soldiers were scared, but they were trained to know what to do, and they did it!

Reserve Component

The Reserve Components' service and performance in Operations DESERT SHIELD and DESERT STORM is truly a good news story. The war could not have been won without their contribution. Over 1,000 units of the National Guard and the Reserves were called to the colors, from every state in the union. Over 600 of those units were deployed to Saudi Arabia.

A minor problem that received a great deal of negative press was the roundout brigades. The roundout brigades were among the best trained in the United States by the time they finished their training, and they would have been deployed to the Gulf, in my judgement, if the war had continued. The war did not continue and they did not go, but that should in no way detract from the

service that they gave to the United States.

My final point on intangibles is about logistics. Operation DESERT STORM was indeed a war of logistics. As I flew over the battlefield with LTG Frederick M. Franks, Jr., the VII Corps Commander, we talked about the operation and what was left of the Iraqi Army. LTG Franks reminded me that when his Corps swung in from the west and started to move east, there were 40,000 vehicles moving en masse—burning over three million gallons of fuel a day. It took a tremendous logistical effort to support our forces while at the same time not limiting the operational tempo.

Overlaying all of these intangibles is one simple thing—the quality of the soldier in the Army today. All of these things were accomplished because of the quality of our soldiers. They are absolutely marvelous human beings and great representatives of the United States.

On the tangible side of the operation we know how the Patriot missile, Apache helicopter, Multiple Launch Rocket System (MLRS) and other newer equipment performed. But we also had many "unglamorous" pieces of equipment that performed equally well. One such piece of equipment is the Heavy Expanded Mobility Tactical Truck (HEMTT).

The HEMTT did a fine job in meeting our logistical needs. In fact, they were so important to us that we flew additional HEMTTs from Milwaukee to support the operation. We had many pieces of equipment like the HEMTT that did very well—prosaic, down to earth, and unglamorous things that are not much to write about, but are difficult to fight without.

Everything, of course, did not work perfectly. Some of our communication equipment worked well; some did not. The old 2½ ton truck fleet deserves a decent burial.

Refueling was slower than we would like, but we are on the right track toward eliminating that deficiency. Our procurement system is responsive and we'll continue trying until we fix these deficiencies.

Clearly, our technological edge was a significant "combat multiplier" in DESERT
(Difference — continued on page 69)

Kiowa Warrior: A Success Story

By Major General Rudolph Ostovich, III

In recent years numerous discussions have been held concerning the degree of "technological sophistication" of our nation's military equipment. Would the systems work in a fast-paced combat environment? Were our people capable of employing

the technology? When was better good enough? Saddam Hussein and the remnants of the Iraqi military machine could provide a graphic and first-hand account of the answers to these questions. The combined might of our quality soldiers and their high tech equipment overwhelmed the world's fourth largest army in only 100 hours! One of the systems that clearly made a difference in Operation DESERT STORM was the OH-58D Scout helicopter.

One of the most important and enduring requirements for combat commanders is to "see" the battlefield before decisive engagement. The OH-58D is providing our field commanders with the day



MG Ostovich was Chief, Aviation Branch, Commanding General, U.S. Army Aviation Center and Ft. Rucker, AL and Commandant, U.S. Army Aviation Logistics School when this article was written.

and night "vision" they need to employ their forces. The effectiveness of the OH-58D is magnified because of its simultaneous ability to direct both point and area weapons against enemy forces' threat systems. The ability to adjust conventional artillery fires, to designate for smart munitions such as Copperhead and Hellfire, and to synchronize Joint Air-Attack Team (JAAT) operations makes the OH-58D one of our most versatile and lethal combat multipliers.

The Special Focus in this issue on the OH-58D is both timely and deserving. Operations DESERT SHIELD and DESERT STORM provided this aviation system with the ultimate test to prove its worth. And prove it they did! Initial observations are reported in other articles within the magazine. We continue to capture the lessons learned, but it's already clear the OH-58D is one of our true success stories.



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"...the 4-17th Cavalry continue[s] to operate in the Gulf as they have been doing since 1988 as part of Operation PRIME CHANCE."

The modern Army Aviation scout hails from humble beginnings as a daylight, VFR observation helicopter directing attack aircraft and artillery by voice radio. Mission requirements demanded more than the aircraft and crew could deliver, particularly with regard to night operations. It was out of this void that the requirement for the OH-58D was born. With incorporation of a highly capable day and night mission equipment package and high-hot performance margins, our relatively simple observation helicopter has evolved into the sophisticated OH-58D aeroscout that maneuver commanders can depend on to get the job done. In the near future the OH-58D Kiowa Warrior capabilities will expand significantly.

Fielding


The Army will arm and place the aircraft in our air cavalry force structure. Selected contingency unit attack organizations will employ the OH-58D as its primary fighting machine. Weapon system options will include the .50 cal machine gun, Hydra 70mm rockets, Air-to-Air Stinger, and the Hellfire anti-armor missile. Commanders will analyze assigned missions and configure their aircraft to effectively execute the scheme of maneuver.

The aircraft is designed to accommodate a variety of enhancement kits. Formally designated as the Multipurpose Light Helicopter (MPLH), these kits include external troop carrying seats, a cargo hook, rapid deployment features, and a litter carrying capability. This broad spectrum of mission flexibility grew out of an XVIII Airborne Corps' requirement to quickly project itself onto a remote, far-reaching battlefield, execute forced entry-type operations, and sustain momentum until

arrival of follow-on forces. The armed MPLH OH-58D will begin arriving in tactical units during the next fiscal year.

The transformation of the OH-58D from an unarmed aeroscout to an armed reconnaissance multipurpose light helicopter is a tremendous leap forward. The flexibility of the OH-58D's configuration prepares it to fight on future battlefields as an aircraft capable of protecting itself with its own onboard weapon systems while simultaneously executing a wide variety of missions. The OH-58D will find and designate targets for others and, when necessary, carry the battle directly to the enemy, day and night.

As our soldiers return home from DESERT STORM, it is important to recall that prototype armed OH-58D aircraft and crews from the 4-17th Cavalry continue to operate in the Gulf as they have been doing since 1988 as part of Operation PRIME CHANCE. Even though DESERT STORM is completed, turbulence continues in that region of the world requiring this unit to remain on station. The success of the 4-17 Cavalry validated the Army's decision to move forward with the fleet-wide armed program. Their subsequent activities, both over land and water during the Gulf war, have reinforced the wisdom of vigorously pursuing this course of action.

Operations during DESERT STORM demonstrated that the modern battlefield is extremely fluid and fast-paced. The OH-58D Kiowa Warrior is postured to address the versatility, lethality, and deployability requirements of that fight. Whether employed autonomously or in conjunction with Air Force/Navy/Marine Corps weapons systems, the OH-58D Kiowa Warrior has taken its place as a key element in our arsenal. "Scouts—First in, last out!" 

MEETING THE CHALLENGE



HEAD-ON

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Maintainability of the RAH-66 Comanche

By CW4 Wayne A. Waersch

The RAH-66 Comanche Demonstration/Validation Prototype Phase contract, awarded to the Boeing/Sikorsky First Team, is the result of an intense cooperative effort between industry and the U.S. Army. Part of the innovation of this program is reflected in

the effort spent providing a warfighting vehicle that can be effectively maintained at the user level. From the onset, the Army made it quite clear that the maintainability of its future helicopter fleet was on the same plateau as its ability to fight and win on the battlefield. This was communicated through the Required Operational Capability document, and translated through the System Specification into the Request for Proposal. These documents were the focal points for the user community, the materiel developer, and the Source Selection Evaluation Board (SSEB).



It is important to understand how we arrived at where we are today. Since 1988, two competing teams

CW4 Waersch is Asst. TRADOC System Manager, RAH-66 Comanche, Ft. Rucker, AL.

(Boeing/Sikorsky and McDonnell Douglas/Bell) have been under contract to reduce the technology risks associated with a fully integrated weapon system; risks such as advanced sensors, processors, software, and computers which comprise the mission equipment package; advanced composite materials and manufacturing technology for producibility; and low observable technology for reduced radar and IR signatures on the air vehicle. This effort was enhanced by the participation of representative user personnel (Aviators) to each industry team to provide insight and feedback as they developed their crew stations. Another innovation in this approach was the involvement of four experienced maintenance test pilots from Ft. Eustis, VA. Two were OH-58 qualified, one was AH-1 qualified, and one was AH-64 qualified. This was the first time maintenance test pilots were involved with the

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Figure 1

actual design and layout of the cockpit displays, controls, and furnishings. Additionally, maintenance NCOs from Ft. Eustis and Ft. Rucker, AL, participated in meetings with each of the teams, and through this information exchange developed significant design ideas to enhance maintenance. This cooperation between government and industry enabled the integration of user friendly, maintenance-oriented advanced technology into the troubleshooting and diagnostic equipment. To give you an idea of these advancements, the following examples are provided. They are by no means an all-inclusive list, but they should serve to settle some lingering doubts about the ability to provide automated troubleshooting, and remove/replace two level maintenance on the future battlefield.

● **Availability.** The ability to achieve a high availability rate is dependant on numerous factors. One way of determining whether a design can achieve a specific rate is through the individual measures of availability. The Boeing Sikorsky team has been successful in reducing Maintenance Manhours per Flight Hour (MMH/FH) and Mean Time To Repair (MTTR). In addition, they have been successful in increasing Mean Time Between Mission Affecting Failures (MTBMAF) and Mean Time

Between Essential Maintenance Actions (MTBEMA) over existing systems. Simply put, the RAH-66 Comanche can fly longer with less failures. Not only has Boeing Sikorsky been contractually obligated to these parameters, the team has substantiated its forecasts with valid supportability analyses and laboratory demonstrations.

● **Ease of Access.** The supportability and maintainability benefits of this weapon system are in large measure attributable to the air vehicle's accessibility (Figure 1). No longer do maintainers encounter "layering" of components to the point where several good parts must be removed to reach a bad one. Access panels and doors are designed to provide increased work room and act as built-in work platforms where necessary. Captive fasteners are used to decrease the chances of Foreign Object Damage (FOD) and engine accessories are located on top of the engine to allow easy removal and installation at "wing-side." The twin T-800 engines are integrated with the airframe through a unique design which allows system removal and installation in less than one hour. The armament system design reflects the influence which Manpower and Personnel Integration (MANPRINT) can have early in the development stage. As a result of applying



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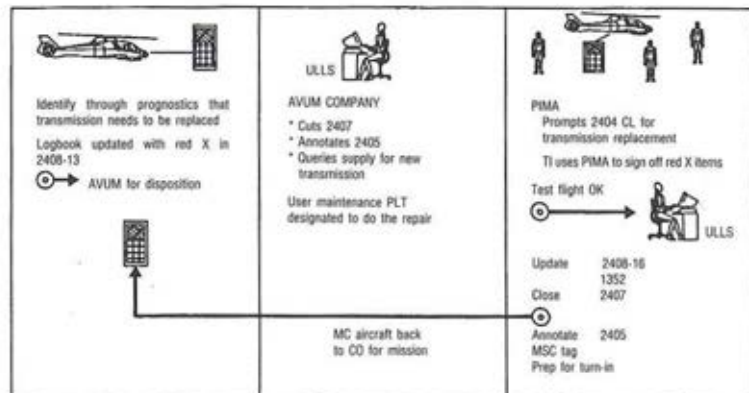


Figure 2

MANPRINT principles the time required to rearm and refuel has been significantly reduced. Quick turn around in the Forward Area Refuel/Rearm Point (FARP) is provided by simultaneously refueling and rearming any integral load, to include a full load of gun ammunition, in not more than 15 minutes with three personnel.

● **Tools/Ground Support.** The RAH-66 Comanche has been built from the ground up with an inherent dislike for Peculiar Support Equipment (PSE) and additional Ground Support Equipment (GSE). To date there have been nine pieces of peculiar ground support equipment identified. The commitment to reduce PSE and GSE will continue throughout the Demonstration/Validation Prototype and the Full Scale Development phases. In a Comanche unit, the transportation of PSE and GSE will not resemble the Ringling Brothers, Barnum and Bailey's Circus leaving town. Additionally, the First Team has reduced the number of hand tools to a total of 12, at user level.

● **Diagnostics.** Another area that has received significant attention and resources is the fault detection/isolation system. It is recognized by industry that most fielded systems today did not achieve their designed integrated diagnostic values. Because of this shortcoming, the Boeing Sikorsky team invested a significant amount of dollars and time to provide the soldier a diagnostic system that will reach all its

designed values. The centerpiece of man-in-the-loop fault detection/isolation, as an assist to the expert automated system, is the Portable Intelligent Maintenance Aid (PIMA). This handheld device provides the maintainer the troubleshooting logic and fault isolation paths needed to fault isolate to the Line Replaceable Unit/Line Replaceable Module (LRU/LRM). It is the electronic compilation of the cumbersome maintenance manuals (-23s), repair parts and special tools (RPSTLs), historical records, required inspections, etc. This laptop computer size device also receives air vehicle trending and prognostics data through a data transfer system capable of integrating with current and future ground based logistics systems (Figure 2). As the air vehicle senses a trending that may result in failure, it alerts the prognostics, which forecasts when the suspect component should be removed.

The attributes of the RAH-66 Comanche represent a significant increase in the capabilities of our maintenance management tools. The effort being applied to make the Comanche the most supportable weapon system ever brought into the Army is not "pie in the sky". The level of dedication and effort from both the Army and industry must and will continue. The cooperation thus far has been enjoyable, and as a maintainer in today's Army, I am keeping my eye on the RAH-66 Comanche; it's truly a "new generation".

AirLand Battle-Future and the Aviation Brigade

By Major General Benjamin L. Harrison, Ret.

In GEN John W. Foss's article, "AirLand Battle-Future" in the February issue of *ARMY*, he stated that "concentration of long-range shooters, such as the MLRS, ATACMS (Army Tactical Missile System) and heavy attack helicopters, at corps level appears to pay

off—sometimes with spectacular results."

It is certainly agreed that the corps commander will have the intelligence, targeting information, and the operational vision to properly employ attack aviation at the critical time and place. Everyone and his brother has said that DESERT STORM validated the doctrine of ALB-F. There seems to be a disconnect however, between the doctrine, the "validation" of DESERT STORM, and the proposed structure of the ALB-F Division with respect to aviation. The disagreement and apparent disconnect with doctrine for the non-linear battlefield and experience in DESERT STORM, REFORGER, the NTC and dozens of FTXs, is the assertion that the future

division will be adequately served with only a single squadron of 24 to 30 helicopters.

There are three issues regarding aviation in the ALB-F Division:

- What is an "adequate" number of attack helicopters for organic assignment;
- What is an "adequate" number of air cavalry helicopters for organic assignment;
- What is an "adequate" number of general support aviation helicopters for organic assignment. The emphasis is on "adequate", not optimum nor minimum.

Organic Division Needs

Organic aviation is needed in the division that will fight AirLand Battle-Future doctrine on the non-linear battlefields of the world to:

- **Provide close and continuous general aviation support in three principal areas:**

- Utility and cargo helicopter lift for priority



MG Harrison, Ret. is Senior Vice President of the Army Aviation Association of America.

logistic support to the division, FARP support to assigned and supporting aviation, medevac and electronic intelligence collection systems.

- Air cavalry and helicopters for aerial employment of mines and artillery fires.
- Command and control. Division, brigade, artillery and support command commanders are the division's most valuable assets. They should have C&C helicopters with a full array of communications equipment, multi-function displays and an airborne target handover system. Float C&C aircraft should be available for occasional use of certain battalion commanders. (A commander of a DESERT STORM heavy division said that giving a plain vanilla OH-58C to his brigade commanders increased their effectiveness 10 to 15 percent. Giving a 58C to his DISCOM commander increased his effectiveness 30 to 40 percent.)

● **Provide attack aviation to the division.** The payoff delivered by organic attack helicopters was so great in DESERT STORM it is difficult to imagine not providing adequate numbers of this weapon system to all divisions. Further conclusive evidence for routine employment of attack helicopters came in NTC Rotation 90-10 where the exchange ratio was 34 to 1! In the seventh battle, 7 Apaches destroyed 38 combat vehicles with no losses. The total for the rotation was 103 enemy combat vehicles lost for 3 AH-64s. This feat was accomplished with MILES/AGES II still denying the AH-64 about 25 to 30 percent of its max range and NTC Control artificially not allowing any deep attacks. The units supported in NTC Rotation 90-10 were the 155th Armored Brigade of the Mississippi Army National Guard.

Primary Mission

It is understood that USAREUR proposes to have an aviation brigade in each of the two remaining CFE divisions which will include two attack battalions and a general support battalion.

The size of the aviation effort outlined above for "adequate" support of the ALB-F

division requires a command and control headquarters such as a brigade, regiment or group. I am not trying to make a case for a fourth maneuver brigade in the division in the character of an aviation brigade. Sure, an aviation brigade can be a maneuver element as some of them most ably demonstrated in DESERT STORM, but they should be structured with a *primary mission of aviation support to the entire division*; not just their own brigade headquarters. We don't need to go back to the pre-1939 Army Square Division, but we certainly do need to put adequate aviation technology and structure in the AirLand Battle-Future division.

If there are inadequate spaces for an aviation brigade in divisions in a reduced size Army, then maybe we need to take another look at the basic division structure. Some have said future wars and contingency operations would be more like the Gulf where the ground forces supported the air and other long range systems. This should lead one to conclude that Army aviation will play a major role from the outset of operations instead of being held at corps for the "right" time for decisive action.

It will be interesting to see what the DESERT STORM data says about how many heavy battalions ever actually engaged the enemy compared to attack helicopter battalions that engaged the enemy. Some have stated, including GEN Foss in an *Army Times* interview, that our maneuver battalions are too large. In addition to being too large, maybe we also have too many heavy maneuver battalions in a division. A division of three brigades; each with three ground maneuver battalions may be a big waste of spaces. In fact, spaces have been added in the form of an engineer regiment to enhance the mobility of these ground-tied behemoths.

Maybe the ALB-F division should substitute a cavalry regiment for one of those brigades. This would provide three major ground maneuver elements with two infantry/armor brigades and a cavalry regiment. It is difficult to think of any future engagements where a division commander

"We must have adequate general support, attack aviation, and air cavalry in every division, regardless of the finite number of attack helicopters."

could not make great use of both an air cavalry squadron and a ground cavalry squadron. Both squadrons would be pure; the division and regimental commander would task organize per Mission, Enemy, Terrain, Troops, and Time Available (METT+T). This substitution of a smaller and more agile cavalry regiment for a larger heavy brigade would save significant spaces. (It would also end the argument as to where the air cavalry squadron would be assigned.)

Balanced Army

There is an absolute, irrefutable, unchallengeable requirement for heavy forces as envisioned in the Armor System Modernization program. The question is, where is the balance in our "balanced" Army of heavy, light, and special forces? The attack helicopter is a proven tank killer *inter alia*. Countless field tests, studies, and combat have shown the attack helicopter vs. the tank to have a favorable exchange ratio of about 20 or 30 to 1, but occasionally as low as 9 to 1 (if you go all the way back to the 1971 Ansbach Trials with the AH-1 Cobra for the 9:1); yet, the force developers continue to posit an Army with about eight tanks for every one attack helicopter!

Some have stated you can't have it both ways; a decisive attack helicopter force at corps plus two attack battalions in the division. I don't have the precise numbers, but it seems we already are fielding a strong attack helicopter capability now, at both division and corps level. Maybe the numbers are there. But this is not the most vital issue! We must have adequate general support, attack aviation, and air cavalry in every division regardless of the finite number of attack helicopters. And, these aviation elements must be employed and

sustained with appropriate command and control and support organizations.

Understanding the Mission

There seems to be some difficulty in our Army of understanding just what is the mission of aviation. There is absolutely no doubt that the intelligence gathering and firepower capability of the Comanche, Kiowa Warrior, and Apache will be critical and, in many cases, decisive on AirLand Battle-Future battlefields. But the Aviation Branch is much more than these three birds, and the Branch will normally be employed in a supporting role. Like the artillery, but aviation crews find their own targets and don't just wait to respond to a request for fire support. Again, aviation is much more than reconnaissance, target acquisition, and fire power. The mission of aviation must include general support to the force and an adequate amount of this must be organic to the division.

The Army over the years has had to make the tough decisions as to how much is vital, how much is affordable, and what is the right balance. Shouldn't we take another look? This will have to be a professional military judgement call—"subjective" judgement, as our analysts like to refer to it. There simply is no way to generate the "required objective data." There are no accredited models or simulations that can factor in the delta when you give a brigade commander a high tech C&C helicopter; what happens when superbly led cavalry troopers are employed at a critical point with the magic of modern heli-borne sensors; or what is the consequence when emergency ammo and fuel are delivered by a determined pilot of the log bird in adverse weather. ■■■■

24th Aviation Brigade: 'Battle of the Causeway'

By Colonel Burt S. Tackaberry

The following is the second half of an edited transcript of COL Tackaberry's 12 April 1991 presentation at the AAAA Annual Convention Professional Sessions.

We knew when the war started that there was nothing between the LD and 140 km north. We knew there was nothing in there that would affect us. On the 24th of February we crossed the border. At 1645 on the 24th we sent the Brigade Ground Tactical

CP across the border followed by the 1/24 Attack Helicopter Battalion's ground CP and a FARP consisting of class 3 and class 5. We sent it racing up the western sector right with the 197th Infantry Brigade. In the eastern sector we sent the 3/24 General Support battalion's ground tactical CP and another FARP consisting of class 3 and a cross section of the attack battalion's ammunition class 5.

Worst-caseing it. We had to get to Marilyn. It didn't matter which one but one of the CPs and FARPs had to get to Marilyn.

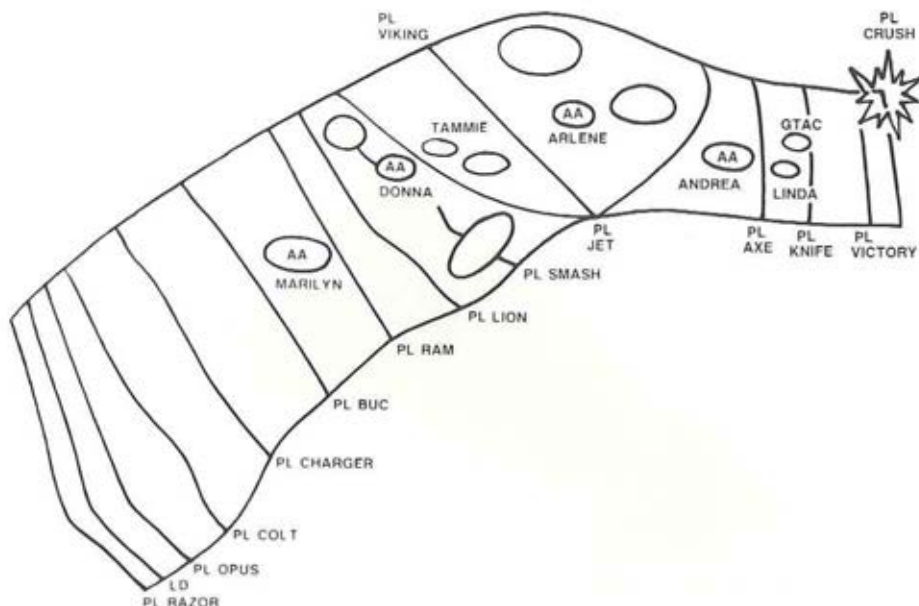
At 0300 the brigade's tactical CP, led by a young captain less than four months in grade, CPT Robert Douthit, convoyed up, set up, and had communication, multi-

channel, and FM with every divisional element we had to talk to. The Cav squadron's two air troops, had been out in front of the two infantry brigades all day and stayed out that night and never came back. They picked a site in the middle of the desert and loitered for the night. At first light the CP and the refueling points were set up at Marilyn. The Cav troops came in. One troop topped off and was out in front of the 2nd Brigade at first light helping them seize Objective Gray.

They stayed out with them until later on that afternoon, when the weather closed in. Later on 25 February, the ceilings came down. The wind and rain started. By about 2000 we had the "shamals". Fifty knot winds registered on the airspeed indicators in the aircraft. We placed HEMTT tankers in front of the small aircraft. All the pilots slept in the aircraft that night. The only thing, I think, that saved the Apaches was that they



COL Tackaberry is Commander, 24th Aviation Brigade, 24th ID, Ft. Stewart, GA.



were fully loaded with ordnance. Our frame tent didn't survive. I spent the night in the back of a HMMWV with the radios on.

Even in that storm, we launched out the brigade main with over 300 vehicles. It had three AVUM [Aviation Unit Maintenance] Companies, two battalions' and the Cav troop's AVUM units, and the Brigade Main CP and rear elements. They marched all night in that storm—driving under night vision goggles. We had been training the soldiers to drive under night vision goggles with no lights on whatsoever and they made it up that night just short of Marilyn. At the same time we kicked out the attack battalion's (1-24) FARP [Forward Area Refueling Point], and TAC CP [Tactical Command Post], knowing that the weather was closing us down.

I'll tell you very frankly I was very worried for Army Aviation because we were losing valuable time, and I was worried that the weather was going to close us out of the battle.

Realizing that as soon as the weather

broke we had to have fuel way up north, we skipped Donna, the next assembly area, and went way up into Tammie. The S-3 of the attack battalion, MAJ John Schnibben, took the FARP and his ground CP and went all the way up, almost ahead of the lead brigades.

The weather stayed bad all night and bad all morning. On the afternoon of the 26th, it started to break. I took the air CP up, verified the weather was good, and we set up the air CP late that afternoon in Tammie.

We brought the Apaches and OH-58Ds up. That night, at around 2100, the Deltas went up into the valley. They were the first aircraft up in the valley and they worked with the 1st and 2nd Brigades all night, coming back about 0300. Three o'clock that morning, the 27th, BG Scott called me and said, "Burt, the first thing in the morning, at first light, I'm going to give you an AO running from the south to the north on the 60 grid line running east of Jalibah airfield. You have everything you want east.

BATTLE OF THE CAUSEWAY

- 0726 — Notify Air Cav to Launch Vicinity 1st Brigade AO
- 0730 — Notify Attack Battalion to move to REDCON 1
- 0801 — D Troop TF AIR CAV Launches
- 0805 — Brigade AIR-TAC Launches
- 0825 — D Troop TF AIR CAV Makes Contact Vicinity the Causeway
- 0830 — A CO 1/24 Launches to HA
- 0915 — Brigade AIR-TAC/AIR CAV Occupy Blocking Positions Along Causeway
- 0930 — A CO 1/24 Engages Hamurabi Division of the RGFC
- 0945 — OH-58D Team on Station (Overwatch of Causeway)
- 1000 — C Troop Relieves D Troop TF AIR CAV on Station
- 1015 — B CO Relieves A CO 1/24 on Station
- 1040 — B CO 1/24 Breaks Station with no Remaining Targets
- 1100 — C CO 1/24 in Holding Area For Quick Reaction
- 1110 — 4/64 Armor Battalion Begins Movement up Road
- 1140 — C Troop TF AIR CAV Breaks Station
- 1200 — C CO 1/24 & AIR TAC Sweep East: Find and Engage
Enemy Armor and Logistics Convoy
- 1230 — C CO 1/24 Breaks Station with no Remaining Targets
- 1240 — AIR TAC Returns to Assembly Area

across the top of it, a .50 caliber was sticking up at us, but the soldier manning it went back down in the hole and let me fly over. We turned the vehicles and they went down the road heading east into Basrah.

The first aircraft from the Cav squadron arrived. There was a political question. We were out of our zone, but the enemy vehicles definitely came out of the area that was being developed. So I instructed the Cav troop commander to fire 20 millimeter across the front of the convoy. He did so and called back, "Sir, they're not stopping." So I said, fire your rockets across the lead vehicle, don't hit it, just fire in front of it.

He said, "I did, and they won't stop."

I told him to take it out with the TOW. I got in behind the lead Cobra. What a magnificent sight it was, to see that TOW leave the launcher rail and head up in the air. The first round hit and the vehicle exploded for 30 minutes. It was an ammo truck up on a dike, and therefore none of the other 150-200 vehicles—could make it across.

The Cav troops bottled them up. We brought the attack battalion in from the northwest, and they went into their battle positions almost four miles away from the targets. Once the attack battalion started with the first attack company, they quickly

destroyed four or five vehicles at the choke point of the causeway. After that, there was no way that they could get the vehicles across.

Once we realized there was no way for the enemy to cross the causeway effectively, I pulled the Cav troop and put OH-58Ds up in the area. They used their great optics and kept it blocked and observed for the next four hours while two attack companies worked the entire area.

They fired 107 Hellfires ... five of them missed. What a tremendous system. Intelligence had it from a captured Iraqi tank commander that when the first vehicle exploded, they looked around and couldn't find out what was killing it. They saw nothing ... there were no tanks around. The second one exploded. Still no tanks around. They couldn't see what had just killed it. The rest of the Iraqis left their tanks and were gone. It was a turkey shoot from there on out.

Later on that morning, the third attack company arrived at a holding area west of the causeway, awaiting further targets. They were about ready to return to Assembly Area Andrea when they were informed that more enemy vehicles were coming into their sector from the east. The Apache company was sent down to the south. They found two T-72s and three or four BMPs and destroyed them.

Overview

That was basically the end of the war for us in the Euphrates River Valley. It was a race of 370 kilometers in less than 100 hours. Our BDA count was:

Tanks: 38

BMP/APC: 69

Trucks: 74

Artillery: 19

Frog: 6

ZSU: 17

BM-21: 1

Very admirable for the two to three days that the attack helicopters were used. It says a lot about our technology. Again, a race of 370 kilometers in less than 100 hours. We jumped the brigade tactical ground CP six times in four days. We

jumped FARPs five times in four days, and the main CP for the brigade, with all AVUM companies, jumped four times.

We did have subsequent operations in that we were given OPCON of another infantry battalion and became the rear guard as the division pulled out. We had the responsibility with the Apache battalion and the brigade CP to guard the rear of the division and specifically a refuel point halfway between the Euphrates River Valley and the Saudi border.

They said it couldn't be done, but the brigade statistics OR rate prove them wrong. I'm very proud of it. I'm proud of the soldiers that made it happen. The UH-1s were the lowest, 74, because the engines quit on us in the sand, but once we got the IPS on we never had a problem with them again.

We could have had over 90 percent in the Apaches, but I made a concerted decision to put three to five Apaches down at one time to get the blades taped. I knew that January was going to be the big month and I didn't piecemeal it. We got the blades taped so we would go in to war as an entire attack battalion.

Make no bones about the UH-60. What a work horse. It flew more hours than anything else did. And it was done in this division in a GS role, not an air assault role.

We started to come out of the Euphrates River Valley back into Saudi Arabia, and back into the ports of Dhahran two and a half weeks later. AVSCOM was there at the end, wrapping our aircraft up and putting them on the ship.

It was a great experience. We succeeded because 15 years ago, General Officers said, "We're never gonna do it again. Throughout history, we entered every single war ill-prepared, ill-equipped and ill-trained."

Not this time. Because leaders, both in Congress and military, said "Never again." We had soldiers that were trained and we had the technology. With technology, we saved lives. It was the soldiers that did it. It was a great luxury and a great honor to be at the right place at the right time to command a great brigade. The soldiers did what they were told to do magnificently. ■■■■



Kiowa Warrior PEO Perspective

By Brigadier General Dewitt T. Irby

Although I have only recently assumed responsibility as the Program Executive Officer, Aviation, I have been able to observe Army aviation systems, in detail, as the Deputy Commanding General of Aviation Systems Command (AVSCOM). I

have been intimately involved and have closely monitored the success and our ability to support Army Aviation during Operation JUST CAUSE, Operation URGENT FURY and Operation PRIME CHANCE, while a member of the Office of Joint Chiefs of Staff (OJCS).

It was during Operation PRIME CHANCE (OPC) that I became aware of the capabilities of the OH-58D and the tactical advantages of a full weapons suite on this aircraft. I can tell you that the OH-58D OPC aircraft stopped the night gun boat attacks on the world's oil tanker fleet overnight, and to the present, have kept the Gulf Sea lanes free from attack. The aircraft were so successful and have proved so valuable to

the Theater Commander that we have been unable to get them released back to the Army.

History

From the First Unit Equipped (FUE) in February 1987 until today the OH-58D has surpassed even the Army's expectations. Its superior performance during REFORGER 87, subsequent exercises at the National Training Center and Operation PRIME CHANCE have produced rave reviews.

These successes and the age of the AH-1 and OH-58A/C fleets, coupled with budget realities, demanded the Army relook its decision to only provide Air-to-Air Stinger as armament for the OH-58D. The Army subsequently considered adding the same PRIME CHANCE Air-to-Ground weapons suite to the OH-58D fleet, however, integrating these weapons into the (PEO Perspective — continued on pg. 28)



BG Irby is Program Executive Officer, Aviation St. Louis, MO.



The Enemy's Worst Nightmare

By Colonel James T. Huey

The OH-58D program has been an evolution in both technology as well as name. Although, I became Project Manager, Army Helicopter Improvement Program (AHIP) 1 April 1988 that was not always the program name. In 1974, Colonel Ed Browne

(later MG Ed Browne) became the first Project Manager for what began as the Advanced Scout Helicopter (ASH) Program to provide the Army with a scout equal in technology to the Advanced Attack Helicopter Program.

However, in November 1979 the ASH Special ASARC, although recognizing the need for a new scout helicopter, knew that affordability and time demanded a near term program. Therefore, they directed a near term program using a modified existing airframe with incorporation of a mast mounted sight.



In 1981 a formal Request for Proposal was released to industry and a Source Selection Evaluation Board met from

**COL Huey is Kiowa Warrior
Project Manager,
St. Louis, MO.**

April to September 1981, eventually selecting Bell Helicopter Textron, Inc., as the winner. The program charter was revised in August 1985 to officially change the name from ASH to AHIP. The Secretary of the Army proposed changing the name to Kiowa Warrior in his Decision Memorandum of 8 January 1990, pending legal review. That process has been completed and the official name of both the OH-58D aircraft and the Project Manager's Office is now — Kiowa Warrior.

The name change is distinctive and befitting the advanced technology and weapons on the improved OH-58D coming off the production line as of this past May vice the older, less capable OH-58A/C Kiowa aircraft.

OH-58D Firsts

Although other articles will go into further detail regarding improvements let me

KIOWA WARRIOR PROJECT MANAGER'S OFFICE

COL James Huey
Project Manager
Kiowa Warrior
(SFAE-AV-ASH)

Mr. John Shannon
Deputy Project
Manager
(SFAE-AV-ASH)

LTC Jack Leib
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(SFAE-AV-ASH-L)

**Mr. Charles
Lines**
Chief, Program
Management Div
(SFAE-AV-ASH-P)

**KIOWA WARRIOR
PROJECT MANAGER'S OFFICE**
4300 Goodfellow Blvd., St. Louis, MO 63120-1798
Autovon: 693-1360
Commercial: (314) 263-1360

**Mr. Rick
Ramey**
Procurement &
Production
Officer

remind the reader that the OH-58D was the first Army aircraft with a full 1553B data bus, the first fully integrated cockpit (glass cockpit), the first aircraft to be 100% fully night vision goggle compatible and the only Army helicopter to win the Daedalian Weapon System Award as the outstanding weapon system developed by the Army.

Goals

The goals of the Kiowa Warrior Project Manager's Office are to maintain tight configuration control, improve the quality of fielded aircraft, and provide for future upgrades. Some important upgrades that will be fielded next year with the Kiowa Warrior are: improved high/hot engine performance, improved transmission (455 shp to 550 shp), video tape recorder (8mm, 875 to 575 line, 2 hour recording capability), SINCGARS, improved processors, multi-purpose light helicopter kits, MGW increase from 4500 to 5500 lbs, EME hardened (shipboard compatible), data loader, additional ASE provisions (ALQ-144, APR-44, AVR-2), ANVIS Display Symbology System (NVG HUD), etc.

The Future

Additional items that we are exploring and which may be fielded soon are a limited flight data recorder through the data loader system, enhanced waypoint system, embedded training and a video downlink capability. A two stage, four year engine program is also underway to improve aircraft power margins at 4K/95 degrees F, increase TBO, and reduce operation and support costs compared to the aircraft coming off the production line today.

Three years ago when I became the fourth OH-58D Project Manager I accepted the 100th AHIP. We have come a long way in three years - from the basic OH-58D to the Kiowa Warrior. Our goal in the Project Manager's Office is to deliver to the soldier in the field a better aircraft than the one he has today. The OH-58D Kiowa Warrior is the most versatile, advanced scout helicopter in the world today. It has no equal. It is truly, "The enemy's worst nightmare."

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PEO Perspective continued from page 25

aircraft in a more structured manner.

That decision was made by the Secretary of the Army, in a Decision Memorandum on 8 January 1990. That Memo also changed the OH-58D AHIP (Army Helicopter Improvement Program) to Kiowa Warrior and on May 1, 1991 the Project Manager's name was officially changed to Kiowa Warrior. The 8 January, Decision Memo also added the Air-to-Ground weapons to all OH-58D aircraft and selected it as the Army's Multi-Purpose Light Helicopter (MPLH). As the MPLH, the Kiowa Warrior meets the 82nd Airborne Division, 18th Airborne Corps' requirement for the forced entry mission of contingency forces.

Fielding

Congress directed the Army begin provisioning the OH-58D to accept the Air-to-Ground weapon suite in our FY 89 buy. These provisions were incorporated along with a number of other modifications to reduce both costs and configuration perturbations.

The first provisioned aircraft was accepted by the Army in May 1991. However, fielding to the training base and tactical units will not begin until next spring to allow for completion of the required testing, manual changes, etc., that are necessary prior to putting the aircraft into the fleet.

As other articles in this issue will describe, the OH-58D Kiowa Warrior adds significant enhancements to the already highly successful aircraft many of you are familiar with. OH-58Ds will be fielded to cavalry squadrons, attack helicopter battalions, and target acquisition and reconnaissance units in selected light divisions and corps.

The OH-58D Kiowa Warrior is a significant enhancement to the Army's inventory and answers the need for a light, versatile, armed helicopter. It is truly a Multi-Purpose Light Helicopter.

||||



A Potent Combat Multiplier

by

Colonel Ted D. Cordrey and CW3 Blaine Pendleton

OH-58D ... "the Army's most versatile aircraft—now validated in combat!" These are the words being used to describe the OH-58D Kiowa Warrior's recent performance during Operations DESERT SHIELD and DESERT STORM. The OH-58D played a major role in

one of the most successful military operations of all time. The lethality and versatility of the aircraft were utilized to exploit the capabilities of multiple weapon systems from the Army as well as the Air Force, Navy, and Marine Corps.

A Marriage Made in Heaven

OH-58Ds, sometimes referred to as "AHIPs" (for Army Helicopter Improvement Program), were in high demand throughout the theater of operations during DESERT SHIELD/STORM. Every deployed U.S.

Division and Corps was provided OH-58D assets as part of their respective task organization. Many units task organized their OH-58Ds and AH-64A

COL Cordrey is TRADOC Systems Manager-Scout, Ft. Rucker, AL.

Apaches. One source noted these "hunter killer teams ... would destroy 15 to 20 tanks per mission" and that the war demonstrated the OH-58D and Apache team "does work and does do the job." Another unit described OH-58Ds and AH-64s as "a marriage made in heaven." In one operation, widely covered by all the news media, two OH-58Ds working with two Apaches destroyed 14 Iraqi bunkers and captured 450 to 500 prisoners of war. They also proved to be extremely effective working with the Field Artillery, employing both conventional and laser guided munitions. During one particular mission in Iraqi territory, two OH-58Ds operating autonomously encountered

CW3 Pendleton is Assistant TRADOC Systems Manager-Scout, Ft. Rucker, AL.





unexpected anti-aircraft emplacements and several enemy bunkers. To counter the threat, they called for Copperhead laser guided artillery rounds, designated for them, and destroyed all of the hostile positions.

Tactical Reconnaissance

The OH-58D has consistently received accolades for its outstanding reconnaissance capability during training exercises. After one particular National Training Center (NTC) rotation, an assistant division commander said, "We were never surprised by the NTC OPFOR (Opposing Forces) because of the OH-58D." Actual combat proved no different. An Air Cavalry Squadron Commander who had OH-58Ds attached to his unit for DESERT STORM said, "The OH-58Ds provided the only useful real-time intelligence at the tactical level." Similar testimonials from other DESERT STORM participants underscore the true impact this aircraft had on the reconnaissance battle.

Joint Service

During DESERT SHIELD, OH-58Ds spent considerable time working with Marine Corps AH-1W Cobras. The OH-58Ds and Marine AH-1Ws conducted team battle drills organized in the traditional Scout Weapons

Team (SWT) fashion. As with the employment of OH-58Ds and AH-64s, this combination proved to be very formidable. Air Force tactical fighter aircraft discovered first hand the synergistic effect obtained when working with a highly capable Army scout. During DESERT STORM, OH-58D provided the "fast movers" with detailed target information on Iraqi threats. The overwhelming success of the air campaign reinforces the need to institutionalize and further develop this particular Army/Air Force relationship. Prior to the Gulf conflict, the OH-58D was being studied as a potential platform for an Air Force Heliborne Forward Air Controller (FAC). The intent is to place the FAC in the left seat of the Warrior and take advantage of the advanced systems and survivability features to orchestrate the Close Air Support (CAS) mission. DESERT SHIELD and DESERT STORM activities should greatly accelerate this joint effort.

4-17th Cav

The 4-17th Cavalry, formerly Task Force 118, has performed armed reconnaissance in the Gulf region since early 1988. These Hellfire, Stinger, 70mm rocket, and .50 cal machine gun equipped OH-58Ds are credited with shutting down Iranian fast attack boat operations during the Iran-Iraq War. DESERT STORM provided another

opportunity for this highly qualified unit to demonstrate that Army Aviation owns the night. As with their previous activities, the 4-17th continued operating from Navy ships while supporting the new campaign. One participant said, "OH-58Ds were the heroes of the Naval war."

The 4-17th yielded DESERT STORM's first Enemy Prisoners of War (EPWs). It occurred during a mission in which they destroyed several Air Defense Artillery sites on sea-based oil rigs with Hellfire missiles and 70mm rockets. The 4-17th was also credited with liberating the first Kuwaiti land. Their OH-58Ds attacked enemy positions on an island, captured over 50 Iraqi soldiers and numerous individual and crew served weapons. There is a great video tape of an OH-58D pilot accepting the Iraqi surrender while another aircraft provides cover.

The unit also performed armed reconnaissance and security over land for British and American Special Forces during the retaking of their respective Embassies. Other OH-58D DESERT STORM accomplishments include the rescue of an Air Force crew that ejected over the Persian Gulf, the destruction of an Iraqi Silkworm anti-ship missile platform, and the sinking of four Iraqi patrol boats.

Validation

DESERT SHIELD and DESERT STORM proved that Army Aviation has a vital role to play in Air-Land Battle doctrine on the non-linear battlefield. The OH-58D was a key player in this proof of principle. It demonstrated without question that it is the most capable reconnaissance helicopter in the world today. It adds a new dimension to the combined arms team. We salute the successes of all OH-58D units and proudly pass along just a few of their many contributions in defeating the Iraqi military machine.

With the aircraft's performance in operations DESERT SHIELD and DESERT STORM, Army Aviation can look confidently to the future. OH-58Ds truly made a difference. Congratulations on a job well done!



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Multi-Purpose Light Helicopter



By Mr. Charles W. Lines, Jr.

In August 1987, the Joint Chiefs of Staff Directed initiation of Operation PRIME CHANCE to modify 15 OH-58Ds with weapons for use in the Persian Gulf. These aircraft were delivered to the 18th Aviation Brigade, XVIII Airborne Corps, between December 1987 - April 1988

and have seen continuous duty in Southwest Asia, including Operation DESERT SHIELD/STORM. Although the weapons were added on rather than integrated with the other systems in these aircraft, the PRIME CHANCE aircraft were an immediate success. This success led to a modified Required Operational Capability (ROC) that defined the requirements for the Armed OH-58D. The contingency mission of the XVIII Airborne Corps led to the development of an Operational Needs Statement (ONS) in 1988 for an armed aircraft capable of being configured with a cargo hook, litters, and troop seats. The ONS also required a rapid deployment capability. Due to the broad capability of

such an aircraft, it became known as the Multipurpose Light Helicopter (MPLH). At a rapid deployment demonstration at Fort Bragg in March 1990, the Armed OH-58D proved its ability to meet the MPLH requirements.

Kiowa Warrior Configuration

The OH-58D MPLH configuration will have fully integrated weapons capability for Hydra 70 rockets, .50-caliber machine gun, and both Air-to-Air Stinger (ATAS) and HELLFIRE missiles. It will also have a 2,000 lb. capacity cargo hook, external litter/cargo/troop carriers, and be C-130 air-transportable. These improvements will be incorporated into the production and retrofit lines in conjunction with a number of other improvements (Chart 1).

In June 1989, HQ DA, in compliance with FY89 Congressional language, directed that the Army Helicopter Improvement



Mr. Lines is Chief, Program Management Division, Kiowa Warrior PMO, St. Louis, MO.

- ADSS
- UNIVERSAL MOUNT
- ATGW - HELLFIRE
70MM ROCKETS
.50 CAL
- ATAS
- M-43 MASK
- AVR-2
- AN/ALQ-144
- AN/APR-44
- VIDEO RECORDER
- SINCARS

- IMPROVED ENGINE
- IMPROVED
TRANSMISSION
- EME HARDENED
- ISP
- DATA LOADER
- CDS, MMS PROCESSOR
UPGRADES
- MPLH PROVISIONS/KITS
- AIRFRAME BEEF-UP
- MGW - 5500 LBS

Program (AHIP) Project Manager (PM) put MPLH provisions on as many of the Lot 6 (FY89) OH-58D aircraft as possible, within available funding. Consequently, the last six aircraft in Lot 6 and all future production lots will have MPLH provisions. These aircraft begin delivery in May 1991 and continue, at the rate of three per month, through Lots 7 (FY90) and 8 (FY91). Lot 8 is currently the final production lot and those aircraft are scheduled to go to the Army National Guard.

The Army Systems Acquisition Review Council (ASARC) in August 1989 decided to retrofit all OH-58D aircraft to the armed configuration. Initially, only 81 OH-58D's were to be equipped with MPLH kits, i.e., cargo hook, external carriers, and rapid deployment kit. Then in May 1990, HQ DA decided to equip all OH-58D aircraft as MPLH. The remaining 197 fielded aircraft will be converted to MPLH when they go through the retrofit line during the FY92-95 time period.

Weapons Pylons. Weapons pylons are similar to the PRIME CHANCE pylons, but the central tube through the bottom of the

avionics bay has been eliminated, saving both space and weight. Loads from the pylons are attenuated by the fittings which are now integral parts of the left and right sides of the fuselage. The pylons have outboard hinges which allow the weapons racks (and weapons, if installed) to be rotated upward and inward for conserving storage space when hangaring or airtransporting the aircraft. Individual parts which were machined hogouts on PRIME CHANCE aircraft have been designed as forgings or castings for production and retrofit.

Transmission (550 SHP @ 100% Main Rotor RPM). The Production Armed OH-58D operates at increased gross weight and power levels when compared to the basic OH-58D. Accordingly, the aircraft will have an improved transmission rated at 550 shp (OH-58D rating was 455 shp). The transmission has been qualified by 148 hours of bench testing at 125% of 550 shp (688 shp) and 50 hours of round tiedown testing at 550 shp.

Engine (Allison T703-AD-700A with Improved Diffuser). The engine has been upgraded with an improved diffuser which will provide more power at cooler temperatures at 4,000 ft/95°.

Weapons System. The weapons system consists of all the equipment necessary to delivery munitions to a variety of air and ground targets. The weapons system is an integrated system including the Hellfire, ATAS, Hydra 70 rockets, and a .50-caliber machine gun. Either the Pilot Display Unit (PDU) or Mast Mounted Sight (MMS) can be used as a targeting display.

The weapons system is integrated with the Controls and Display System (CDS) so that the weapon selection and operation are controlled through a new Integrated System Processor (ISP) computer and the existing Master Controller/Processor Units (MCPUs). Selected items are displayed to the flight crew on the Multi-Function Displays (MFD).

The primary control units of the weapons system are the ISP and the Armament Electronics Unit (AEU) with its associated Armament Control Panel (ACP). The AEU controls the power, arming and firing functions for the weapons, working with the ISP for full operation of the weapons. The AEU also can operate gun, rockets, and ATAS in the event of an Integrated System Processor failure.

Hellfire is primarily an air-to-ground, laser-guided, antiarmor missile system. The Kiowa Warrior is capable of carrying two Hellfire missiles on each side of the aircraft. The Hellfire system can be fired and guided autonomously to the target by the laser designator in the MMS, or it can be guided by other ground or air based laser designation. Hellfire missile cueing or steering indications are displayed on the MFDs.

ATAS is an airborne, IR-guided, anti-aircraft missile system. The Kiowa Warrior is capable of carrying two ATAS missiles on each side of the aircraft. The system uses passive IR detection to acquire aerial targets. Target acquisition is displayed on the Multi-Function Displays and the Pilot Display Unit, with additional MMS-based steering indications being displayed on the MFD.

The Hydra 70 is a rocket system capable of delivering a variety of ordnance to ground targets. The Kiowa Warrior is able

to carry seven rockets on each side of the aircraft. Range-related target sighting is displayed on the PDU and the MFD, with additional MMS-based steering indications being displayed on the MFD.

The Kiowa Warrior will carry a .50-caliber machine gun with 500 rounds and is mounted on the left side of the aircraft. Range-related target sighting is displayed on the PDU and the MFD, with additional MMS-based steering indications being displayed on the MFD.

Controls and Display System (CDS). The Armed OH-58D provides the capability to perform a number of new missions. In order to address the different mission possibilities, the CDS had to be modified to recognize new equipment installed and to present the appropriate displays to the flight crew. Six new switches were required to control the 14 added subsystems. By integrating the new subsystems into the existing CDS, various stand-alone control heads required on the PRIME CHANCE aircraft have been deleted.

In order to accomplish this integration, a new processor, called the ISP, was designed and installed. This unit provides the necessary computer to communicate with the added subsystems and to incorporate their functions into the MIL-STD-1553B data bus.

New integrated features are as follows:

- **ARC-201 SINCGARS Radio.** This new subsystem integrates a "frequency hopping" capability into the existing communications suite. The CDS will allow the installation of either the new ARC-201 or the existing ARC-186 radios, automatically presenting the correct control/display format to the crew.

- **ARC-164 HAVEQUICK I and HAVEQUICK II.** The existing ARC-164 software package has been augmented to accommodate the frequency hopping capability. As with the ARC-201, the system automatically accepts any version of the ARC-164, HAVEQUICK I and HAVEQUICK II.

- **Data Transfer System (DTS).** The DTS enables the flight crew to quickly load the CDS with the required mission parameters. A DTS cartridge is programmed prior to entering the aircraft and eliminates much of

the time required to prepare the aircraft for takeoff. Examples of items that can be loaded are:

- Communication frequencies and presets.
- NAV waypoints and target coordinates.
- Flight plan.
- IFF mode codes.
- Pilot/Copilot checklists.
- Stores and loads three missions per cartridge.

The data loader also has the capability to record data in flight from the CDS for download and post-mission review.

● **ANVIS Display Symbolology System (ADSS).** The Honeywell ADSS has been integrated to provide night vision head-up display information to the flight crew. The ANVIS Display Symbolology System consists of drive electronics located in the ISP plus a small, lightweight, heads-up display called the Optical Display Assembly (ODA) which mounts directly to the pilot's and copilot's ANVIS goggles. The drive electronics contain an image generator that projects a display in the ODA which is superimposed on the real world.

● **Video Tape Recorder.** The CDS has been modified to add the capability of operating a video tape recorder from the pilot/copilot-observer controls. In addition to the usual start/stop/rewind functions, the CDS has been modified to provide 2X zoom features and an output format either 525 or 875 video lines.

● **M-43 Mask.** The M-43 Aviator's Mask provides nuclear, biological, and chemical (NBC) respiratory protection and is compatible with NVG night vision systems. The M-43 has a wide field of view and the ability for close optical coupling. NBC filtering is provided by a portable blower which automatically converts from battery to aircraft power when attached to the aircraft electrical system. For emergency egress, the air hose and filter canisters automatically disconnect from the blower to maintain clean breathing air. The system uses either the M-133 or the M-166 microphone for communications.

● **Aircraft Survivability Equipment (ASE).**
-APR-44(V) 3 radar warning system.
-ALQ-144(V) 1 IR jammer.

-AVR-2 Laser Detection System.
-APR-39A(V) 1 radar warning system.

The preceding systems are now integrated into the CDS. The crew uses the CDS switches and displays to activate the individual systems and to perform built in tests (BIT). The displays and audio cues unique to each system are controlled through the CDS.

● **ATAS Integration.** The ATAS is integrated into the CDS to allow the missiles to be aimed and fired at long range targets via the MMS optics. If the pilot wishes to engage a target, he selects the ATAS "sparse" display, decluttering the display of unneeded information and adding an ATAS tracking and acquisition reticle. When the target is acquired, the display will automatically go to the "tracking" mode which enables the pilot to ensure that he is locked onto the proper target.

● **Pilot Display Unit (PDU).** The PDU is a heads-up sighting device for employment of the ATAS missile. The sight can also be used to aim the .50-caliber gun and the Hydra 70 rockets.

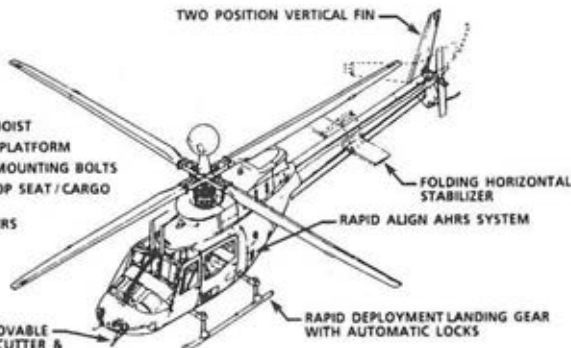
The pilot can perform all functions of the ATAS launch using hands-on controls and the PDU heads-up sighting system. During the dynamic environment of helicopter air combat, the pilot is required to be head-up as much as possible. A combination of the target acquisition capabilities and direction to target cues of the MMS coupled with the hands-on, heads-up employment technique of the PDU provides an excellent air combat system.

Troop Transport. A side-facing bench/platform will be attached on each side of the fuselage just under the door frame, beginning at the aft edge of the forward door and extending to the aft fuel cell bulkhead. Seat belts and tiedown provisions are included to allow transportation of cargo or three troops seated on each side. The platforms are quickly removable to allow standard operation of the aircraft. In this configuration, the MPLH can be operated as a utility, cargo, troop transport or can also carry one litter on each side.

Medical Evacuation. With the addition of another platform just above the troop seat

- MMS/UTILITY HOIST
- MMS SUPPORT PLATFORM
- CAPTIVE MMS MOUNTING BOLTS
- EXTERNAL TROOP SEAT/CARGO PLATFORM
- EXTERNAL LITTERS
- CARGO HOOK

QUICKLY REMOVABLE
LOWER WIRE CUTTER &
UHF ANTENNA



platform, the MPLH can be converted into a medical evacuation aircraft with the ability to carry two litters per side. In this configuration, the platforms can be utilized for either litters or cargo. Both Stokes metal framed litters and standard Army canvas litters can be carried interchangeably. This kit would be used by units when normal UH-60 medevac aircraft were unavailable, e.g., 82nd Airborne Division forced entry mission. It is in no way intended to perform medical transport as a primary mission.

Cargo Hook. The simple addition of an external Cargo hook presently available as a kit for Bell Commercial Model 206 helicopters will give the MPLH the capability to carry up to a 2,000 lb. external sling load. This hook assembly can be quickly installed and removed to accommodate rapid deployment requirements and is secured in a stowed position during operations not requiring use of the hook. This allows the MPLH to operate normally with the hook installed and no external load attached.

Rapid Deployment.

• **Folding Horizontal Stabilizer.** A two-position folding horizontal stabilizer has been added as part of the Armed OH-58D. The outboard two thirds of each side may be folded upwards to a stowed position. This allows the helicopter to be stored in smaller areas or loaded aboard air transport aircraft in greater numbers. For normal operation, the end pieces are extended and held in place by expandable bolts.

• **Two-Position Vertical Fin.** The two-

position vertical fin was developed as an integral part of the Rapid Deployment Kit to allow rapid egress and ingress on C-130 and C-141 air transport aircraft.

• **Air Transportability.** As recently demonstrated in Southwest Asia, the national strategy of our country dictates that its Armed Forces must be capable of projecting elements of combat power to many locations around the world. This projection may include deploying U.S. Army units by Air Force transport aircraft. Therefore, future employment of the OH-58D demands movement by this means to any critical area of operations. To ensure that the Army has the capability for forced entry contingency operations, a rapid deployment air transportability kit has been developed for the OH-58D. Two helicopters in this configuration can be loaded into a C-130 transport aircraft (or four helicopters into a C-141 aircraft), quickly off-loaded, reassembled, and flown away to meet the enemy threat. Reassembly has been kept short (demonstrated 10 minutes) to reduce the risk of discovery and/or attack by the enemy.

Future plans call for further improvements to the engine, a dual mode (training/tactical) eye safe laser, and the addition of the Global Positioning System, Radio Frequency Interferometer, and Video Downlink. The Kiowa Warrior is the result of innovative engineering, aggressive management, and Army/Industry teamwork. Expanding the OH-58D's capabilities with MPLH kits results in a truly versatile aircraft that will meet the Army's needs for years to come.



Warrior Test Program

By Lieutenant Colonel Stephen G. Kee

The heart of the Kiowa Warrior test program is the contractor testing in support of the airworthiness qualification program developed by the Directorate of Engineering, Aviation Systems Command. Bell Helicopter Textron, Inc. (BHTI), the developer of the

OH-58D, is conducting the contractor tests with support from McDonnell Douglas Electronics Systems Company (MDESC), developer of the Mast Mounted Sight (MMS) and Honeywell, Inc., developer of the Control Display System (CDS). There are many contractor tests witnessed by the government (i.e., Defense Plant Representatives Office and the Electronic Proving Ground) which have not been specifically listed in this article. While the importance of these tests is not diminished by this omission, the focus is on the major tests.



One key to the success of the Warrior test program has been the cooperation of the various testers and evaluators, both

LTC Kee was Asst. PM for RDTE, Kiowa Warrior PMO, at the time this article was written.

government and contractor. Redundant tests, those conducted by a contractor and then repeated by the government, have been eliminated through joint tests or government oversight. Every effort has been made to include the user and the independent evaluators from the Army Materiel Systems Analysis Agency (AMSAA) and the Operational Evaluation Command (OEC) in the development of the test program. The TRADOC System Manager (TSM)-Scout has been instrumental in ensuring that users in several units, standardization instructor pilots from the Directorate of Evaluation and Standardization (DES), and trainers from the Aviation and Field Artillery Schools have been involved.

Of particular importance has been the effort to track and resolve the problems that have been discovered during the test program. A special Warrior Action Team has

been created by the AHIP PM to track and expedite resolution of problems identified during the test program. The team has members from the three major contractors (BHTI, MDESC, and Honeywell), the AHIP PMO, and the TSM. This team has been extremely successful. Problems identified early in the test program were corrected and incorporated into the aircraft quickly so that the fixes could be verified. Care was taken to exclude these fixes during a particular test except when the problem would have prevented test accomplishment. This exclusion prevents configuration changes which might obscure test results. In some cases, tests were extended to verify corrective action rather than waiting for the next test opportunity.

Technical Tests

The technical test portion of the program was designed to maximize the effective use of the three preproduction aircraft and to take advantage of facilities and conditions at various test sites. The technical test program is comprised of eight separate tests:

- Aircraft Survivability Equipment (ASE) Verification;
- Preproduction Qualification Test (PPQT) of the Mission Equipment Package (MEP);
- Electromagnetic Environment Testing;
- Preproduction Qualification Test (PPQT) of the 5,500 lb OH-58D;
- Built-in Test/Fault Detection Location System (BIT/FDLS) Validation Test;
- Preliminary Airworthiness Evaluation (PAE);
- Reliability, Availability, Maintainability (RAM) Qualification Test;
- Airworthiness and Flight Characteristics (A&FC) Test.

The ASE Verification test was conducted at China Lake in November 1990. The test was originally designed by the Aviation Technical Test Center (ATTC) and the Aircraft Survivability Equipment (ASE) PMO as a First Article Test of the AVR-2 Laser Warning Receiver. However, after coordination, the test was expanded to include verification of the entire ASE suite on the Warrior.

The PPQT (MEP Qualification) was conducted at Yuma Proving Ground (YPG) from November 1990 to March 1991. It was designed to verify the integration of the following approved materiel changes.

- Air-To-Air Stinger (ATAS);
- SINGARS;
- Data Loader;
- ANVIS Display Symbolology System;
- Video Recorder;
- M-43 Mask;
- AN/AVR-2 Laser Warning Receiver;
- AN/APR-44 Continuous Wave Radar Warning Receiver;
- AN/APR-39A(V)1 Pulse Radar Warning Receiver;
- AN/ALQ-144 Infrared Jammer;
- Air-To-Ground Weapons Provisions.

Development of the test plan was coordinated with ATTC, AMSAA, YPG, and the AHIP PMO to ensure sufficient data would be available to the independent technical evaluator from AMSAA for his evaluation. Several test runs were conducted under Mission Oriented Protective Posture (MOPP) IV conditions. The use of the Mast Mounted Sight as a sighting device instead of the Pilot's Display Unit (PDU) was extremely successful. The Warrior demonstrated the ability to accurately fire Stingers well beyond the visual range of the PDU. In addition to approximately 500 captive flight trainer runs, three Stinger missiles were fired at a stationary panel. The first was fired on a clear day at 2,000 meters using the PDU, the second on a clear day at 2,000 meters using the TVS of the MMS, and the third at 4,000 meters at night using the TIS of the MMS. All three shots were direct hits on the panel. A laser designation accuracy problem was discovered during the test and resulted in an extensive investigation to determine the cause, correct it, and verify (retest) the correction.

Electromagnetic Environment

Electromagnetic Environment testing was conducted at the Naval Surface Warfare Center in Dahlgren, VA. The Warrior was tested to the standards defined by the Electromagnetic Environmental Effects (E³)

Committee. The test was divided into two phases. The first phase, conducted November-December 1990, tested the OH-58D configured with the .50 caliber machinegun and Hydra 70 (2.75 inch) rockets. This phase focused on the mission equipment. Several problems were discovered and corrected before the second phase. In addition, a Hazards of Electromagnetic Radiation to Ordnance (HERO) test was successfully completed during December 1990. The second phase is currently underway (June-July 1991). The test aircraft is configured with Air-To-Air Stinger (ATAS) and Hellfire. At the completion of phase two, a two week Testing Electromagnetic Propagation and Evaluation for Secure Transmission (TEMPEST) test will be conducted by BHTI at Dahlgren with assistance from the Avionics Research Development Activity (AVRADA).

The Built-In Test/Fault Detection Location System (BIT/FDLS) Validation Test will be conducted August-September 1991 at the BHTI facility in Hurst, TX. BIT/FDLS testing of the basic OH-58D was extremely limited. The goal of the Warrior BIT/FDLS test is to document with statistical confidence the built-in test and fault detection capability of the basic OH-58D as well as to test the new boxes. The modifications to the Test Support System (TSS) will also be tested at this time.

A Preliminary Airworthiness Evaluation (PAE) will be conducted during August-September 1991 at the BHTI facility in Hurst, TX. It will be a joint contractor/government evaluation. The Airworthiness Qualification Test Directorate (AQTD) of the Aviation Technical Test Center (ATTC) will conduct the government portion of the test. The PAE is required due to the increase in maximum gross weight from 4,500 lbs to 5,500 lbs.

The PPQT (5,500 lbs Qualification) is planned for September-November 1991 at YPG. It is designed to test the structural integrity, handling qualities, and air-to-ground weapons integration of the Armed OH-58D. Each of the air-to-ground weapons (Hellfire, .50 caliber machinegun, and

Hydra 70 Rocket System) will be extensively tested. The 5,500 lb PPQT is mainly a contractor (BHTI) test. The test plans support the airworthiness qualification of the Kiowa Warrior. Test results will be reviewed by the AVSCOM Directorate of Engineering to support issuance of a Statement of Airworthiness. The Army Environmental Hygiene Agency will analyze noise data collected by BHTI and may collect fume data for the Warrior Health Hazard Assessment.

A Production Qualification Test (PQT) will be conducted in October-November 1991 at YPG. The test plan was developed jointly by AMSAA, ATTC, TSM, YPG, and the AHIP PMO. The purpose of this test will be to confirm the effectiveness of the manufacturing process, equipment, and procedures. Fixes to problems found during previous tests will be verified.

The RAM Qualification Test is planned for January-December 1992 at Fort Rucker, AL. The test will be conducted by the ATTC. An aircraft will be flown for 1,000 hours to verify the engineering RAM estimates for the armed OH-58D.

The A&FC test is planned for January-September 1992. The AQTD will conduct the test. Jettison testing and a preliminary look at the autorotation capability of 5,500 pound Warrior were completed in February 1990 as part of the A&FC of the basic aircraft.

Planning is underway to conduct cold weather testing at the Cold Regions Test Center in Alaska in February 1992. The test will be jointly conducted with the AH-64.

The user test portion of the Warrior test program has generated considerable discussion within the aviation community. Current plans are for a two phase Force Development Test and Experimentation (FDTE).

Phase one of the FDTE will begin in April 1992 and is expected to last approximately three months. It will be conducted at Fort Bragg, NC. Phase one will address the effectiveness of the Tactics, Techniques, and Procedures (TTP) of the Warrior for conducting armed reconnaissance and attack
(Test Program — continued on pg. 45)



Logistical Support of DESERT STORM

By Lieutenant Colonel Larry Crossan

With the deployment of the OH-58D to Southwest Asia (SWA), the Logistics Management Division of the OH-58D Project Manager's Office and the materiel managers within the Aviation Systems Command (AVSCOM) and the Missile Command (MICOM) (managers

of the Mast Mounted Sight (MMS) System) set about the task of readying our aircraft for its first combat test. Would we have enough spare parts in the supply system to achieve success?

Supply Posture Before Deploy

In August 1990, AVSCOM was averaging a supply availability posture of 79.7% for its OH-58D airframe managed components, slightly less than their goal of 85%. MICOM, on the other hand, wasn't doing quite as well on the support of the MMS. Here, stocks available were averaging 65%, with a goal of 90%. What all this equated to was an OH-58D mission capability rate of 71% for our world fleet versus a HQ DA goal

of 75%. The shocker is these figures are based on a peacetime operational tempo (OPTEMPO) of only 14.0 flight hours per aircraft per month, hardly a wartime scenario.

The PM/AVSCOM Team

The Project Manager's Office is co-located with AVSCOM, thus coordination meetings to hammer out solutions to airframe and engine support problems were relatively easy to establish. Functional elements within the Command (Materiel Management, Procurement, Engineering, Maintenance, and Product Assurance) and the PMO Logistics Management Division routinely met to identify and work issues. From these group meetings evolved TEAM AHIP.

At first, TEAM AHIP meetings were no more than brainstorming sessions to solve parts availability problems. If Materiel



LTC Crossan is Asst. PM for Logistics, Kiowa Warrior PMO, St. Louis, MO.

“...two out of every three components [of the Mast Mounted Sight] were repaired on the spot. . .”

Management raised an issue about a part that was in high demand but in short supply, we collectively looked for suitable substitutes. At the same time, procurement team members set about searching for a second or third source vendor. To bridge the time gap between procurement and delivery, our maintenance and engineering players would work out solutions through repair and overhaul. Obviously, this didn't work in all situations, but it was the team interaction that overcame the bureaucracy and allowed the customer demand satisfaction to reach 88.7% on airframe components and 90.5% on engine components.

It was a bit more difficult to interface with MICOM's functional elements only because of the geographical separation. However, an existing PMO/MICOM support team continued to aggressively pursue improving the MMS supply posture through intensive management meetings. Stock availability dropped to 61% in January 1991, but MICOM's stop gap measure of establishing a Mast Mounted Sight Special Repair Activity (SRA) in SWA was a viable solution to improve the system readiness.

Its purpose was to repair and return MMS components to the user in a timely manner. The SRA was fabricated from two MILVAN trailers. One was retrofitted with a Test Support System (TSS) - special test equipment which allows a computer interface with a MMS for troubleshooting procedures—and special tools for depot level repairs. The second MILVAN was converted into a supply trailer with approximately 250 lines of repair parts. It was manned by three McDonnell Douglas Electronics Systems Company field service representatives. The success story of this operation was that two out of every three components were repaired on the spot, thus eliminating order ship time.

Contractor Support

The majority of contractors associated with our aircraft were cooperative to the extent of initiating procurement actions verbally with the promise of proper documentation to follow. Those willing to accelerate delivery of existing contracts and provide commercial products applicable to our aircraft quickly surfaced as the team players. By November 1990, AVSCOM had 77 items in short supply that Team AHIP felt were critical to the success of the OH-58D in Operation Desert Storm. Within thirty days that number was reduced to 24. Fifty-three lines of various airframe and engine spare parts were now in the supply pipeline.

The Missile Command, teaming with their primary contractors, improved their customer demand satisfaction to 81.6% by February 1991.

The result of the AVSCOM/MICOM and contractor team efforts was a sustained fleet mission capability rate of near 90% — one of the highest of any system in SWA! All of this at more than triple our peacetime OPTEMPO.

Posture After DESERT STORM

The intensive management of our spares during the war is expected to pay dividends now that units are redeploying back to their home stations. It is expected that we will begin seeing the yield from the many overhaul contracts and new spares procurement buys. This is not to say we can now breathe easy, for much of our equipment will need serviceable parts to return them to a fully mission capable status. Our objectives are to be at or above the AVSCOM/MICOM supply availability goals (85% and 90% respectively) when the aircraft return from SWA.

||||

Kiowa Warrior Training



by

Colonel Ted D. Cordrey and Major Versal Spalding, III

In 1987, during the height of the Iran-Iraq War, the Department of Defense was given the mission of protecting U.S. flagged ships as they navigated the treacherous lanes of the Persian Gulf. With ever increasing frequency and under the cover of darkness, small hostile

boats equipped primarily with rocket-propelled grenades and heavy machine guns attacked these tankers causing extensive damage, fires, and oil spills. Recognizing the need for a mobile, night-capable offensive system to locate and destroy these fast attack boats, the Joint Chiefs of Staff directed the U.S. Army to arm 15 OH-58D aircraft from Fort Bragg, NC, and to deploy them as quickly as possible. Thus was born Operation PRIME CHANCE. These aircraft and crews performed magnificently and are still on station at this writing. They stopped the attacks on the tankers and ensured the uninterrupted flow of oil to the world.

In January 1990, utilizing

COL Cordrey is TRADOC Systems Manager-Scout, Ft. Rucker, AL.



the many successes of Operation PRIME CHANCE as a springboard, Secretary of the Army Michael P.W. Stone directed all OH-58Ds be retrofitted to the armed configuration. Mr. Stone directed a number of these armed OH-58Ds be further configured as the Multipurpose Light Helicopter (MPLH) described in Mr. Lines' article. Subsequently, the Army decided to extend the MPLH capabilities to all OH-58Ds.

Maintainer Courses

The wheels were quickly set into motion to address the impact of these decisions on training. Bell Helicopter Textron, Inc. (BHTI), the prime contractor, was placed on contract to revise much of

MAJ Spalding was Assistant TSM for Training-Scout when this article was written.



TRAINING DEVICE REQUIREMENTS

TRAINING DEVICES

	CST	CPT	CAT	AMT	AET	CET	CMT	EMT
C O U R S E	AQC	X	X					
	IPC/MOI	X	X					
	MTP	X	X					
	67S	X		X			X	X
	68B(W-5)							X
	68D(W-5)	X					X	
	68F(W-5)					X		
	68J(W-5)	X	X	X				
	68N(W-5)	X			X			
	68R(W-5)	X			X			

CST-Classroom System Trainer

CPT-Cockpit Procedure Trainer

AMT-Armament Maintenance Trainer

CAT-Composite Armament Trainer

AET-Avionic Electronic Trainer

CET-Composite Electronic Trainer

CMT-Composite Maintenance Trainer

EMT-Engine Maintenance Trainer

AQC-Aviator Qualification Course

IPC/MOI-Instructor Pilot Course/Method Of Instruction

MTP-Maintenance Test Pilot

67S-Helicopter Repairman

68B-Power Plant Repairman

68D-Powertrain Repairman

68F-Aircraft Electrical Repairman

68J-Aircraft Arm/Missile Repairman

68N-Avionic Mechanic

68R-Avion Avionic Repairer

the existing training courseware. The Classroom System Trainer (CST) is being updated to reflect the new armament, communication, and aircraft survivability equipment (ASE) features of the Kiowa Warrior. The Training and Doctrine Command (TRADOC) established a team of Subject Matter Experts (SME) from the Aviation Center, Fort Rucker, AL, the Signal School, Fort Gordon, GA, and the Aviation Logistics School, Fort Eustis, VA, to review and shape proposed modifications. Each SME was charged with the responsibility for reviewing and approving the courseware for his particular MOS as it was being developed by BHTI. "Lessons Learned" were used to improve each program of instruction. Input from the field has been crucial to our efforts. The CST courseware development is scheduled to be completed in October 1991. The chart identifies the training devices that will eventually be available to support the TRADOC Kiowa

Warrior training curricula. With the exception of the Armament Maintenance Trainer (AMT) and the Composite Armament Trainer (CAT), all devices already exist and will be updated accordingly. In some cases, additional quantities will be purchased. The AMT and CAT are new procurements.

Aviator Courses

The Kiowa Warrior force structure is being organized around a 2-pilot crew mix. To support this design, the Aviation Center will develop and execute three aviator-related training courses: a 5-week supplemental course, an 11-week Aircraft Qualification Course (AQC), and a 10-week Instructor Pilot Course (IPC).

The target audience of the 5-week supplemental aviator course is the population of already trained OH-58D aviators. This program of instruction will include left seat operations, gunnery, and other Kiowa

CDR, USAAVNC
ATTN: ATZQ-TSM-S
BLDG 512
FT. RUCKER, AL 36362
DSN 558-3808/2872
COM (205) 255-3808/2872

COL TED CORDREY
TRADOC SYSTEM
MANAGER OH-58D
(ATZ-TSM-S)

TRADOC SYSTEM MANAGER OH-58D KIOWA WARRIOR

MAJ DON SAXON
ASST. TSM
LOGISTICS
(ATZ-TSM-S)

CPT JERRY CORNELL
ASST. TSM
PERSONNEL
(ATZQ-TSM-S)

CW4 DON PRICE
ASST. TSM
TRAINING
(ATZQ-TSM-S)

CW3 BLAINE PENDLETON
SPECIAL ASST. TSM
TACTICS
(ATZQ-TSM-S)

SSG(P)
THOMAS TOMPKINS
SPECIAL ASST. TSM
MAINTENANCE
(ATZQ-TSM-S)

VICKI STOREY
SECRETARY
(ATZQ-TSM-S)

Warrior specifics, a
"differences" class.

The 5-week supplemental course will be phased out when no longer needed. The 11-week qualification course will qualify and produce OH-58D Kiowa Warrior pilots. Training includes left and right seat operations, gunnery, and basic aircraft operation. The course will become the foundation for Kiowa Warrior aviator training. The 10-week Instructor Pilot Course will be implemented simultaneously with the qualification program and will replace the existing OH-58D IPC.

The Aviation Logistics School at Fort Eustis, VA, will make the appropriate adjustments to the OH-58D Maintenance Test Pilot (MTP) Course to accommodate Kiowa Warrior impacts on their curriculum.

Armament Course

The integration of the weapons suite onto the Kiowa Warrior has generated challenging and unique problems for the training community. The aircraft will be capable of employing a mix of a .50 cal machine gun, 70mm rockets, Air-to-Air Stinger Missiles, and Hellfire Missiles. Weapon mixes are extremely flexible to accommodate different mission profiles. The integration of these weapons systems is achieved through the Integrated System Processor (ISP). The course will be taught at Fort Eustis and will produce the first armament maintenance

technicians with this variety of expertise. The length and content of the course are currently being refined.

The bridge between current curricula and

proposed Kiowa Warrior courses is crossed with the execution of Instructor/Key Personnel Training (IKPT). This course is designed to "train the trainers." Subsets of IKPT will vary from one to three weeks in length, depending on the MOS. IKPT is programmed to be conducted at the BHTI training facility in Dallas, TX, beginning second quarter of FY92. The course is designed to indoctrinate selected instructors from the TRADOC schools. These individuals, upon completion of the course, will return to their home bases and prepare or update necessary training courseware. They will then train the remaining instructors. The TRADOC schools and centers are targeted to begin Kiowa Warrior training in third quarter/fourth quarter FY92.

The TRADOC community is placing a great deal of emphasis on the transition to Kiowa Warrior training programs. The requirement for cost-effective mobile flight simulators is being developed and refined. Upgrading current training devices with modern computers and additional functions is being actively pursued. Tactics, techniques, and procedures are being written and incorporated into appropriate doctrinal literature. Aircrew training manuals are

being revised. Every aspect of training our OH-58D personnel and units is being looked at very carefully. Each affected TRADOC school is working hard to package a training program that meets the needs of our fighting forces. The objective is to provide fielded units with a highly skilled and motivated soldier. DESERT SHIELD and DESERT STORM were testimonials to the effectiveness of our efforts. Our future standards will remain just as high. ■■■■

Test Program
continued from page 39

mission. The transportability and the impact of the Warrior on force structure, MANPRINT, logistics, and materiel will be assessed. An early operational assessment of the Warrior will be developed by the OEC at the completion of phase one.

Phase two of the FDTE will be a force on force evaluation and will begin in April 1994 at Ft. Rucker, AL. It is also expected to last approximately three months. The aircraft will

be instrumented using MILES/AGES II. The results of the test will be used as the basis for an operational assessment by the OEC of the effectiveness and suitability of critical operational issues.

Based on lessons learned from the laser designation accuracy investigation, the AHIP PM has instituted a policy of periodic tests at YPG. As engineering changes and manufacturing improvements are made, their impact may not fully be determined using acceptance test procedures at the contractor's facilities. These surveillance tests will be conducted periodically to verify the operational capability of fielded aircraft as well as those just off the production line.

The test program has been a joint effort by the Army test community, the contractors, and the AHIP PMO. Its success is directly attributable to the professionalism and dedication of the various individuals whose efforts have resulted in the development of the finest scout/attack helicopter in the world—the OH-58D Kiowa Warrior. ■■■■

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TRAINING:

ARNG AEROSCOUT OBSERVERS

BY CSM JEFF CULP



ANNVILLE, PA — The Army National Guard recently graduated the first four students from the 93B Enlisted Aeroscout Observer Course at the Eastern ARNG Aviation Training Site (AATS), Fort Indiantown Gap, PA. The graduation culminated six months of training which utilized the 93B Exportable Training Package developed by the Department of Enlisted Training (DOET), USAAVNC, Ft. Rucker, AL. The four Enlisted Aeroscout Observers, from the Iowa National Guard, completed the Inactive Duty Training (IDT) phase at their supporting Army Aviation Support Facility (AASF) before reporting to the Eastern AATS for the two week Active Duty for Training (ADT) phase of the course which consisted of academic subjects, end-of-course academic evaluations, flight training, and final check-rides.

The 93B Enlisted Aeroscout Observer Exportable Training Package was developed as a

result of the December 1987 Brigade Commander's Conference at Ft. Rucker. DOET was tasked to develop a program which could be completed in one year, would provide quality assurance prior to award of the MOS, and could be accomplished with the resources available to the Reserve Component (RC) aviation units. The initial draft of the program of instruction (POI) was staffed during several meetings conducted between DOET, the Aviation Division of National Guard Bureau and the Eastern and Western AATS. After 18 months of concentrated effort, a POI, along with associated lesson plans and



CSM Culp is Command Sergeant Major of the Eastern Army National Guard Aviation Training Site, Annullve, PA.

course management guide, was published in December 1988.

The course consists of 209 hours of academic and flight instruction conducted at the supporting AASF over an eight to ten month period. The training parallels that taught at the resident 93B course at Ft. Rucker. Students attend the training in an IDT status, either during weekend drills or Additional Flight Training Periods (AFTP). Flight instruction is accomplished by an instructor pilot, while the academics may be conducted by a qualified unit trainer or 93B graduate who has completed the Instructor Trainer Course. Fifty-five hours of flight training, mostly land navigation and tactics, are accomplished in the IDT phase.

The ADT phase is conducted at one of the AATS. It consists of 70 additional hours of academics and evaluations and 15 flight hours. The final course test and check-rides are completed during this ADT phase. Following completion of both phases, training records are forwarded to Ft. Rucker for formal award of the 93B MOS.

The Army National Guard is currently conducting the Exportable 93B Enlisted Aeroscout Observer Course in six other states; Pennsylvania, Arkansas, Indiana, New Jersey, New York, and Texas. Initial plans are to expand the 93B Exportable Training Program to other states in FY 92.

The four soldiers who completed the first 93B Course at Eastern AATS pictured above left to right were SGT Patrick J. Lasbrook, SGT Brian D. Ehler, SGT Richard T. Ahlstrom, and SSG Michael J. Smith, representing Troops C and D 1/194th Cav, Iowa Army National Guard. ■■■

HARDWARE:

AATD PROVIDES DESERT STORM SUPPORT

BY COLONEL DAVID E. SULLIVAN

FORT EUSTIS, VA — Since last August, AVSCOM's Aviation Applied Technology Directorate (AATD), Fort Eustis, VA, has been active in searching for quick and affordable fixes to many of the environmental problems encountered by rotary and fixed wing aircraft in Saudi Arabia.

Initially the most common problem was rotor blade erosion. The sand in Saudi Arabia ranges from talcum powder up to "small rocks" depending on the specific location, and has been reported at altitudes up to 14,000 feet.

With rotor tip speeds approaching Mach .9, the severity of the associated sand erosion limited aircraft operations to hundreds of hours before replacement of rotor blades was required.

Solutions have been identified over the years, but to provide a fleet-wide fix requires protection from both sand and rain erosion. The best solution for sand erosion performed very poorly in the rain and those that worked well in rain did very poorly in a sandy environment. This is due to the very different micro-mechanical impact phenomena of water droplets and sand particles. The erosion problems in Saudi Arabia did not, to a significant extent, include rain erosion

and therefore a protection system for sand erosion could be applied to all aircraft.

Solutions had been identified over the years, but very little effort applied to a fleet-wide fix. AATD engineers, working with soldiers of the U.S. Army Aviation Logistics School at Ft. Eustis, quickly validated the application procedures of Task L-100 polyurethane paint, which was already in the system in kit form for the UH-60 and CH-47 aircraft. Later, the same validation began on a newer, more durable material made by 3M which had been developed in kit form for the Saudi Arabian UH-60 Desert Hawk aircraft.

Erosion also showed in all turbine engine power plants. A quick fix of multiple types of barrier filters, improved engine compartment sealing, and air particle separators were designed and applied across the rotary fleet.

Many ongoing projects were accelerated. These included a Division Aviation Intermediate

Maintenance (AVIM) shop set, three battle damage repair kits (fluid line, electrical, and fuel cell repair) and the Unit Maintenance Aerial Recovery Kit (UMARK). These systems were developed in multiple sets and shipped to forces in Saudi Arabia beginning October 1990.

Sand and dirt accumulation in and around all exposed parts of the helicopter prompted quick reaction to buy off-the-shelf washing and air equipment. The requirement was for small, lightweight, and self contained units. A quick market survey found the Aviation Pressure Washer/Decon System and the Pneumatic Aircraft Cleaning (PAC) kit to be satisfactory. A total of 39 PAC kits were shipped to Operation DESERT SHIELD.

The Aviation Pressure Washer/Decon System provides complete washing capability of a utility helicopter for less than 50 gallons of water. Forty systems were shipped for the operation.

The real chemical threat in Southwest Asia prompted considerable activity in all aspects of chemical and biological hardening of all rotary winged aircraft. The NBC regenerative filter contract for the environmental control unit of the AH-1 was expanded to include the AH-64.

Additional work was started in areas of decontamination, chemical resistant materials, and cockpit sealing techniques. As a self-contained organization, AATD has the capability to design, fabricate, and demonstrate potential solutions to fielded fleet problems, and provide technical support to the aviation system developer and user.

■ ■ ■



COL Sullivan
is Commander,
U.S. Army
AVSCOM
Aviation
Applied
Technology
Directorate,
Ft. Eustis, VA.

The 1991 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 17, 1991 are listed.

Hi-Timers

CPT Jerome P. Limoge, Jr.	5,600
CPT Michael E. Hassel	4,600
CPT Courtney J. Stratman	4,200
CPT Alvin A. Abejon	4,100
CPT(P) Eugene W. Reaves, IV	3,995
1LT George S. Bellin	3,800
CPT Kenneth S. Jones	3,600
CPT Brian E. McKinley	3,500
2LT Gordon D. Mayes	3,000
2LT Leonard W. Bowley	2,850
CPT Robert D. Mitchell	2,700
CPT Nancy J. Sherlock	2,700
CPT William Braley, Sr.	2,600
CPT(P) Larry W. Fleniken	2,600
1LT Charles A. Fish	2,520
CPT Maureen E. Bellamy	2,500
CPT Gary P. McVane	2,400
CPT Robert S. Saunders	2,400
CPT Erich Erker	2,300
CPT(P) Edward A. Lindeke	2,300
CPT Earl C. Myers, II	2,300
CPT Edward H. Owen	2,300
1LT Michael P. Slattery	2,300
CPT Scott P. Vandenbroek	2,300
CPT Harry E. Trumbull	2,250
CPT Steven D. Westphal	2,250
CPT Mark E. Larrabee	2,200
CPT Karen K. Williams White	2,200
CPT Stephen Saffin	2,170
CPT Andrew N. Milani	2,100
CPT Allen L. Peterson	2,100
CPT Bryan E. Campbell	2,000
CPT Michael L. Casme	2,000
CPT Boyd D. Collins	2,000
CPT Steven W. Kihara	2,000
CPT Michael S. Knapp	2,000
CPT Joane K. Mathews	2,000
CPT Richard H. Digiovanni	1,975
1LT James E. Ozer	1,950
CPT(P) William T. Crosby	1,900
CPT Michael H. Keogh	1,900
CPT Van T. Ozer	1,900
CPT Dempsey D. Solomon	1,900
CPT Kenneth R. Gilliam	1,830
CPT Steven G. Bernstein	1,800
1LT Richard C. Carroll, Jr.	1,800
CPT Benny M. Hardman	1,800
CPT Alice A. Hoffman	1,800
CPT Larry D. Kusilka	1,800
CPT James P. Ludowese	1,800
CPT Nickolas Macchiarella	1,800
CPT Scott R. Morcomb	1,800
CPT Kelly J. Thomas	1,800
CPT Patrick O. Wilson	1,800

Abejon, Alvin A., (CPT) (M85) (AI) A Co., 3rd MI Bn (AE), Box 741, APO San Francisco 96271-0154. Dy: 011-82-33350-7304. S: Lynn. Dy: Cdr, Camp Humphreys, ROK. Rtg: MAA. Qual: AH-1S. Time: 4,100 Hrs.

Abner, Harold L., (CPT) (M91) (HAI) 377 MED CO (AI), APO San Francisco 96301-0021. Dy: 741-6352. S: Denise. Dy: Aviation Maintenance Officer, Seoul, Korea. Rtg: AA TP. Maint Crs: UH-1UH-60A. Qual: UH-60A. Time: 1,200 Hrs.

Adams, James E., (1LT) (M89) (JIM) 2053-A Werner Park, Fort Campbell, KY 42223. S: Devany. Dy: Gun Pit Ldr, A Co., 1-101 Avn Regt. Rtg: AA. Qual: AH-64A, AM/1.

Adams, Thomas M., (CPT) (M87) 2 Andrews Drive, Daleville, AL 36322. Dy: (205) 255-6260. Res: (205) 598-2059. S: Connie. Dy: E Co., 1-13 AVN, US Army Aeromedical Center, Air Ambulance Div., Rtg: AA. Qual: UH-60A. Time: 1,400 Hrs.

Aid, Michael C., (CPT) (M85) 104 Belair Drive, Enterprise, AL 36330. Res: (205) 347-8593. S: Tammi. Dy: 8th ID, Mainz, GE. Rtg: AA TP. Maint Crs: UH-1UH-60. Qual: UH-60A. Time: 600 Hrs.

Alexander, David R., (CPT) (M89) (Alex) 2009-A Werner Park, Fort Campbell, KY 42223. Dy: (502) 798-3355. Res: (502) 431-6019. S: Janet. Dy: Co Cdr, A Co., 9/101st Avn Regt, Fort Campbell, KY. Rtg: SAA. Qual: UH-60A. Time: 1,200 Hrs./Cbt 20

Alford, Manley R., (1LT) (M89) (Ray) 407 Hogan Drive, Copperas Cove, TX 76522. Dy: (817) 287-0567. Res: (817) 542-1660. S: Kathy. Dy: 1st Cav Div, 1-227th Avn, Ft. Hood, TX. Rtg: AA. Qual: AH-64A. Time: 300 Hrs./Cbt 25

Allegood, France B., (CPT) (M86) (Sigi) 365 Putnam Street, Colorado Springs, CO 80911. Dy: (719) 579-2753. Res: (719) 391-9635. S: Laurie. Dy: A Co Cdr, 1-4 Avn Regt, Ft. Carson, Rtg: AA. Qual: AH-1S/AH-64A. Time: 1,200 Hrs.

Almeida, Pedro G., (1LT) (M88) C Troop, 6-6 Cavalry, 11th Aviation Brigade, APO New York 09140-2517. Dy: AH-64 Pil Ldr. Qual: AH-64A. 1988 AAAA ROTC Cdr of Year.

Alpelier, Scott R., (2LT) (M89) 87 Red Cloud, Fort Rucker, AL 36362. Dy: (205) 555-5760. S: Diane. Dy: C Co, 2-229th Avn. Rtg: AA. Qual: AH-64A. Time: 408 Hrs./Cbt 50

Amick, John W., (1LT) (M89) HHC 2/2 Aviation Regiment, APO San Francisco 96524. Dy: Bn LNO, Camp Stanley, Korea. Rtg: AA. Qual: UH-60A.

Amonte, George A., (CPT) (M91) Route 4, Box 241, Ozark, AL 36360. Dy: (205) 255-2060. Res: (205) 774-6465. S: Sara Beth. Dy: AT/ATS Operations Officer, Fort Rucker, AL. Rtg: AA. Maint Crs: CH-47, UH-1. S: Cdr. Dy: Cdr. Qual: CH-47D. Time: 600 Hrs.

Anderson, David A., (CPT) (M84) (David) 124 Blackhawk Drive, Daleville, AL 36322. Dy: (205) 255-4812. Res: (205) 598-1859. S: Robin. Dy: Cdr, 258th SSC, Fort Rucker, AL. Rtg: AA. Maint Crs: FW. Qual: C-12. Time: 990 Hrs./Cbt 3

Anest, Paul A., (CPT) (M85) HHC 17th Aviation Bde., APO San Francisco 96301-5000. Dy: 738-8502. Res: 726-1123. S: Deanna. Dy: Company Commander, Yongson, Korea. Rtg: AA. Qual: CH-47D. Time: 860 Hrs.

Angvine, John E., (CPT) (M84) HHC, 3d Bn., 3rd Avn Regt, 4th Bde., 3d ID (MI), APO New York 09182. Dy: 011-49-09334-87222. Res: 011-49-09336-1490. S: Michele. Dy: Co Cdr,

Aviation Officer Directory

Gielstadt AAF, Germany. Rtg: AA. Qual: AH-1S. Time: 600 Hrs.

Arbanas, Kevin A., (CPT) (M87) (Cubby) P.O. Box 515, Barbers Point, HI 96862-0516. Dy: (808) 684-7178. Res: (808) 672-8127. S: Kalee. Dy: B/214th Avn Regt, NAS Barbers Point. Rtg: AA. Maint Crs: UH-1UH-47CH-47D. Time: 800 Hrs./Cbt 84

Arnold, John S., (CPT) (M84) (John) Old Ironsides Chap VP Mem. B Co, 2 Bn, Regt. Box 3223, APO New York 09250. Dy: 467-2177. Res: 5802-7194. S: Beth. Dy: Co Cdr (AH-64), Ansbach, Germany. Rtg: AA. Maint Crs: UH-1UH-1. S: Cdr. Qual: AH-1S/AH-64. Time: 750 Hrs. Cbt: 20. AM/2, DFC/1. VP, Old Ironsides Chapter.

Armen, Roger, (CPT) (M83) 905-C Shepard Terrace, NAS Patuxent River, MD 20670. Dy: (301) 863-4107. Res: (301) 862-4610. S: Barbara. Dy: USNTPS. Rtg: SAA. Qual: AH-1S/AH-64A. Time: 1,600 Hrs.

Artman, Spencer Q., (CPT) (M91) 201 Pratt Drive, Enterprise, AL 36330. Dy: (205) 255-5033. Res: (205) 347-4192. S: Traci. Dy: XO, Q/1-14th, Fort Rucker, AL. Rtg: AA IP. Qual: OH-58D. Time: 1,000 Hrs.

Atkins, Charles L., (1LT) (M89) 1201 Bacon Ranch Road, Apt. 1123, Killeen, TX 76542. Dy: (817) 288-3574. Res: (817) 554-5450. Dy: AH-64 Pil Ldr, A Co, 2-3 Avn. Rtg: AA. Qual: AH-64A. Time: 300 Hrs./Cbt 30 AM/2.

BBBBBBBBBB

Bachman, Randy J., (1LT) (M91) E Company, 502nd Aviation, Box 2588, APO New York 09293-5000. Dy: 632-7806. Res: 011-0039434-565132. S: Diana. Dy: Chinook Pilot, Aviano, Italy. Rtg: AA. Maint Crs: CH-47D. Time: 500 Hrs.

Baer, Robert A., (CPT) (M87) (Bob) 7332-A Gardner Hills, Fort Campbell, KY 42223. Dy: (502) 798-2951. Res: (615) 431-3164. S: Jane. Dy: BAE-Iason, HHC, 9/101st Avn Bn. Rtg: AA. Qual: UH-60A, OH-58. Time: 700 Hrs.

Bagley, Mike J., (CPT) (M91) 113 Blackhawk Drive, Daleville, AL 36322. Dy: (205) 598-4183. S: Ann. Dy: Officers Advanced Course, Fort Rucker, AL. Qual: AH-1S. Time: 200 Hrs.

Bagwell, James D., (CPT) (M87) (Bags) 136-B Dunover Court, West Point, NY 10996. Dy: (914) 938-2135. Res: (914) 446-3841. S: Mary Alice. Dy: Instructor, USMA, Dept of Physical Ed. Rtg: AA IP. Maint Crs: OH-58. Time: 1,500 Hrs.

Baker, Wayne L., (CPT) (M89) 131 Londonderry Lane, Williamsburg, VA 23185. Dy: (804) 678-6100. Res: (804) 565-3361. S: Donna. Dy: Project Off, DOTD, USAALS. Rtg: SAA TP. Maint Crs: UH-60 UH-1. Qual: UH-60A. Time: 1,181 Hrs./Cbt 4

Bal, George K., (CPT) (M91) (Kelly) 10547 Smitty Court, Gaithersburg, MD 20878. Dy: (301) 295-3185. Res: (301) 251-2684. S: Suzanne. Dy: Fort Lewis, WA.

Baldwin, Andrew E., (CPT) (M88) (Andy) 312

Shawcroft Road, Fayetteville, NC 28311. Res: (919) 630-1339. S: Cheryl. Dy: Cdr, HHT 4/17th Cav, (Armored Recon), 18th Avn Bde, Ft. Bragg. Rtg: AA IP. Qual: AH-58D. Time: 1,300 Hrs./Cbt 2

Ball, Daniel L., (CPT) (M85) (Danny) 17 Belfair Drive, Savannah, GA 31419. Dy: (912) 352-6716. Res: (912) 927-6079. S: Kim. Dy: CDR, HSC 1/24 Avn Regt., Qual: AH-1S. Time: 750 Hrs./Cbt 150 AM/2.

Ballaw, Robert S., (CPT) (M82) 328 Lancaster Road, Clarksville, TN 37042. Dy: (602) 798-9308. Res: (615) 647-8938. S: Nancy. Dy: Cdr, C Co, 3-101st Avn Regt, Rtg: SAA. Qual: AH-1S. Time: 1,500 Hrs./Cbt 130 AM/1.

Barfield, Mark W., (CPT) (M87) 20 Boyce Place, Fort Rucker, AL 36362. Dy: (205) 255-3344. Res: (205) 598-2342. S: Diane. Dy: Small Grp Instructor, F/1-13th. Rtg: AA. Qual: AH-1S. Time: 1,200 Hrs.

Barfield, Walter R., (CPT) (M84) (Randy) 306 N. Reed Street, Enterprise, AL 36330. Dy: (205) 255-3344. Res: (205) 347-0859. S: Stephanie. Dy: Small Group Instructor, AVOC, F Co, 1-13th Avn Regt., Rtg: SAA. Qual: AH-1S. Time: 1,500 Hrs.

Barnwell, Patrick H., (1LT) (M91) CMR 2, Box 13743, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 598-6643. Dy: Duty in Korea.

Barrier, Kim M., (CPT) (M89) 14044 Compton Heights Ct., Clifton, VA 22024. Dy: (703) 664-3515. Res: (703) 818-8422. S: Steve. Dy: Adjutant, Davison Avn Cnd. Life Member.

Barros, Roger J., (CPT) (M89) (Rodge) 200 St. Lo, Fort Ord, CA 93941-5777. Dy: (408) 647-5501. Res: (408) 393-0468. S: Kathy. Dy: Defense Language Institute student, Presidio of Monterey, CA. Rtg: SAA. Maint Crs: OH-6A IP. Qual: AH-1F. Time: 1,600 Hrs.

Barrow, Ashley W., (2LT) (M91) P.O. Box 620141, Fort Rucker, AL 36362-0141. Dy: (205) 255-3311. Res: (205) 598-5509. Dy: E Co, 1-145th.

Bartee, Shane E., (2LT) (M91) 20 Hartell Way, Fort Rucker, AL 36362. Res: (205) 598-2747. S: Susanna. Dy: E/1-145th. Time: 124 Hrs.

Bartel, Richard C., (CPT) (M83) (Rick) 2314 Iowa Drive, Harker Heights, TX 76543. Dy: (817) 287-2400. Res: (817) 690-7157. Dy: Company Cdr, HHC, 2-58th Avn Regt. Rtg: AA. Maint Crs: UH-1UH-47. Qual: CH-47D. Time: 600 Hrs.

Basham, Timothy A., (1LT) (M91) HHC 4-501st Avn, APO San Francisco 96208. Dy: 82-36159-5933. Res: 82-36159-5215. Dy: Asst S-3, Camp Page, Korea. Qual: AH-1S. Time: 230 Hrs.

Bass, Brennon, (CPT) (M89) 214 Arizo Road, Fort Ord, CA 93941. Dy: (408) 647-5335. Res: (408) 899-3032. S: Dona. Dy: Cdr, HHC, Troop Cndr, DLI. Rtg: AA. Qual: AH-1S. Time: 1,150.

Baum, Franklin R., (CPT) (M86) (Frank) E Troop, 5/17 Cavalry, 2ID, APO San Francisco 96224. S: Judy. Dy: Trip Cdr, Camp Mobile, Korea. Rtg: AA. Qual: AH-1S. Time: 1,200 Hrs.

Baumbaerger, Robert S., (1LT) (M89) N Troop, 4/2 ACR, APO New York 09092-0216. Dy: Aeroscout Pil Ldr, Fench Army Airfield, Germany. Time: 750 Hrs./Cbt 80

Baxter, Robert M., (CPT) (M87) (Bob) RR 2, Box 74-E1, Flint Town Road, Boonville, NY 13309. Dy: (315) 330-7012. Res: (315) 942-2423. S: Michelle. Dy: Co Cdr, B/2-25th ATKHB. Rtg: AA. Qual: AH-1S. Time: 1,200 Hrs.

B

Aviation Officer Directory

Beal, Steven F., (CPT)(P) (M84) (Steve) COM-REACT Chinhex, Box 62, PO Seattle 98169-1199. Dy: AV 762-5862. S: Kathy. Dy: Foreign Area Officer. Rtg: SAA. Qual: AH-1S. Time: 1,200 Hrs.

Beatty, John D., (1LT) (M89) 913 Moorings Drive, Colorado Springs, CO 80906. Dy: (719) 576-2555. Res: (719) 576-0556. S: Sharon. Dy: Scout Plt Ldr/Aviator, C71-4 Avn Regt. Rtg: AA. Time: 600 Hrs.

Beavers, William G., (1LT) (M89) 4905 Glass Mountain Drive, Killeen, TX 76542. Rtg: (817) 690-6881. S: Deborah. Dy: BN S-4 Officer, 131 Avn 24D. Qual: UH-60A. Time: 475 Hrs./Cdt 52

Bechtel, Leslie A., (2LT) (M88) 4 Londonderry Birch Plk W, Bow, NH 03004. Dy: (205) 598-4668. Res: (205) 393-4658. Dy: 17th Avn Bde, APO San Francisco, 96301-0043. Qual: UH-60A. Time: 189 Hrs.

Becker, Jeffrey K., (1LT) (M87) 461 Manchester Lane, Hartford, WI 53029. Dy: (414) 544-1376. Res: (414) 367-0217. Dy: XO/Training, B-3-158th Avn Regt. Rtg: AA.

Bedwell, Richard L., (CPT) (M89) (Rick) Thunderhorse Chapter Pres, T Troop, 411 ACR, APO New York 09145. S: Yong S. Dy: Troop Cdr, Fukia, Germany. Rtg: SAA TP. Maint Crs: AH-1. Qual: AH-1S. Time: 1,200 Hrs. Pres, Thunderhorse Chapter.

Belin, George S., (1LT) (M89) 419-J Halawa View Loop, Honolulu, HI 96818-4309. Dy: (808) 656-2565. Res: (808) 836-2901. S: Molly. Dy: Plt Ldr, B4-25 Avn Regt, Schofield Barracks, HI. Rtg: AA. Maint Crs: UH-60. Qual: UH-60A. Time: 3,800 Hrs.

Belk, Michael D., (2LT) (M88) (Mike) D Btry, 3/52 ADA, Box 501, APO New York 09103. Dy: Battalion, 3rd Battalion, 52nd Aid Defense Artillery, Schweinfurt, FRG.

Bentler, George W., (CPT) (M88) 8212 E. 166th Street, Belton, MO 64012-2202. Res: (816) 331-8868. S: Kaoru. Dy: Maint Ofc. Rtg: AA. Maint Crs: CH-47. Qual: CH-47.

Begley, Darryl W., (CPT) (M87) 69 North Harris Drive, Fort Rucker, AL 36362. Dy: (205) 255-5049. Res: (205) 598-5424. S: Celeste. Dy: D Co, 1/223 Regt, Commander, Fort Rucker, AL. Rtg: AA. Qual: AH-1S. Time: 960 Hrs. Life Member.

Bernstein, Steven G., (CPT) (M87) (Buz) 2200 Las Brisas Way, Apt. 426, Sierra Vista, AZ 85635. Dy: (602) 533-3597. Res: (602) 458-4650. S: Tobl. Dy: A Co, 308th MI Bn, Ft. Huachuca, AZ. Time: 1,800.

Blafer, George M., (CPT) (M84) (Geo) HSC, 2-1 Avn, Box 3252, APO New York 09250-5000. Dy: ETS 4672-196. S: Ruta. Dy: BN S-3, Katterbach, Germany. Rtg: AA. Qual: AH-1S AH-64A. Time: 1,400 Hrs./Cdt 100

Bird, Craig H., (CPT) (M88) 5912-1 Fisher Avenue, Fort Hood, TX 76544-2812. Dy: (817) 288-3536. Dy: (817) 539-0311. S: Vicki. Dy: Cdr, B Co, 3-3 Avn Regt (AA). Rtg: AA. Qual: AH-1S AH-64A. Time: 500 Hrs. Past VP, Mount Rainier Chapter.

Bishop, Laurence R., (1LT) (M90) (Larry) A Company, 3-3 Aviation Regiment, APO New York 09182. Dy: ETS 352-7299. Res: 011-49-9331-7117. S: Kim. Dy: Executive Officer, Fort AA. Qual: AH-1S. Time: 500 Hrs.

Bissell, Gary A., (1LT) (M88) 169 Lakeview Drive, Daleville, AL 36322. Dy: (205) 255-3341. Res: (205) 598-1919. S: Mari Jo. Dy: E7-13, Fort Rucker, AL. Time: 370 Hrs.

Bissell, Mari Jo., (1LT) (M88) 169 Lakeview Drive, Daleville, AL 36322. Dy: (205) 598-1919. S: Gary. Dy: E7-13. Time: 325 Hrs.

Blackburn, Myron V., (CPT) (M81) 100 Raintree Lane, Dothan, AL 36303. Dy: (205) 255-3537. Res: (205) 793-3913. S: Lisa. Dy: XO, 2-229th Avn Regt, Ft. Rucker. Rtg: AA TP. Maint Crs: UH-1. Qual: AH-1S UH-60A. Time: 740 Hrs.

Blount, Kerry R., (2LT) (M91) 111 Crestview Drive, Enterprise, AL 36330. Dy: (205) 598-3311. Res: (205) 347-0803. Dy: Flight Student IERW.

Blum, Gustavo E., (1LT) (M87) (Gus) 6497 Elmer Hill Road, Rome, NY 13440-9323. Dy: (315) 330-4081. Res: (315) 337-3960. Dy: Asst Bde S-1, 10th Avn Bde. Rtg: AA. Time: 500 Hrs.

Bodenschatz, Roger R., (2LT) (M91) (Singer) 104 Willowood Drive, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 339-4216. S: Lori. Dy: E7-14S, Ft. Rucker, AL. Rtg: AA.

Boehne, Matthew A., (2LT) (M90) (Bink) 81 Red Cloud Road, Fort Rucker, AL 36362-5000. Dy: (205) 255-3311. Res: (205) 598-4067. S: Dawn. Dy: E Co, 1/145 Avn, Ft. Rucker, AL. Rtg: AA.

Bohl, Darlene A., (CPT) (M83) 106 Fieldcrest Drive, Enterprise, AL 36330. Dy: (205) 255-2425. Res: (205) 347-5137. Dy: Aviation Doctrine Writer, Dept. of Tactics & Simulation, Ft. Rucker. Rtg: SAA. Qual: UH-60A. Time: 1,001 Hrs. Life Member.

Bohman, William E., (1LT) (M88) (Bill) HHC, 2-2 Avn Regt, APO San Francisco 96524. Dy: Asst S-3, Training, HHC2-2 Avn Regt, Camp Stanley, Korea. Rtg: AA.

Boltwick, William J., (CPT) (M79) (Bill) 19 Spencer Trail, St. Peters, MO 63376. Dy: (314) 263-1575. Res: (314) 925-0710. Dy: Prod Ofc, C3B3/Aerospac Exp, Ofc of the Prod Mgr, Cobra. Rtg: SAA TP. Maint Crs: UH-1. Qual: AH-1S. Time: 1,125 Hrs.

Bora, Silvio F., (2LT) (M91) (Sal) 1603 E. Andrews, Apt. A-4, Ozark, AL 36360. Dy: (205) 255-3311. Res: (205) 774-1525. S: Tracey. Dy: E7-14S.

Borkowski, Lawrence J., (2LT) (M90) 94-1425 Welina Loop, Apt. 7W, Waipahu, HI 96797. Dy: (808) 656-2626. Res: (808) 676-1643. S: Sharon. Dy: Atk Plt Ldr, B Co, 1-25th Avn (ATK). Qual: AH-1S.

Bowden, Robert A., (CPT) (M86) (Bob) 9903 Fortune Ridge, Converse, TX 78108. Dy: (512) 221-3122. Res: (512) 654-0547. S: Lucy. Dy: Co Cdr, Ft. Sam Houston. Qual: UH-60A. Time: 350 Hrs.

Bowler, Lynn N., (CPT) (M82) C Troop, 6-6 Cavalry, P.O. Box 361, APO New York 09140-5000. S: Margene. Dy: Commander, Ilesheim, FRG. Rtg: MA4 IP. Qual: AH-1S, AH-64, OH-58A/C, UH-1. Time: 1,100 Hrs.

Bowley, Leonard W., (2LT) (M90) 59 Boyce Lane, Fort Rucker, AL 36362. Dy: (205) 255-6280. Res: (205) 598-5455. S: Cheryl Ann. Dy: Instrument Flt Examiner, Redon, Ft. Rucker, AL. Rtg: AA. IP. NGSF. E7-15. Maint Crs: FW. Qual: C-120-21. Time: 2,850.

Boyd, Terrell C., (2LT) (M90) (Terry) 407 Old Town Square Apts., Daleville, AL 36363. S: Stacey. Dy: E7-14S.

Bratton, Charles E., (1LT) (M89) P.O. Box 386, APO Miami 34042. Dy: HSD MI Bn (L), Soto Cano AFB, Honduras. Time: 500 Hrs.

Briley, William S., (CPT) (M81) (Bill) HHS, 2nd MI Bn (AE), Box 95, APO New York 09359. Dy:

421-4115. Res: 49-711-340-683. S: Joan. Dy: Co Cdr. Rtg: SAA. IP TP. Maint Crs: UH-1 FW. Time: 2,600 Hrs./Cdt 110 AMV.

Brandon, James M., (CPT) (M89) (Jim) 4228 Aviation, Soto Cano AB, Honduras, APO Miami 34042. Dy: 449-4394. S: Marina. Dy: S-2, Soto Cano Airbase, Honduras.

Brasher, Michael R., (1LT) (M89) 6701 Sandfield Court, Fayetteville, NC 28304. Dy: (919) 396-6903. Res: (919) 667-9664. S: Melanie. Dy: Plt Cdr, C Co, 2/82 Avn, Ft. Bragg. Qual: UH-60A/L. Time: 350 Hrs./Cdt 8 AMV.

Braun, William G., (CPT) (M82) (Trey) 208 W. Pondola, Enterprise, AL 36330. Dy: (205) 255-3973. Dy: (205) 347-0527. S: Leesa R. Dy: Aviation R&D Officer, USAA/VNC, Fort Rucker. Rtg: AA. Qual: UH-60A. Time: 615 Hrs.

Brehm, Leslie M., (CPT) (M85) (Les) 513 E 50th Street, Savannah, GA 31405-2350. Dy: (912) 352-6251. Res: (912) 238-4086. S: Theresa. Dy: Cdr, A Co, 224th MI Bn (AE), Hunter AAF, Rtg: SAA TP. Maint Crs: UH-1. Qual: UH-1, OH-58, RU-21, OV-1. Time: 1,400 Hrs.

Brew, Thomas R., (CPT) (M87) P.O. Box 620105, Fort Rucker, AL 36362. Dy: (205) 255-5226. Dy: Plt Trainer, D71-145th Avn, Executive Officer, Ft. Rucker. Rtg: AA. Time: 960 Hrs.

Bricker, Paul W., (CPT) (M89) B Company, 4/501st Aviation, APO San Francisco 96271-0147. Dy: 721-5305. Res: 721-5705. S: Annie. Dy: Co Cdr, Camp Page, Korea. Rtg: AA. Qual: UH-60A. Time: 1,200 Hrs.

Brickley, Glendon R., (1LT) (M91) (Brick) 63 Red Cloud Road, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 598-9018. S: Julie. Dy: Student, E Co, 1/145 Avn Bn, Fort Rucker, AL.

Bridge, Donald W., (CPT) (M82) (Chip) HHC 11th Avn Bde., Box 1192, APO New York 09140. S: Maryellen. Dy: S-4, 11th Avn Bde, Ilesheim FRG. Rtg: AA TP. Maint Crs: UH-1 AH-1. Qual: AH-1S AH-64A. Time: 1,200 Hrs.

Briggs, Steven J., (CPT)(P) (M88) (Link) 89 Maas Drive, Fort Bragg, NC 28307-6017. Dy: (919) 432-9827. S: Brenda. Dy: S-1 82nd Avn Bde, Fort Bragg, NC. Qual: AH-6, UH-60L, UH-1. Time: 1,400 Hrs.

Brockman, Gregory., (CPT) (M84) 40 Red Cloud Road, Fort Rucker, AL 36362-2347. Dy: (205) 255-2500. Res: (205) 598-6101. S: Vickie L. Dy: Aide-de-Camp, A71-10th. Rtg: AA. Qual: AH-1S AH-64A. Time: 1,000 Hrs. Past Sec, Phantom Corps Chapter.

Brockway, James T., (CPT) (M81) (Tom) 1308 East Dale Street, Colorado Springs, CO 80909. Dy: (719) 579-5801. Res: (719) 636-2454. S: Christina. Dy: Asst S-3, 4th Avn Bde. Rtg: AA. Time: 895 Hrs.

Brogna, Anthony., (CPT) (M83) (Tony) P.O. Box 575, Fort Ord, CA 93941. Dy: (408) 242-7432. Res: (408) 753-7501. Dy: E Co, 123rd Avn 7th ID(L). Rtg: AA TP. Maint Crs: UH-60. Sd Crs: Mil. Time: 500 Hrs.

Brown, Gary B., (CPT) (M89) (Gary) Talon Chapter Vice Pres., HHC 11th Avn Bde, Box 1005, APO New York 09140. Dy: ETS 4674-700. Res: 06841-8132. S: Connie. Dy: Bde Adjutant, 11th Aviation Brigade, Ilesheim, GE. Rtg: AA. Qual: AH-1S, AH-1P, AH-1F, AH-64A, OH-58A/C, UH-1. Time: 850 Hrs.

Brown, Gregory S., (CPT) (M89) 6920 Pine Creek Court, Fayetteville, NC 28314. Dy: (919) 432-2889. Res: (919) 864-1070. S: Dawn. Dy: 1/17th Cav. Rtg: AA. Qual: OH-58D.

Brown, James E., (1LT) (M88) (Jim) Route 1, Box 122, Danville, AL 36322. Dy: (205) 255-3344. Res: (205) 588-2724. Dy: E-1-15th. Time: 100 Hrs.

Brown, Jeffery D., (CPT) (M88) (Jeff) 203 Colonial Drive, Enterprise, AL 36330. S: Wanda. Rtg: AA. Qual: AH-1S. Time: 600 Hrs.

Brown, Kevin W., (CPT) (M84) (Kevin) HST, 5-6 Cav Regiment, Box 264, APO New York 09457. Dy: 337-6030. Res: 049-611-721370. S: Michelle. Dy: Troop Cdr. H&S & Service Trg. Wiesbaden, GE. Rtg: SAA IP. Maint Cn: UH-1 OH-47. Cdt: OH-47. Time: 1,550 Hrs.

Brown, Steven K., (CPT) (M90) (Steve) 525 Linda Lane, Clarksville, TN 37042. Dy: (615) 647-0619. Res: (615) 647-8593. S: Carol. Dy: Pilot, Plt Ldr, 160th SOAR(A). Rtg: AA. Qual: AH-1S, MH-6, OH-58. Time: 1,750 Hrs.

Brunner, David P., (1LT) (M90) (Dave) H Co, 3rd Avn. Regt., APO New York 09182. Dy: 352-7457/7357. S: Nickl. Dy: Platoon Leader, Gebelstadt, Germany. Qual: UH-60A. Time: 280 Hrs.

Brusson, Kerry P., (1LT) (M89) (KB) C Company, 2-2 Aviation Regiment, APO San Francisco 96324-0463. Dy: Plt Ldr, Target Acquisition & RECON Plt, Camp Stanley, Korea. Rtg: AA. Time: 250 Hrs.

Bryant, Thomas, (CPT) (M87) (Spoo) 10623 Sugar Bush Road, Savannah, GA 31406-4489. Dy: (912) 332-6008. Res: (912) 920-3023. S: Lea Ann. Dy: Savannah Bn Adjutant, HSC 224th MI Bn (AE). Rtg: AA. Maint Cn: FW. Qual: AH-1S. Time: 1,500 Hrs.

Byrce, Robert S., (CPT) (M89) (Bob) Box 1124, APO New York 09140. Dy: Co Cdr, HHC, 11th Avn Bde, Ilesheim, Germany. Dy: 011-49-9841-83621. Res: 011-49-9841-7296. Rtg: AA. Qual: AH-1S AH-64A. Past Sec, Talon Chapter.

Buckner, Eugene R., (CPT) (M85) (Gene) Route 3, Box 92, Enterprise, AL 36330. Res: (301) 737-5239. S: Donna. Dy: Naval Test Pilot School, Patuxent River Naval Air Station. Rtg: AA TP. Qual: UH-60A. Time: 980 Hrs.

Bullinger, James R., (CPT) (M85) (The Bull) B Co, 4-22nd Avn. Bn, Solo Cano Air Base, APO Miami 34042. Dy: 011-503-23-8399. Res: 011-507-87-4199. S: Tracy. Dy: Cdr, B Co, Honduras/S Salvador. Rtg: AA IP. Time: 1,200 Hrs.

Burger, John E., (2LT) (M91) 111 Lightfoot Drive, Enterprise, AL 36330. Dy: (205) 588-3311. Res: (205) 393-2603. Dy: E-1-145th.

Burgess, Herbert L., (CPT) (M85) (Herb) DAO US Embassy-Singapore. FPO San Francisco 96399-0001. Dy: 011-65-338-0251/315. S: Debbie. Dy: Exchange Officer, Royal Singapore Air Force. Rtg: AA IP. Qual: UH-60A. Time: 1,300 Hrs.

Burns, John C., (CPT) (M85) 445 Baldwin Road, Wahiawa, HI 96786. Dy: (808) 656-2782. Res: (808) 624-6553. S: Pamela Lynn. Dy: Asst S3, Avn Bde, 25th IDG, Schofield Barracks, HI 96857. Rtg: AA. Maint Cn: UH-1 OH-58. Qual: AH-1S. Time: 900 Hrs.

Burns, Virginia M., (1LT) (M88) (Ginger) 2200 Las Brisas Way, Apt. 631, Sierra Vista, AZ 85635. Dy: (602) 533-3587. Res: (602) 458-0827. Dy: A Co, 309th MI Bn, Student. Rtg: AA.

Bursille, Blake L., (2LT) (M91) 612 Blake Drive, Ozark, AL 36360. Dy: (205) 255-3311. Res: (205) 774-1302. S: Susan. Dy: 11th Avn Bde, Ilesheim, Germany. Qual: AH-64A. Time: 550 Hrs.

Busch, Steven R., (CPT) (M90) HSC 301 Aviation, Box 3028, APO New York 09250. Dy:



Aviation Officer Directory

467-2615. S: Susan. Dy: HSC 3-1 Avn, 1st AD, Katterback, Germany. Rtg: AA. Qual: AH-64A. Time: 510 Hrs/Cdt 15. AM/1.

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Callan, Steven V., (CPT) (M89) 5896-2 Fisher Avenue, Fort Hood, TX 76544. Dy: (817) 288-2315. Dy: S-1, Apache Trng Bde. Rtg: AA. Qual: AH-1S AH-64A. Time: 900 Hrs.

Campbell, Bryan E., (CPT) (M80) 12th Aviation Brigade, HST, 5-6 Cavalry, APO New York 09849. Dy: 0611-1705-5607. Res: 0611-156-2961. S: Ann. Rtg: SAA IP. Qual: AH-64. Time: 2,000.

Campbell, Lynette G., (CPT) (M80) 12115 19th Avenue S.E., Apt. N208, Everett, WA 98208. Dy: (206) 281-3045. Res: (206) 337-6325. Rtg: AA TP. Maint Cn: UH-1. Qual: CH-47D.

Camp, Andrew C., (1LT) (M88) (Drew) HHT S-3, 47 Cav, APO New York 09076. S: Kelly. Dy: Flight Operations Officer.

Canley, Duane E., (CPT) (M87) (Del) 1314-B Werner Park, Fort Campbell, KY 42223. Dy: (502) 798-3247. Res: (615) 431-4907. S: Diana. Dy: Ops Off. A7-101 Avn Regt. Rtg: AA. Qual: CH-47D. Time: 630 Hrs/Cdt 56 AM/1.

Canwell, Gregory L., (CPT) (M90) (Luz) HSC, 4 Brigade, 8ID, APO New York 09185. Dy: Asst S-3, Commander, HHC 4th Brigade. Time: 650 Hrs.

Capobianco, Joseph A., (1LT) (M88) (Joe Cap) 69 Arthur Avenue, Manchester, NH 03104. Res: (619) 822-6887. Dy: 1-82nd (AIR), 82nd Avn Bde, Ft. Bragg, NC. Rtg: AA. Time: 600 Hrs/Cdt 60

Carlsen, Calvin T., (CPT) (M87) (Sparky) Hqs JUSMART/1537, APO New York 08254. Dy: Aide-de-Camp to Chief JUSMART, Ankara, Turkey. Rtg: AA IP. Maint Cn: UH-1. Time: 1,700 Hrs.

Carpenter, Forrest L., (CPT) (M87) HST/5-6 Cavalry, 12th Aviation Brigade, APO New York 09849. S: Nickle. Dy: S1, 5-6 Cav. Rtg: AA. Time: 650 Hrs/Cdt 10

Carpenter, Martin T., (CPT) (M84) (Marty) Rt 3, 105 Valley View Dr., Enterprise, AL 36330. Dy: (205) 255-6528. Res: (205) 347-4515. S: Janice. Dy: Cdr, E Co, 1-145 Avn, Fort Rucker. Rtg: AA. Qual: UH-60A. Time: 1,200 Hrs.

Carroll, Richard C., (1LT) (M82) (Dick) 1432 Werner Park, No. 8, Fort Campbell, KY 42223. Dy: (502) 798-5540. Res: (615) 431-2032. S: Debra C. Dy: A: 1/160th Plt Ldr, 160th SOAR. Rtg: SAA IP. Qual: AH-1S. Time: 1,800 Hrs/Cdt 34

Carroll, Robert J., (CPT) (M87) 104 London Court, Apt. 3, Fayetteville, NC 28311-0248. Dy: (919) 396-9322. Res: (919) 630-0827. S: Diana. Dy: 82nd Avn Bde, III/V Platoon Leader, Ft. Bragg, NC. Rtg: AA. Qual: UH-60A. Time: 600 Hrs.

Casemy, Michael L., (CPT) (M89) HHC 7/158th Aviation Regt, Box 93, APO New York 09061-0297. S: Paula. Dy: Plt Ldr. Rtg: SAA TP. Maint Cn: AH-1. S&C: MIL. Qual: AH-1S. Time: 2,000 Hrs/Cdt 40 AM/1.

Cavano, Jeffrey P., (CPT) (M81) FSI-TUNIS, State Department, Washington, DC 20521-6360. Dy: 011-216-1782-566, ext. 2231. S: Diana. Dy: Tunisia. Rtg: AA. Maint Cn: UH-1. Qual: AH-1S. Time: 1,050 Hrs.

Cave, Scot B., (2LT) (M91) 95-2040 Walkatani Place, Apt. E102, Mililani, HI 96789-3409. Dy: (808) 656-2565. Res: (808) 623-8509. S: Bonnie. Dy: Plt Ldr, B Co, 425 Avn. Rtg: AA. Qual: UH-60A. Time: 160 Hrs.

Cerney, Kenneth A., (CPT) (M85) 27 Kirby Street, Fort Rucker, AL 36362. Dy: (205) 255-8252. Res: (205) 588-5397. S: Ellen. Dy: Adjutant, 1-14 Avn, Ft. Rucker. Rtg: AA IP. Qual: AH-1S. Time: 1,400.

Champion-Taylor, Pamela J., (CPT) (M85) (Pam) 102 Pratt Drive, Enterprise, AL 36330. Dy: (205) 255-3665. Res: (205) 383-2144. S: Barry. Dy: Cdr, A Co, 1-10th, Ft. Rucker. Rtg: AA. Time: 600 Hrs.

Changulial, Victor P., (CPT) (M90) (Vic) HHC 4th Bde, Box 30, 3rd Infantry Division, APO New York 09182. Dy: 011-49-9334-87303. Res: 011-49-9336-1310. S: Dorisha. Dy: HHC 4th Bde Co Cdr, Gbelstadt, AAF, Germany. Rtg: SAA. Qual: AH-1S. Time: 1,200 Hrs.

Cheney, Owen W., II, (CPT) (M83) USARI, APO New York 09063. Res: 8621-3553. S: Lynne. Dy: Soviet Foreign Area Officer, Garmisch, FRG. Rtg: AA. Time: 1,000 Hrs.

Chester, Shawn M., (1LT) (M88) (Hux) C Co, 1/2 Avn Regt (ATK), 2nd Infantry Division, APO San Francisco 96324-0480. Dy: Scout Plt Ldr, Korea. Rtg: AA. Qual: UH-1, OH-58. Time: 300 Hrs.

Chew, Eileen P., (1LT) (M89) 201 Lookout Ridge Blvd., Apt. 611, Harker Heights, TX 76543. Dy: (817) 288-3343. Res: (817) 890-8828. Dy: D Co, 403 Avn, 24D, Fort Hood. Rtg: AA. Time: 260 Hrs.

Ching, Clayton A., (CPT) (M90) (Clay) 51 East Harris Drive, Fort Rucker, AL 36362. Dy: (205) 255-3134. Res: (205) 588-1175. S: Carrie. Dy: Trng Research Officer, A-1-10 Avn, DOTD. Qual: UH-60A. Time: 600 Hrs.

Choi, Frederick S., (CPT) (M91) (Fred) 505 Briarwood Drive, No. B-7, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 347-2025. Dy: E-1-145th, Fort Rucker. Rtg: AA. Time: 130 Hrs.

Christensen, Kevin J., (2LT) (M91) 51779-4 Corniche Circle, Fort Hood, TX 76544. Dy: (817) 287-7470. Res: (817) 539-5650. S: Amber. Dy: Scout Platoon Leader, 4-6 Cav. 6th Cav. Bde. Time: 235 Hrs.

Clark, Frank S., (2LT) (M90) 507 Whittle Hudson Road, Ozark, AL 36360. Dy: (205) 255-3337. Res: (205) 774-9440. Dy: E-1-145th, Fort Rucker. Time: 100 Hrs.

Clarke, Timothy M., (CPT) (M85) HHT, 1-7 Cav, 1st CD, APO New York 09306-0030. Dy: (817) 287-7569. Res: (817) 899-9140. Dy: Squadron Avn Maint Off, Fort Hood, TX. Rtg: AA TP MTP. Maint Cn: AH-1. Qual: AH-1S. Time: 800 Hrs. Life Member.

Clavier, Eric B., (CPT) (M85) 3182 Anabel Avenue, Evans Mills, NY 13637. Dy: (315) 772-9734. Res: (315) 629-4137. S: Linda. Dy: Co Cdr, C Co, 3-25 Asst Hqtr Bn, Ft. Drum, NY. Rtg: AA. Qual: UH-60A. Time: 750 Hrs.

Clawson, Michael N., (CPT) (M85) 812 Benwood Drive, Clarksville, TN 37042. Dy: (602) 798-2224. Res: (615) 553-0204. S: Susan. Dy: Co Cdr, A Co, 1-101 Avn Regt, Ft. Campbell. Rtg: AA. Qual: AH-1S, AH-64A, UH-60A. Time: 1,050 Hrs/Cdt 12

Clements, Barry K., (CPT) (M91) (Barry) 317 Ardennes Circle, Fort Ord, CA 93941. Dy: (408) 242-2183. Res: (408) 899-2109. S: Gina. Dy: Co Cdr, Combat Support Co, Avn Bde, Fort Ord. Rtg: AA. Qual: AH-1S. Time: 750 Hrs.

Coaxum, Ronald W., (CPT) (M84) (Ron) HQ MTMC TTCE, APO San Francisco 96301-5000. Dy: 724-5315. Res: 728-2093. S: Laura. Dy: S-4

Officer, 1st Bn, 501st Avn Regt, 17th Avn Bde, Korea. Rtg: AA TP. Maint Crs: CH-47. Quat: CH-47D. Time: 595 Hrs.

Coester, Daniel W., (CPT) (M86) (Dan) Wings of Devil VP Prog, 217 Calhoun Drive, Leesville, LA 71446. Dy: (318) 531-4425. Res: (318) 462-2808. S: Angelica. Dy: D Twp, 3rd Sqdn, 1st US Cav, Ft. Polk, LA. Rtg: AA. Quat: AH-1S, OH-58. Time: 900 Hrs. VP, Wings of The Devil Chapter.

Cole, Curtis J., (CPT) (M89) 2057 B Werner Park, Fort Campbell, KY 42223. Dy: 7101, Fort Campbell, KY. Rtg: AA. Quat: CH-47D. Time: 1,200 Hrs.

Collette, Perry D., (CPT) (M87) Rhine Valley Chap VP Prog, 56th Avn Co, 70th Trans Bn, APO New York 09028. Dy: ETS 382-6250. Dy: 49-620-679-908. Dy: Executive Officer, 56th Avn Co, Mannheim, Germany. Time: 1,300 Hrs. VP, Rhine Valley Chapter.

Collins, Boyd D., (CPT) (M81) 21109 Corbin Boulevard, California City, CA 93505. Dy: (805) 277-3894. Res: (619) 373-1713. S: Angela. Dy: Avn R&D Safety Officer, USA Airworthiness Qualification Test Desk. Rtg: SAA S&P TP. Maint Crs: UH-60, FW. S&P Crs: MIL. Quat: UH-60A. Time: 2,000 Hrs.

Combs, John J., (1LT) (M88) Redcatcher Chapter Secy, HHT, 42 ACR, APO New York 09092. Dy: 461-4801. Res: (911) 364-984. Dy: Adjutant. Time: 850 Hrs./Cdt 20 Sec. Redcatcher Chapter.

Conley, William A., (CPT) (M81) (Bill) USDAO Singapore, American Embassy, PPO San Francisco 96969-0001. Dy: 65-338-0251/315. Res: 65-777-0804. S: Lucy. Dy: Foreign Area Off, Singapore. Rtg: AA. Quat: CH-47D. Time: 708 Hrs.

Compton, David M., (CPT) (M91) 6212 Lake Bluff Place, Fayetteville, NC 28304. Dy: (919) 396-6709. S: Manuella. Dy: Night Surgeon.

Connell, John P., (CPT) (M82) 215 Soledad Place, Monterey, CA 93940. Res: (408) 647-1319. S: Tim. Dy: DLI. Rtg: AA. Quat: AH-1S. Time: 700 Hrs.

Connolly, Michael C., (CPT) (M83) (Mike) USA ROTC IG Sr. Division, East Tennessee State Univ, Johnson City, TN 37614-0002. Dy: (615) 929-5291. Res: (615) 925-2726. S: Vickie. Dy: Asst Prof Military Science, East TN State Univ. Rtg: AA. Time: 1,060 Hrs.

Connolly, Paul F., (CPT) (M82) 2223 Offshore Drive, Sanford, NC 27330. Dy: (919) 396-9652. S: Patricia. Dy: Ops Off, HQ USA 1st Region ROTC Cdt Cmd, Ft. Bragg. Rtg: AA. Quat: UH-1, OH-58. Time: 625 Hrs. Past Area, Redcatcher Chapter.

Conners, Scott P., (CPT) (M91) 4355 Conquista Drive, Colorado Springs, CO 80913. Dy: (719) 579-3633. Res: (719) 591-8874. S: Lee. Dy: Flight Operations Officer, HHT, 277 Cav. Rtg: AA. Quat: AH-1S. Time: 700 Hrs.

Consani, Quint A., (2LT) (M91) (Ponyboy) CMT 2, Box 13568, Fort Rucker, AL 36362. Res: (205) 588-5291.

Conyers, Todd Z., (1LT) (M89) 34 West Luzon, Fort Bragg, NC 28307-1855. Dy: (919) 396-7300. Res: (919) 436-9146. S: Dottie. Dy: Pil Ldr, A Co, 215th, Ft. Bragg, NC. Rtg: AA. Quat: CH-47D. Time: 350 Hrs. AMT.

Cook, James C., (CPT) (M83) (Jim) U.S. Defense Attache Off, American Embassy, PPO New York 09530. Dy: 357-2-449916. Res: 357-2-424851. S: Kerry. Dy: Embassy Avn Liaison Off, Cyprus. Quat: UH-60. Time: 800 Hrs.

Corcoran, Kevin P., (CPT) (M91) (Cork) A Company, 815th Regiment, Harsau, Germany. S: Kim. Rtg: AA. Maint Crs: UH-1H. Time: 600 Hrs.

D Aviation Officer Directory

Cornell, Jerry S., (CPT) (M84) (Jill) AAAA Nat'l Memb-at-Large, 405 Navajo Drive, Enterprise, AL 36330. Dy: (205) 255-3100. Dy: Chief of Protocol, Fort Rucker, AL. Rtg: AA. Time: 500 Hrs. NEB. Past Sec, Morning Calm Chapter.

Cornett, Timothy R., (CPT) (M88) (Tim) HH-60, 8-158th Avn Regt., APO New York 09165. Dy: 06161-889023. Res: 06184-62836. S: Michele. Dy: Avn Maint Ops Off, Rtg: SAA IP TP. Maint Crs: UH-1 AH-1. Quat: AH-1S. Time: 1,150 Hrs.

Couture, Charles G., (CPT) (M89) (Chuck) 706 Spencer Street, Monterey, CA 93940. Res: (408) 655-8937. S: Harlene. Dy: Naval Post Graduate School, Rtg: AA TP. Maint Crs: AH-1. Quat: AH-1 UH-60A. Time: 865 Hrs.

Cox, Craig W., (CPT) (M88) (Craig) 3529 Whimble Lane, Colorado Springs, CO 80906. Dy: (719) 579-3683. Dy: Company Commander, Ft. Carson, CO. Quat: AH-1S AH-64A. Time: 1,200 Hrs.

Cox, David B., (2LT) (USAF) (Dave) 102 Newbell Road, T-11, Columbus, MS 39701. Dy: (404) 434-7653. Res: (601) 329-8652. S: Sharon. Dy: 43 FTS, 14 FTW, Columbus AFB, MS. Time: 100 Hrs.

Crabb, Jeffrey A., (CPT) (M88) (Buster) 3-1 AHB, Box 2155, APO New York 09250. Dy: 09802-832-607. Res: 098-02-1688. S: Sandra. Dy: Adjutant. Quat: AH-64A. Time: 1,500 Hrs. AMT.

Craddock, Brian M., (CPT) (M82) (Brian) AAAA Scholarship Fdn., 10466 White Granite Court, Oakton, VA 22124-2717. Dy: (703) 697-0487. Res: (703) 591-8826. S: Dawn. Dy: Avn Wpns Sys Log Officer, Pentagon, OODSLOG, Washington, DC. Rtg: AA MTP. Maint Crs: UH-1. Time: 640 Hrs. Sch Road.

Crary, Clarence J., (2LT) (M91) 94-1331 Kulewa LPWF, Waipahu, HI 96797. Dy: (808) 656-2422. Res: (808) 677-3886. S: Tammy. Dy: Platoon Leader, C-125th. Rtg: AA. Maint Crs: UH-1, OH-58A/C. Time: 250 Hrs.

Creamer, T.J., (CPT) (M88) 175 Beacon Street, Apt. 112, Somerville, MA 02143. Dy: (617) 253-5341. Res: (617) 547-1242. S: Peggy. Dy: MIT, Cambridge, MA. Rtg: AA. Quat: AH-1S. Time: 1,000 Hrs.

Crosby, William T., (CPT) (M87) (Tim) A Company, 515th Aviation Regiment, APO New York 09025. Dy: 0049-791-45-587. Res: 0049-791-2662. S: Janice. Dy: Cdr, Schwarzbach Hall, Germany. Rtg: AA IP. Maint Crs: CH-47. Quat: CH-47D UH-60. Time: 1,900 Hrs./Cdt 10

Crygler, Charles, (1LT) (M90) (Chuck) CMT 2, Box 13383, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 598-1322. Dy: E-1-145th. Rtg: AA. Maint Crs: UH-1. Time: 150 Hrs.

Cullinan, Mark A., (1LT) (M87) HSC, 3-1 AHB, Box 1567, APO New York 09250. Dy: ETS 4672-603. Res: 0681-77143. S: Gena. Dy: Asst S-3. Rtg: AA. Quat: AH-64A. Time: 550 Hrs./Cdt 13 AMT.

Cunningham, John R., (CPT) (M86) (Robert) HHC, 4-229 AHR, APO New York 09140. S: Tracy. Dy: S-2, HHC, 4-229 AHR. Rtg: AA. Quat: AH-64A. Time: 750 Hrs./Cdt 30

Curley, John C.W., (1LT) (M89) 1816 Bishops Green Drive, Marietta, GA 30062-6077.

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Dabbs, Willis N., (2LT) (M90) (Will) 901 B Torloke Drive, Lawton, OK 73607. Dy: (405) 351-6714. Res: (405) 357-3428. S: Cassie. Dy: Ft. Pitt Ldr, OPTM Avn, Ft. Sill. Rtg: AA. Quat: CH-47D. Time: 300 Hrs.

Dahlgren, James K., (2LT) (M90) 208 Candlebrook Drive, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 333-5083. Dy: Flight Student E-1-145 (unil 0891), Assignment Korea.

Dalpin, Douglas P., (CPT) (M82) (Doug) 435 Victory Road, Clarksville, TN 37042. Dy: (502) 798-5520. S: Sharon. Dy: A Co, 8-101 Avn, 101st ABN Div, Ft. Campbell, KY. Rtg: SAA TP. Maint Crs: AH-1 UH-60. Quat: AH-1S UH-60A. Time: 1,200 Hrs.

Darden, Stephen A., (CPT) (M84) (Steve) 40 Boyce Lane, Fort Rucker, AL 36362. Dy: (205) 255-3344. Res: (205) 598-2395. S: Karl Lynn. Dy: Small Group Instructor, Avn Adv Ctr, Ft. C, 1-13th Avn Regt, Rtg: SAA. Quat: AH-1S. Time: 1,500 Hrs.

Darrow, Keith R., (CPT) (M84) 401 Candlewood Drive, Enterprise, AL 36330. Dy: (205) 255-4892. Res: (205) 347-0277. S: Sheryl. Dy: Co Cdr, Ft. Rucker, AL. Rtg: AA IP. Quat: AH-1S. Time: 1,400 Hrs.

Davidson, Kurt E., (CPT) (M85) 2997 Kentucky Street, Apt. 205, Fort Campbell, KY 42223-1607. Dy: (502) 798-9567. Dy: UH-60 Pilot/SA, 5-101 Avn Regt, Ft. Campbell, KY. Quat: UH-60A. Time: 800 Hrs.

Davis, Dan J., (CPT) (M85) HHC 8th ID G-3, APO New York 09111. Dy: 490-6012. Res: 0671-61947. S: Linda. Dy: G-3 Training, Bod Kreuznach, FRG. Rtg: AA. Quat: AH-1S. Time: 950 Hrs.

Davis, Deborah T., (CPT) (M85) (Debbie) A Co., 5-158th Avn Regt., Box 219, APO New York 09025-0254. Dy: Executive Officer, APO. Rtg: AA. Quat: CH-47D. Time: 800 Hrs./Cdt 15 AMT.

Davis, Stuart D., (CPT) (M82) (Stu) 95-388 Lonoma Street, Miami, HI 96789. Dy: (808) 656-2769. Res: (808) 623-5708. Dy: UH-60 Pilot, HHC Avn Bde, 25th ID(L), Rtg: AA. Quat: UH-60A. Time: 1,700 Hrs. Past VP, Aloha Chapter.

Dawson, Samuel R., (1LT) (M89) (Sam) 28 Forest Park, Enterprise, AL 36330. Dy: (205) 255-3344. Res: (205) 347-9411. Dy: S-4, 1-223rd Avn, Ft. Rucker, AL. Rtg: AA. Quat: UH-60A. Time: 750 Hrs.

Day, Patrick B., (2LT) (M91) Route 3, Lot 323, Holiday Village, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 347-6952. Dy: Student Pilot, E Co, 1-145 AVN. Quat: OH-58. Time: 165 Hrs.

De Haan, David D., (CPT) (M89) 350 Taylor Avenue, Apt. B-1, Cape Canaveral, FL 32920. Dy: (205) 255-3973. Res: (407) 383-1406. Dy: Chief, Electronic Systems Branch, DOD, USAF/MC. Rtg: AA. Quat: AH-1S. Time: 1,100 Hrs.

Deller, Sean T., (1LT) (M88) Old Town Square, Apt. 406, Daleville, AL 36322. Dy: (205) 255-3344. Res: (205) 598-5446. Dy: E-1-13. Rtg: AA. Time: 400 Hrs.

Domino, Nicholas R., (2LT) (M89) (Nick) HHC 5/158 Avn Regt., Box 101, APO New York 09039. Dy: 328-7393-7380. Res: 061-71-21176. S: Martha. Dy: Asst S-4, Frankfurt, Germany. Time: 240 Hrs.

Desmond, Julie E., (2LT) (M90) Apt. 7A, Route 3, Box 292, Enterprise, AL 36330. Res: (205) 347-7096. Dy: E-1-145th, Fort Rucker, AL.

Desrosches, Lisa K., (CPT) (M89) 301 Emerald Drive,

Enterprise, AL 36330. Qual: (206) 255-3344. Res: (206) 393-5703. S: Pierre. Dy: Advance Course, R. Rucker, AL. Time: 504 Hrs.

Deverell, Shane M., (CPT) (M89) 18 Johnson Street, Fort Rucker, AL 36362. Dy: (206) 255-2719. Res: (206) 586-1236. S: Libby. Dy: Chief, Doctrine Analysis Branch, DOD, DOTS. Rtg: AA. Qual: AH-1S. Time: 740 Hrs.

Digiovanni, Richard H., (CPT) (M85) (Egger) Black Knights Camp Sr VP, 1-0-1 Thayer Road, West Point, NY 10996. Dy: (914) 598-2602. Res: (914) 446-0974. S: Arlene. Dy: Company Tactical Officer, USMA. Rtg: SAA IP. Time: 1,575 Hrs.

Dillon, Michael S., (CPT) (M82) (Mile) 6307 Deerfoot Loop, Linden, NC 28356. Dy: (919) 432-7712. S: Dee. Dy: US Army Spec Ops Cmdr, Ft. Bragg, NC. Rtg: SAA SIP. Qual: UH-60A. Time: 1,300 Hrs.

Diskant, Lawrence R., (1LT) (M89) (Lary) P.O. Box 198, P Troop, 4111 ACR, APO New York 09146. Dy: Ft. Ldr, Fuda, Germany. Rtg: AA TP. Time: Qual: OH-58A/C. 400 Hrs.

Disinger, Douglas A., (1LT) (M88) (Doug) 501 W. Central Texas Exp., No. 3007, Killeen, TX 76541. Dy: (817) 288-3030. Res: (817) 526-8211. S: Melissa. Dy: 8114 Platoon Leader, HSC 1-3 Avn, 2nd AD, Fort Hood, Qual: UH-60A. Time: 380 Hrs.

Distler, Donald E., (CPT) (M88) PSC Box 5427, APO Miami 34001-5000. Dy: (507) 284-3023. S: Sharon. Dy: Fixed Wing Section Ldr, B-4, 1228th, Ft. Kobb, Panama. Rtg: AA. Maint Csr: FW. Qual: C-12. Time: 525 Hrs.

Diva, Manuel C., (1LT) (M90) (Manny) 607 Livingston Street, Delaville, AL 36322. Dy: (206) 255-3311. Res: (206) 598-6460. S: Monica. Dy: 18 Avn Bde/18th Airborne Corp, Fort Bragg, NC. Rtg: AA. Qual: CH-47D.

Dixon, Jeffrey L., (CPT) (M84) (Jeff) 17 Donovan Lane, Fort Rucker, AL 36362. Dy: (206) 255-3260. Res: (206) 598-1206. S: Madeline. Dy: Co Cdr, E-14th Avn, Fort AP. Qual: AH-1S. OH-58A/C. Time: 1,050 Hrs.

Dolby, Michael L., (CPT) (M82) P.O. Box 744, Aberdeen Proving Rd, MD 21005. Dy: (301) 278-5026. Res: (301) 676-2364. S: Rayanne. Dy: US AMSEA, APM, MD. Rtg: SAA TP. Maint Csr: UH-1 UH-60. Qual: UH-60A. Time: 1,200 Hrs./Cbt 15

Dorsett, Larry P., (CPT) (M91) PSC Box 148, APO Miami 34001. Dy: Aviation Maintenance Officer, 617th SQAD, 160th Avn, Regt. Dy: 057-84-4909/5263. Rtg: AA TP. Maint Csr: UH-60. Qual: UH-60A. Time: 570 Hrs.

Douth, Robert L., (CPT) (M88) (Robert) 120 North Leeds Gate Rd., Savannah, GA 31406. Dy: (912) 352-6635. Res: (912) 927-8421. S: Paige. Dy: 1-24th Abk Hqtr Bn, 24 ID(MECH), Hunter AAF, GA. Rtg: AA. Qual: AH-64A. Time: 737 Hrs. 1 Bronze Star.

Drake, Timothy E., (CPT) (M84) (Tim) 3009 Westmire Drive, Killeen, TX 76542. Dy: (817) 288-3665. Res: (817) 628-7614. S: Cathy. Dy: 4th Sqdn, 6th Cav, Ft. Hood. Rtg: AA. Qual: AH-64A. Time: 850 Hrs. Past VP, Old Ironsides Chapter.

Draper, Jimmie D., (CPT) (M86) (JD) 25 Donovan Lane, Fort Rucker, AL 36362. Dy: (206) 255-2422. Res: (206) 598-1458. S: Army. Dy: 2 BN, 229th Avn Regt., Qual: AH-1S AH-64A. Time: 660 Hrs. Life Member.

Drew, Danny E., (1LT) (M89) 250 Carril Drive, Apt. 322, Sierra Vista, AZ 85635. Dy: (602) 533-7669. Res: (602) 459-9146. S: Haley. Dy: Student, A309 MI Bn, Fort Huachuca, AZ. Rtg: AA. Qual: OV-1. Time: 347 Hrs.

E Aviation Officer Directory

Drury, Robert C., (CPT) (M90) (Bob) 1120 Mossy Oaks Circle, Harker Heights, TX 76543. Dy: (817) 287-9944. Res: (817) 686-1640. S: Kathy. Dy: Troop Commander D Trip, 1-6 Cav, Ft. Hood, TX. Rtg: SAA TP. Maint Csr: AH-1. Qual: AH-1S, UH-60A, OH-58A/C. UH-1H. Time: 1,150 Hrs.

Duback, John D., (1LT) (M89) A Company, 3501st Aviation, APO San Francisco 96271. Dy: 1753-7103. Res: 1753-7591. Dy: Maintenance Platoon Leader, Camp Humphreys, Republic of Korea. Rtg: AA TP. Maint Csr: UH-1. Time: 272 Hrs.

Dulohery, Cynthia A., (2LT) (M90) (Cindy) 113 Yvonne Drive, Enterprise, AL 36330. Dy: (206) 255-3311. Res: (206) 347-3541. S: Joe. Dy: Aviation Student, E-145th. Time: 60 Hrs.

Dumoulin, John E., (CPT) (M86) (John) 1730 O'Farrell, Apt. 803, San Francisco, CA 94115. Dy: (415) 561-2402. Res: (415) 922-9143. Dy: GEN's Aide de Camp (DCG-A) 6th US Army/MG Patrick Brady. Rtg: AA. Qual: AH-1S UH-60A.

Durning, William, (CPT) (M85) (Bill) D Company, 502 Aviation Regiment, APO New York 09028. S: Lori. Dy: Service Plt Ldr. Rtg: AA TP. Maint Csr: CH-47. Qual: CH-47. Time: 1,050 Hrs.

Dupree, Ron D., (CPT) (M83) 232 Sparo Road, Madison, AL 35758. Dy: (206) 842-2933. Res: (206) 837-5865. S: Shana L. Dy: Ops Analyst (ORSA), DOD, OMNICS, Redstone Arsenal, AL. Rtg: SAA. Qual: AH-1S. Time: 1,480 Hrs. Past Traa, Banelux Chapter.

Durham, Kris E., (CPT) (M88) PSC Box 1506, APO Miami 34001. S: Kelly. Dy: Maint Officer, A Co, 1-228 Avn, Fort AP. Maint Csr: UH-60A. Qual: UH-60A. Time: 850 Hrs.

Duzanack, Peggy M., (1LT) (M89) (Peg) C Company, 1-501st Aviation, APO San Francisco 96208/0250. Dy: Air Assault Ft Plt Ldr, Camp Page, Korea. Rtg: AA. Qual: UH-60A. Time: 426 Hrs.

Dykes, David A., (CPT) (M90) Redcatcher Chap VP, Renew, O Trip, 42 ACR, Box 10293, APO New York 09092. Dy: 4614-826. Res: 49-9128-13902. S: Patricia. Dy: Troop Commander. Rtg: AA. Qual: AH-1S. Time: 800 Hrs./Cbt 50.

Dzubeck, Christopher, (2LT) (M89) (Zoo) 3412 Mollard Drive, Carleville, TN 37042. Dy: (615) 796-2951. Res: (615) 431-9913. S: Susan.

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Ebaugh, Stewart M., (1LT) (M89) 7015 Spencer Drive, Tallahassee, FL 32312. S: Carol. Dy: AVAC, E-1-13th, Ft. Rucker, AL. Rtg: AA. Qual: UH-60A. Time: 350 Hrs.

Eberhard, Andrew W., (1LT) (M86) (Andy) 663-21 Barton's Landing, Fayetteville, NC 28314. Dy: (919) 396-1510. Res: (919) 868-3303. Dy: Bn Adjutant, 1-159th Avn, 18th Avn Bde, Ft. Bragg, NC. Time: 500 Hrs.

Eberle, Joann Y., (CPT) (M89) 13112 Moss Ranch Lane, Fairfax, VA 22033. Res: (703) 968-4228. S: Nate. Dy: Dawson Army Airfield, Fort Belvoir, VA. Rtg: AA. Qual: UH-1. UH-60A. Time: 550 Hrs. Past Sec, Monterey Bay Chapter.

Eberle, Nathan R., (CPT) (M90) (Nate) 13112 Moss Ranch Lane, Fairfax, VA 22033. Dy: (703) 756-2488. Res: (703) 968-4228. S: Joann. Dy: OPTEC, Alex-

andria, VA. Rtg: AA. Maint Csr: UH-1. Qual: AH-1S. Time: 1,100 Hrs. Past VP, Monterey Bay Chapter.

Eckstein, Bryan S., (CPT) (M85) Wings of the Devil Secy, 5405A Anderson Court, Fort Polk, LA 71459. Dy: (318) 531-6474. Res: (318) 537-7869. S: Theresa. Dy: Asst Div Avn Ofc (ADAO), Avn Bde, SOD(M). Qual: AH-1S. Time: 600 Hrs. Sec, Wings of The Devil Chapter.

Edlund-Cooper, Jacqueline, (CPT) (M84) (Jackie) 56th Aviation Company, Box 132, APO New York 09028. S: Kenneth. Dy: Service Plt Ldr, Mannheim, Germany. Rtg: AA TP. Maint Csr: UH-1. Time: 750 Hrs.

Edmondson, Stephen C., (1LT) (M91) 1603 E. Andrews, No. 80, Oskok, AL 36360. Dy: (206) 255-3311. Dy: Flight Student.

Edwards, Laurel E., (2LT) (M90) P.O. Box 620-441, Fort Rucker, AL 36362. Dy: (206) 255-3311. Res: (206) 346-2332. Dy: E-145th. Rtg: AA. Maint Csr: UH-1. Time: 200 Hrs.

Eggesdal, David E., (CPT) (M90) High Desert VP Sec Progs, 1801 Herndon Road, Apt. 101, Bartow, CA 92311. Dy: (919) 386-4439. S: Kelly. Dy: Medevac Pilot, 247th Med. Det., Time: 1,100 Hrs.

Eichelberger, Scott, (CPT) (M89) 1001 Twin Creek Drive, Killeen, TX 76543. Dy: (817) 288-5727. S: Lois. Dy: S-4, HSC2-3, Ft. Hood. Rtg: AA TP. Qual: UH-60. Time: 1,600 Hrs.

Elliott, Laura A., (CPT) (M91) (ET) 1903 Meadowbrook Drive, Killeen, TX 76544. Dy: (817) 287-8067. Res: (817) 699-3653. S: Tom. Dy: Brigade Chemical Officer, 6th Cavalry Brigade (Air Combat).

Enderle, Kimberly A., (1LT) (M88) 15 Forest Park Apts., Enterprise, AL 36330. Dy: (206) 255-3344. Res: (206) 347-6635. Dy: F Co, 1-13 Avn Regt, Ft. Rucker, AL. Rtg: AA MTP. Maint Csr: UH-60. Qual: UH-60A. Time: 405 Hrs.

English, William T., (1LT) (M89) (Todd) 108 Carriage Place, Carleville, TN 37042. Dy: (602) 796-6093. Res: (615) 648-1087. Dy: HSC 3101 Avn Regt, 101st Abn Div (AASLT), Ft. Campbell, KY. Rtg: AA. Qual: AH-1S. Time: 660 Hrs./Cbt 15

Enochs, Gregory J., (CPT) (M89) (Greg) 105 Valley Drive, Daleville, AL 36322. Dy: (206) 255-3341. Res: (206) 598-0078. S: Belinda. Dy: E-1-13, Fort Rucker, AL. 36322. Qual: AH-64A. Time: 500 Hrs.

Erker, Erich, (CPT) (M84) 405 Hickory Bend Road, Enterprise, AL 36330. Res: (206) 393-3518. S: Michele. Dy: AOAC, Ft. Rucker, AL. Rtg: SAA TP. Maint Csr: AH-1. Self Csr: MIL. Qual: AH-1S UH-60. Time: 2,300 Hrs./Cbt 225

Erker, Michelle K., (CPT) (M83) 405 Hickory Bend Road, Enterprise, AL 36330. Res: (206) 393-3518. S: Erich. Dy: FWMEDCO, Fort Rucker, AL. Rtg: AA TP. Maint Csr: AH-1. Qual: AH-1S. Time: 538 Hrs.

Esposito, Richard, (CPT) (M89) 23 Vaughn Court, Easton, NJ 07724. S: Donna. Dy: Electrical Eng, Avionics R&D Act, Ft Monmouth. Rtg: AA. Qual: AH-1S AH-64A. Time: 1,000 Hrs.

Evans, Frederick, (1LT) (M89) Stuttgart Chapter Secy, HHC 4-159 Avn Regt, Bx 891, APO New York 09059. Dy: Fixed Wing Plt Ldr, Stuttgart AAF, Erdorfing, FRG. Rtg: AA. Maint Csr: U-21, C-12. Time: 300 Hrs. Sec, Stuttgart Chapter.

Evans, John R., (1LT) (M89) (Rutter) 6119 Baling Road, Greensboro, NC 27410-3119. Dy: (919) 432-7755. Res: (919) 822-5862. S: Lynn. Dy: 1st Bn (AB), 82nd Avn Bde, Ft. Bragg, NC. Rtg: AA. Qual: AH-64A. Time: 325 Hrs./Cbt 30 AM/1V.

Evans, Samuel S., (CPT) (M85) (Sam) 109 Coral Way, Enterprise, AL 36330. Dy: (206) 255-3344.

Way, Enterprise, AL 36330. Dy: (205) 255-3344. Res: (205) 347-4044. S. Reva. Dy: F/1-13th, Fort Rucker, AL. Rtg: AA TP. Maint Crs: UH-1 AMOC. Time: 830 Hrs.

Exley, Clinton R., (CPT) (M85) 306 Daleville Avenue, Apt. 2, Enterprise, AL 36330. Dy: (205) 255-2624. Res: (205) 393-2830. S. April. Dy: 1-13, D Co, 1-114th Avn. Rtg: AA. Qual: AH-1F AH-64A. Time: 870 Hrs.

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Faber, Alfred, (CPT) (M86) 3742 Kaiser NE, Canton, OH 44705-2718. Dy: (216) 497-8147. Res: (216) 497-2934. S. Gail. Dy: HQ 4th Sqn, 107th ACR, SL Rtg: AA IP TP. Maint Crs: OH-58A. Time: 1,700 Hrs.

Fagone, Samuel P Jr., (1LT) (M88) 307-E Eucalyptus Place, Apt. E, Honolulu, HI 96818-1212. Dy: (808) 656-5400. S. Mary. Dy: C Troop, 59 Cavalry, Schofield Barracks, HI. Rtg: AA.

Farren, Kathleen B., (2LT) (M91) (Erogan) 401 Newton #49, Ozark, AL 36360. Dy: (205) 255-3311. Res: (205) 774-0490. Dy: E-1-145. Qual: UH-1. Time: 180 Hrs.

Fehlinger, Dennis C., (1LT) (M88) 3368 Quail Lake Road, Apt. 237, Colorado Springs, CO 80906-4671. Dy: (719) 579-9647. Res: (719) 540-8074. S. Leslie. Dy: Adk Pitt Ldr, D Troop, 27 Cav, Fort Carson, CO. Qual: AH-1S. Time: 189 Hrs.

Feistner, Curt D., (2LT) (M80) 9 Brown Avenue, Daleville, AL 36322. Res: (205) 598-5476. Dy: E-1-145H.

Ferdorfer, Scott M., (CPT) (P) (M86) HHC, 4228th Avn. Regt., APO Miami 34042-6000. Dy: 448-0537/4531. Res: (205) 393-3233. S. Virginia. Dy: Bn S-3, Honduras. Rtg: AA. Qual: OH-58A/C. Time: 1,700 Hrs.

Ferrer, Felipe, (2LT) (M91) 116 Fossil Drive, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 393-5321. Dy: E Co, 1-145th Avn, Ft. Rucker, AL. Time: 100 Hrs.

Fessenden, Alan D., (CPT) (M85) (A) 4-228 Avn, Soto Cano AB, Honduras, APO Miami 34042. S. Peggy. Dy: Ft Ops Off. Rtg: AA. Qual: AH-1S. Time: 1,050 Hrs.

Fields, Edward S., (CPT) (M89) (Ed) D Co, 1st Bn. (A8), 2nd Aviation Regiment, APO San Francisco 96324-0483. Dy: DSN 732-7664. Dy: Cdr. Rtg: AA TP. Qual: AH-1F. Time: 800 Hrs.

Fiero, Herman H., (CPT) (M85) A Company, 1st M Bn. (AE) Box 1491, APO New York 09457. S. Karen. Dy: Platoon Leader, Wiesbaden Air Base, Germany. Rtg: AA. Qual: OV-10. Time: 1,300 Hrs.

Filer, Bruce E., (2LT) (M91) HHC, 2nd Battalion, 2nd Aviation Regiment, APO San Francisco 96324. Dy: 732-5646. Dy: Asst. S-4/11V Platoon Leader, Camp Stanley, Korea.

Finch, Mary M., (CPT) (M86) (Mim) 3050A Putnam Place, West Point, NY 10996. Dy: (914) 398-2725. Res: (914) 446-0375. S. Jeff. Dy: Co Tactical Off, West Point, NY. Time: 500 Hrs.

Finley, William L., (1LT) (M88) (Bill) P.O. Box 8056, Fort Bliss, TX 79908. Dy: (915) 568-8616. Res: (915) 590-0112. Dy: XO, HHT, 43d ACR. Rtg: AA. Qual: AH-1S. Time: 480 Hrs./Cbt 31 AMV.

Fish, Charles A., (1LT) (M88) (Tony) HHC, 2X ADCS, APO San Francisco 96324. Dy: 730-5013. S. Judy. Dy: Aide-de-Camp Asst Dy Cdr, 2d ID. Rtg: SAA IP. Qual: AH-1S. Time: 2,520 Hrs.

Fisher, Russell E., (CPT) (M88) 5/6 Cavalry, 12th Avn Bde, APO New York 09457. Res: 049-611-

G Aviation Officer Directory

29554. S. Carol. Dy: Wiesbaden Air Base, Wiesbaden, Germany. Rtg: AA. Qual: AH-64. Time: 850 Hrs./Cbt 45

Fitzpatrick, Bobby, (CPT) (M85) (Fitz) P.O. Box 384, Millini, HI 96789. Dy: (808) 655-6215. Res: (808) 623-6880. Dy: 4-25 Avn Regt, Schofield Barracks, HI. Rtg: AA. Qual: AH-1S, UH-1, OH-58. Time: 600 Hrs.

Fleetwood, Michael A., (1LT) (M88) (Mick) A Company, 2-501 Aviation, APO San Francisco 96327-0146. Res: (206) 734-1126. S. Sang Sun. Dy: CH-47 Operations Officer, A2-501 Avn. Rtg: AA. Qual: CH-47D. Time: 800 Hrs.

Flemin, Larry W., (CPT) (M87) (Larry) 12 Hancock, Fort Leavenworth, KS 66027. Dy: (913) 684-8654. Res: (913) 651-9796. S. Dayle. Dy: Action Officer, AFCSA V Spec Study Grp. Rtg: AA. Qual: AH-1S AH-64A. Time: 2,600 Hrs.

Fletcher, Robert H., (CPT) (M87) (Bob) 811A Fort Barry, Sausalito, CA 94965-5709. Dy: (415) 561-2796. Res: (415) 331-1703. S. Kyle. Dy: HQ 8th U.S. Army, Presidio of San Francisco, CA. Rtg: AA. Suf Crs: Mil. Time: 1,000 Hrs.

Ford, Richard E., (CPT) (M88) (Rick) 401 Aundria Drive, Lafayette, LA 70503. Dy: (318) 237-9046. Res: (318) 984-1107. S. Christel. Dy: 872nd Med Det (FA), Flight Ops Ofcr. Rtg: SAA. Suf Crs: Mil. Cbt 12

Foster, Mark C., (CPT) (M89) North Country Vt. Pl. Drum, 134 Keyes Ave., Apt. 7, Watertown, NY 13601. Dy: (315) 772-9687. Res: (315) 788-9070. Dy: Avn Bde Asst S-3, 10th Avn Bde. Time: 500 Hrs.

Franks, Eldon E., (CPT) (M84) (Pete) D Troop, 2/6 Cavalry, Box 087, APO New York 09140. S. Dianne. Rtg: AA TP. Maint Crs: OH-58. Qual: UH-60. Time: 1,275 Hrs./Cbt 25

Frensch, Benjamin, (CPT) (M90) (Ben) HQ, 7th MEDCOM, P.O. Box 247, APO New York 09102. S. Cindy. Dy: AVN Staff Officer, Hadsberg, GE. Rtg: AA. Qual: UH-60A. Time: 850 Hrs.

Fritz, Mark S., (CPT) (M89) (Steve) HHC Task Force Viper #42, APO NY 09165. Dy: 011-49-06181-572132. S. Jeanine.

Fromm, Ronald W., (CPT) (M85) (Squash) HHS 2nd M Battalion (AE), Box 194, APO New York 09359. S. Donna. Dy: Bde Avn Off, Stuttgart, Germany. Qual: RC-12, UH-60A, OV-1. Time: 1,400 Hrs./Cbt 103

Frost, John M., (CPT) (M85) (Jack) 5929 Maple, Wichita, KS 67208. Dy: 287-5655. S. Candace. Dy: E Co, 228 Avn Regt, Corozal, Panama. Rtg: AA TP. Maint Crs: UH-1 UH-60A. Qual: UH-60A. Time: 790 Hrs.

Fugall, Edward, (CPT) (M88) 6612 Todd Street, Fort Hood, TX 76544. Dy: (817) 288-2319. Res: (817) 399-9697. S. Gina. Dy: Bde Asst, S-3, HHT, 6th Cav Bde. Rtg: AA IP. Qual: AH-1S AH-64A. Time: 875 Hrs.

Fuller, Nicholas E., (2LT) (M90) (Nick) 4035 Westmeadow Drive, Apt. 1124, Colorado Springs, CO 80906. Dy: (719) 579-5620. Res: (719) 578-2962. S. Elise. Dy: 4th Avn Bde. Rtg: AA. Time: 164 Hrs.

Fur, Philip L., (CPT) (M82) (Phil) 2079-A Werner Park, Fort Campbell, KY 42223. Res: (615)

431-4489. S. Betsy. Dy: Ops Off, C Co, 1-160th SOAR(A), Rtg: SAA. Qual: UH-60A. Time: 1,450 Hrs. AMV.

Fye, Dale A., (CPT) (M91) P.O. Box 1006, Rosepine, LA 70669. Dy: (318) 531-2468. Res: (318) 462-0451. Dy: Cmdr, HHC, Aviation Brigade, 5ID. Rtg: AA. Maint Crs: UH-1.

GGGGGGGGGG

Gaede, Kinch P., (CPT) (M91) 1 Georgian Terrace, Midland City, AL 36350. Res: (205) 983-4117. S. Helene. Dy: E Co, 1/13th Avn Regt, Fort Rucker, AL. Rtg: AA. Qual: UH-60A. Time: 650 Hrs.

Galey, Lawrence A., (CPT) (M91) (Larry) D Company, 1-501 Aviation, Box 411 K-16, APO San Francisco 96301-0011. Dy: DSN 741-6629. S. Kyong Suk. Dy: Commander, E Co (PFOV), 1-501 Aviation, K-6 Airbase, Seoul, Korea. Rtg: AA TP. Maint Crs: UH-1. Time: 450 Hrs.

Galvin, James J Jr., (CPT) (M85) (Jim) 115 Merivine Street, Monterey, CA 93940. Dy: (408) 646-3116. Res: (408) 373-3802. S. Regina. Dy: Student, Naval Post Grad Schl. Rtg: AA. Qual: AH-1S. Time: 1,000 Hrs.

Gance, Joseph P., (1LT) (M90) 25 Galt Lane, Fort Rucker, AL 36382. Dy: (205) 255-3344. Res: (205) 598-5123. S. Jennifer. Dy: E-1-145H, F/1-13th, Ft. Rucker, AL. Time: 159 Hrs.

Garcia, Rafael J., (CPT) (M88) 124 Alumni Avenue, Hopkinsville, KY 42240. Dy: (502) 798-4896. Res: (502) 886-8962. S. Susan. Dy: 101-1 Avn Regt, C Co. Rtg: AA. Qual: AH-64A. Time: 600 Hrs./Cbt 55 AMV, TV.

Garman, Taddison J., (CPT) (M87) 5945 Wainwright Drive, Fort Hood, TX 76544. Res: (817) 539-2833. S. Kathy. Dy: Cdr, A Co, 1-3 AHB, 24D, Rtg: AA IP. Qual: AH-1S AH-64A. Time: 1,500 Hrs./Cbt 50 AMV.

Garner, Kenneth D., (CPT) (M86) 2d M Battalion (AE), Box 392, APO New York 09359. S. Tent. Dy: Adjutant, Stuttgart, Germany. Rtg: AA. Maint Crs: FW. Qual: OV-1. Time: 770 Hrs./Cbt 60 AMV.

Gaslin, Robin L., (CPT) (M84) 505 Main Boulevard, Apt. 619, Savannah, GA 31406. Dy: (912) 352-6471. Res: (912) 352-2116. Dy: Avn Maint Off, K Co, 159th Avn. Rtg: AA TP. Maint Crs: CH-47D. Qual: CH-47D. Time: 1,200 Hrs./Cbt 32

Gasta, Mark R., (1LT) (M89) B Company, 6/158 Aviation, Box 11, APO New York 09185. Dy: 49-6131-459-856. Res: 49-611-567-906. S. Margaret. Dy: B-158 Avn TRW, 12th Avn Bde, Mainz-Finthen, Germany. Qual: CH-47D. Time: 350. Cbt 70

Gatlin, Billy T Jr., (CPT) (M87) P.O. Box 3492, Fort Polk, LA 71459. Dy: (818) 531-2627. Res: (318) 535-0906. S. Claudia. Dy: F Co, 5th Avn Regt., APO. Maint Crs: UH-60. Qual: UH-60A.

Gentry, Alphonso, (2LT) (M91) 103 Springdale 78, Enterprise, AL 36330. Dy: (205) 393-4637. Dy: 7-01st Avn, Ft. Campbell, KY. Rtg: AA. Suf Crs: Ov. Qual: CH-47D.

Gensauld, Dennis, (CPT) (M89) (Dennis) 1016 Chestnut - 5, Fort Wainwright, AK 99703. Dy: (907) 353-2320. S. Maureen. Dy: Cdr, HHC 4123 Avn Regt. Qual: UH-60A. Time: 1,250 Hrs.

George, David A., (1LT) (M91) CMR 2, Box 13414, Fort Rucker, AL 36382. Res: (205) 347-4708. Dy: Student Pilot, E-1-145, 1st Bgde, Fort Rucker, AL. Time: 100 Hrs.

Getman, Paul L., (CPT) (M87) 2601 Redstone Drive, Killeen, TX 76542. Res: (817) 634-3401. S. Wendy. Dy: Ft Ops Off, 1/7 CAV, 1CD, Rtg: AA.

Qual: AH-1S. Time: 460 Hrs.

Gilllette, Mark, (CPT) (M90) 5924 Sherborn Lane, Springfield, VA 22152. Dy: (202) 939-6600. Res: (703) 451-1768. S: Inghil. Dy: XO, Aide-de-Camp, Inter-Army Defense Board. Qual: AH-1S. Time: 700 Hrs.

Gilliam, Anthony A., (2LT) (M91) 28 Castle Lane, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 598-3404. S: Jacquelin. Dy: E Co, 1/41st. Time: 65 Hrs.

Gilliam, Kenneth R., (CPT) (M83) (Ken) Box 564, Randolph AFB, TX 78148. Dy: (512) 852-5710. Res: (409) 248-9950. S: Sandra G. Dy: FSH Ft Det. Rgt: SAA TP. Maint Csc: UH-1, OH-58, U-21, C-12, RC-12H. Time: 1,830 Hrs.

Gills, Reginald R., (CPT) (M91) (Reggie) HHC 4th Aviation Brigade, APO New York 09185. S: Christa. Dy: Bn XO, 3rd Bn, 4th Avn Regt, 7th Army Airfield. Rgt: AA. Qual: AH-1S. Time: 700 Hrs/Cbt 41 AM/1.

Glover, Gregory W., (1LT) (M89) (Greg) C Company, 4501 Aviation, APO New York 09208. Dy: 721-5939. Res: 721-5122. Dy: Gun Pit Ldr, Camp Pae, Korea. Rgt: AA. Qual: AH-1F. Time: 600 Hrs.

Gniadek, John J., (CPT) (M86) 5450 Albatross Avenue, Ewa Beach, HI 96706. Dy: (808) 655-2434. Res: (808) 499-2220. S: Yong. Dy: S-3, 12th Trans BN, Schofield Barracks, HI. Rgt: SAA IP. Maint Csc: UH-1. Qual: CH-47D. Time: 1,460 Hrs.

Godfrey, Daniel A., (CPT) (M86) (Dan) 4250 East Busby Drive, Apt. 105, Sierra Vista, AZ 86035. Dy: AV 879-2829. Res: (602) 499-8309. Dy: E Co, 304 MI Bn. Rgt: AA. S: C. Mil. Qual: OV-1. Time: 800 Hrs. AM/1.

Goforth, William T., (1LT) (M89) (Bill) 95-273 Wakefield Drive, Apt. D-804, Milford, HI 96789. Dy: (808) 449-9376. Res: (808) 623-2545. Dy: Aeromedical Evacuation Plt, 68th Med Det (AA), Hickman AFB, HI. Time: 420 Hrs.

Goldenberg, Richard L., (1LT) (M89) (Wile E. Coyote) 5200 Coe Avenue, Apt. 2033, Fort Ord, CA 93941. Dy: (408) 242-4201. Res: (408) 899-2955. Dy: Infantry Liaison Off, 2nd Sqnd, 9th Cav. Rgt: AA.

Golden, Walter M.Jr., (CPT) (M86) (Wally) 2822 S. Mobile Street, Aurora, CO 80013. Dy: (303) 792-6543. Res: (303) 693-6245. S: Joann. Dy: 6th Army Avn Readiness Grp, Englewood, CO. Rgt: SAA. Maint Csc: FW. Qual: AH-1S. Time: 1,550 Hrs.

Goldsbey, Dale A., (CPT) (M83) 203 Wildwood Drive, Enterprise, AL 36330. Dy: (205) 255-6282. Res: (205) 347-8991. S: Mary Ann. Dy: Standardization IP/OT, Fltation, Fort Rucker, AL. Rgt: SAA IP SIP. Maint Csc: UH-1. S: C. Mil. Qual: UH-58, UH-121, UH-60A. Time: 1,700 Hrs.

Goll, Daniel J., (1LT) (M91) 32 Olsen Drive, Fort Rucker, AL 36362. Res: (205) 596-3551. S: Kim. Dy: D Co, 1-223rd Avn, Ft. Rucker, AL. Qual: OH-58A/C. Time: 200 Hrs.

Gonski, Bruce J., (1LT) (M89) HHC Company, 3227 AHB, Box 26, APO New York 09185. S: Lisa. Dy: LNO, Regerhorst Kaserne, Germany. Rgt: AA. Time: 525 Hrs/Cbt 11

Graze, Leslie W., (1LT) (M89) 51768-3 Comanche Circle, Fort Hood, TX 76544. Dy: (817) 287-0330. Res: (817) 539-4333. S: Dona. Dy: Ft Ldr, B2-56th.

Green, Charles W., (CPT) (M82) (Chuck) HHC 8th Infantry Division, APO New York 09111. Res: (804) 551-8890. S: Maureen. Dy: Asst G3 Plans Off, HHC 80th MI. Rgt: SAA. Qual: AH-1S. Time: 1,075 Hrs. Past Sect, Mainz Chapter.



Aviation Officer Directory

Green, Daniel R., (2LT) (M91) 38 The Oaks Apartments, Daleville, AL 36322. Res: (205) 598-8439. Dy: E71-145th.

Green, Jesse L., (CPT) (M85) 101 Anasoph, Enterprise, AL 36330. Dy: (205) 255-4704. Res: (205) 347-3229. S: Susan. Dy: A Co, 1-10 Avn Project Officer. Rgt: AA. Qual: AH-1. Time: 500 Hrs.

Green, Tim A., (1LT) (M90) P.O. Box 10464, 4/2 ACR, APO New York 09082-0216. Dy: Ft Ldr, 2nd Armored Cav, Nurnberg, Germany. Rgt: AA. Qual: UH-60A. Time: 750 Hrs/Cbt 40

Greene, Keith D., (CPT) (M89) 1332-B Warner Park, Fort Campbell, KY 42223. Res: (615) 431-6349. S: Vicki. Dy: Cdr, E Trip, 217 Cav, 101st Avn Div (Asst). Rgt: AA TP. Maint Csc: UH-60. Qual: UH-60A. Time: 800 Hrs/Cbt 20 AM/1.

Greenwood, Kevin J., (1LT) (M88) (C) 7/158th Avn Regt, APO New York 09457. Dy: 337-5289. S: Nancy. Dy: Wiesbaden, Germany. Qual: UH-60A. Time: 485 Hrs/Cbt 6

Gregory, Michael T., (CPT) (M85) (Mike) C Company, 3/1 AAHR, APO New York 09250. Dy: 049-081-603. Res: 049-9802-5816. S: Lori. Dy: Cdr, 4th Avn Bde, Katterbach, Germany. Qual: AH-1S AH-64A. Time: 1,050 Hrs/Cbt 50 AM/1, IV.

Griffin, George A., (CPT) (M82) 8511 Rippled Creek Court, Springfield, VA 22153-3607. Dy: (703) 664-3519. Res: (703) 690-6051. Dy: University of Virginia, Charlottesville, VA. Rgt: SAA. Qual: UH-60A. Time: 1,300 Hrs.

Grigsby, Robert E., (1LT) (M89) 120 Osprey Drive, Richmond Hill, GA 31324. Dy: (412) 352-5129. Res: (716) 756-3904. S: Michele. Dy: A Co, 3/24 Avn (OH-58D Pit Ldr), HAAF, GA. Rgt: AA. Qual: UH-60A/C, UH-1. Time: 386 Hrs/Cbt 32

Grissell, Christian B., (1LT) (M88) (Chris) C Co, 2-227th Avn Regt., APO New York 09165. Dy: ETS 322-7771. Res: 049-06181-573980. S: Laurie. Dy: Ft Ldr, 2-227th Avn, Hanau, Germany. Rgt: AA. Qual: AH-1S AH-64A.

Gronbeck, Paul D., (1LT) (M91) 715 Adair Avenue, Idaho Falls, ID 83402-2939. Res: (208) 523-9082. S: Tracy L. Dy: Korea. Rgt: AA. Qual: OH-58A/C, UH-1H.

Gruess, Steven C., (CPT) (M83) (Steve) 5724 Erbe Avenue, Ingoles Point, Ewa Beach, HI 96706. Dy: (808) 684-0835. Res: (808) 499-1992. S: Marjorie. Dy: Cdr, B Co, 214th Avn Regt, Naval Air Station, Barbers Pt, HI. Rgt: AA. Qual: CH-47D. Time: 752

Gunter, Evin K., (CPT) (M89) (Keith) 1203-B Warner Park, Fort Campbell, KY 42223. S: Beth. Dy: HFT 2-17 Cav Regt. Rgt: AA. Qual: AH-1S. Time: 600 Hrs/Cbt 5

Guthrie, James B., (CPT) (M83) (Alo) HHC, 4th Bde, 1st AD, Box 2637, APO New York 09250. Dy: 467-2894. Res: 9625-5635. S: Patti. Dy: S-3 Operations, Katterbach, Germany. Rgt: SAA. Maint Csc: AH-1 OH-58. Qual: AH-1S. Time: 1,000 Hrs. Past VP, Old Ironsides Chapter.

Gutierrez, Eduardo, (CPT) (M85) (Ed) 223 Schwertner Drive, Kileen, TX 75543. Dy: (214) 287-8077. Res: (817) 690-7562. S: Alma. Dy: 6th CBA/C, Opns, Ft. Hood. Rgt: AA TP. Qual: AH-1S AH-64. Time: 1,000 Hrs.

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Hacker, Roger L., (CPT) (M85) 20 Avenida Road, Fort Bragg, NC 28307. Dy: (919) 396-2733. Res: (919) 436-2817. S: Judi. Dy: Battalion S-4, 2159th Avn. Rgt: AA. Qual: CH-47D. Time: 650 Hrs/Cbt 13 AM/1.

Haddad, Mitchell E., (CPT) (M85) (Mitch) 3351 East Rhett Butler Rd, Clarksville, TN 37042. Dy: (615) 798-6002. Res: (615) 551-4238. S: Karen M. Dy: Asst S-3 Opns, 101 Avn Bde, 101st Airborne Div. Rgt: AA. Time: 675 Hrs.

Halligan, John B., (CPT) (M90) P.O. Box 4607, MEDDAC, APO New York 09742. Dy: 819-4110. Res: 831-3745. S: Kathleen M. Dy: HHC Berlin Bde, Ft. Surgeon.

Hammond, Robert M., (2LT) (M89) (Bob) A Co, 4-228th, 128th Avn., Soto Cano Air Base, APO Miami 34042. Dy: UH-60 Pit Ldr, A Co, 4-228th Avn, Soto Cano AB, Honduras. Rgt: AA. Qual: UH-60A. Time: 200 Hrs.

Hansford, Jo F., (CPT) (M85) 193rd Aviation Company, APO New York 09454. Dy: 07161-618-726. Res: 07164-2658. S: Mark. Dy: Goppingen, Detachment Cdr. Rgt: AA TP. Maint Csc: UH-1.

Hanes, Richard R., (1LT) (M89) (Randy) 51769-2 Comanche Circle, Fort Hood, TX 76544-1106. Res: (817) 539-4942. S: Vicki. Dy: D Co, 227 Avn, 1 Cav Div. Rgt: AA MTP. Qual: UH-60A. Cbt 1

Hartman, Benny M., (CPT) (M81) (Ben) P.O. Box 835, Copper Cove, TX 76622-0835. Dy: (817) 268-9019. S: Ida Mae. Dy: A Co, 15th Military Intelligence Battalion, Fort Hood, TX. Rgt: AA. Maint Csc: PW. Qual: OV-10, U-21, OH-58, UH-1. Time: 1,800 Hrs/Cbt 200 Past VP, Air Cavalry Chapter.

Harty, Charles N., II, (CPT) (M89) (Chuck) Hanau Chapter VP Prog., H Co, 227th Avn., TFW, APO New York 09165. Dy: 322-7737. Res: 049-06181-55225. S: Ginger. Dy: Cdr, H Co, 7-227 Avn Bn, 34D. Qual: UH-60A. Time: 1,625 Hrs/Cbt 100. AM/2. VP, Hanau Chapter.

Harrison, Marc R., (2LT) (M91) (Fred) CMR 2, Box 13318, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 383-5400. Dy: E Co, 1-145 Avn. Time: 85 Hrs.

Harrison, John C., (CPT) (M85) (153583) 3111 Westchester, Clarksville, TN 37043. Res: (615) 358-3058. S: Tracey. Dy: 1/160th SOAR (Abn), Ft. Campbell, KY. Rgt: AA. Qual: AH-1S, AH-6, AH-64A, OH-58. Time: 1,000 Hrs.

Harris, Spencer D., (CPT) (M83) 305 Lakeshore Road, Enterprise, AL 36330. Dy: (205) 255-3341. Res: (205) 347-9497. S: Deanna. Time: 570 Hrs.

Hart, George J., (1LT/P) (M89) D Company, 4/159th Avn. Regt, Box 89, APO New York 09358. S: Sharon. Dy: Ft Ldr, Stuttgart, Germany. Rgt: AA. Qual: CH-50. Time: 900 Hrs/Cbt 75

Harvey, Kenneth N., (CPT) (M86) HHS Co, 2d MI Bn (AE), Box 661, APO New York 09359. S: Julie. Dy: Bn S-4/AMO. Rgt: AA TP. Maint Csc: AH-1, FW. Qual: AH-1S, OV-10. Time: 1,100 Hrs. AM/1.

Hassel, Michael E., (CPT) (M81) (Mike) 104 Crestview Drive, Enterprise, AL 36330. Dy: (205) 255-2108. Res: (205) 383-2574. Dy: TRADOC Project Office, Apache. Rgt: AA IP. Maint Csc: OH-58 UH-1 AH-1S AH-1F. Qual: AH-1S. Time: 4,600 Hrs. Past VP, Thunderhorse Chapter.

Hassett, Sandra J., (1LT) (M89) (Sand) P.O. Box 4182, Fort Polk, LA 71459-1182. Dy: (318) 531-1866. Res: (318) 537-7921. Dy: Ft Ft Ldr, E Co, 3-5 Avn.

Hahn, Jeffrey, (CPT) (M85) (Jeff) 60 End Avenue, Doleville, AL 36362-2240. Dy: (205) 255-8911. Res: (205) 598-1588. S: Mary Ann. Dy: USAMRII, Fort Rucker, AL. Rtg: SAA. Qual: UH-60, U-21. Time: 1,600 Hrs.

Hahn, Roland C., (CPT) (M85) (Goldie) A/3-501 Aviation Regiment, APO San Francisco 96271-0139. Res: (615) 431-5298. S: Arly. Dy: Camp Humphrey, Korea, Avn. Maint. Officer. Rtg: AA TP. Maint. Ctr. OH-47. S: C. Mil. Qual: OH-47D. Time: 800 Hrs.

Hawes, Randall L., (2LT) (M90) (Randy) 1201 Bacon Ranch Rd., #223, Killeen, TX 76742. Dy: (617) 287-0002. Res: (617) 554-3263. S: Jana. Dy: Pilot/Platoon Leader. Time: 200 Hrs.

Hayes, Mark W., (CPT) (M86) 335 Bedford Circle, N. Syracuse, NY 13212. Dy: 10th Av Bgt, 3/17 Cav. S-3, Ft. Drum, NY 13603. Past Sec. For Bagg Chapter.

Haywood, David M., (2LT) (M91) 228 Village Heights, Enterprise, AL 36330. Dy: (205) 255-3111. Res: (205) 393-5453. S: Tamara. Dy: E/1-4A5. Time: 150 Hrs.

Hazelwood, Donald A., (CPT) (M85) (Don) HHC, 11th Avn. Bde., Box 23, APO New York 09140. S: Jean. Dy: Asst Bde S-4. Rtg: AA. Qual: AH-1S UH-60A. Time: 600 Hrs.

Hein, Robert F., (CPT) (M91) (Bob) 116 Washington Ave., Enterprise, AL 36330. Dy: (205) 255-2500. Res: (205) 393-5310. S: Leah D., Dy: Asst. Sec. General Staff, HOS, Fort Rucker. Time: 675 Hrs./Cdt 49

Heine, Karl M., (CPT) (M81) 471 Theta Court, San Jose, CA 95123. Dy: (408) 289-3060. Res: (408) 972-2001. S: Barbara. Dy: DECAPRO, RMC Corp. Rtg: AA TP. Maint. Ctr: UH-1 UH-60. Qual: UH-60A. Time: 1,050 Hrs./Cdt 2 Hrs. AM/1.

Helkamp, Dean D., (1LT) (M90) (Dean) HHC 8-101st Aviation Regt, Fort Campbell, KY 42223-5000. Dy: (615) 796-2026. Res: (615) 648-1767. Dy: Adjutant (S-1). Rtg: AA TP. Maint. Ctr: UH-60. Qual: UH-60A. Time: 680 Hrs.

Helzlsouer, D. Mark, (CPT) (M88) 100A Lawton Road, Fort Huachuca, AZ 85613-1460. Res: (602) 458-3816. S: Molly. Dy: A Co, 309th MI Bn. Rtg: AA. Time: 1,225 Hrs.

Heiler, John J., (CPT) (M86) 19 Birchcrest Court, Durham, NC 27713. Res: (919) 419-0575. S: Tracy. Dy: Grad Student, Duke Univ. Rtg: AA. Qual: UH-60A. Time: 700 Hrs.

Hemminger, Earl E., (CPT) (M81) 7386 Stream Way, Springfield, VA 22152. Dy: (703) 864-4401. Res: (703) 866-0384. S: Donna. Dy: AO, RW-PAT, Davison Avn. Cmd. Rtg: AA. Qual: AH-1S.

Henny, Todd M., (2LT) (M90) 445 Wise Avenue, Red Lion, PA 17356-2507. S: Donna. Dy: Scout Plt Ldr, C Co, 1-2 Avn. Regt, Camp LaGuardia, APO SF. Time: 100 Hrs.

Hernandez, Jose D., (2LT) (M91) (Joe) P.O. Box 387, Fort Ord, CA 93941-0387. Dy: (408) 242-2733. Res: (408) 889-5630. S: Martha. Dy: Plt Ldr, Ask Plt, C/1-23. Qual: AH-1S. Time: 250 Hrs.

Hernold, Curtis L., (CPT) (M85) (Curt) 122 Pettaconsett Avenue, Warwick, RI 02888. Dy: (401) 434-2285. Res: (401) 781-7919. S: Katherine. Dy: Recruiting Co. Cdr. Providence Recruiting Co. Rtg: AA. Qual: AH-1S. Time: 850 Hrs. Past Sec. For Blis Chapter.

Hess, Robert T., (CPT) (M80) (Bob) 2073-8 Werner Park, Fort Campbell, KY 42223. Dy: (615) 796-4851. Res: (615) 431-9952. S: Laura. Dy: 5th Bn, 101 Avn. Bde. Rtg: SAA. Qual: UH-60A. Time: 1,300 Hrs./Cdt 110 Hrs. AM/1.

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Aviation Officer Directory

Higgs, Carl B., (1LT) (M88) 505 Briarwood, Apt. B-1, Enterprise, AL 36330. Dy: (205) 255-3344. Res: (205) 347-0634. S: Delia. Dy: E/1-13th, Fort Rucker, AL. Qual: AH-1S. Time: 307 Hrs.

Hill, Kevin M., (2LT) (M90) 37 Victor Lane, Poughkeepsie, NY 12601. Res: (909) 393-6123. Dy: 1-45th. Rtg: AA. Qual: UH-60A.

Hilton, Cary A. Jr., (CPT) (M84) 379 A Bergh Drive, Monterey, CA 93940. Res: (408) 655-2849. S: Lisa. Dy: Naval Post Graduate School, Rtg: AA IP. S: C. Mil. Qual: OH-47D. Time: 1,000 Hrs.

Hoff, Michael J., (CPT) (M87) (Mike) 6614 Morning View Court, Alexandria, VA 22310. Dy: (202) 274-5036. Res: (703) 339-1220. S: Lisa. Dy: Adjutant, USASAC-MC. Rtg: SAA. Qual: UH-60A. Time: 1,100 Hrs.

Huffman, Alice A., (CPT) (M89) 4025 Paddock Road, Apt. 101, Cincinnati, OH 45229. Rtg: AA. Qual: C-12, UH-1, U-21. Time: 1,800 Hrs.

Hufstrand, Damon K., (1LT) (M90) CMR 3, Box 7587, Fort Rucker, AL 36362. Res: (217) 345-7581. Dy: F Co, 1-13 Avn. (Mailing 2814 Kinwood, Charleston, IL 61920). Rtg: AA MTP. Qual: OH-58A/C. Time: 200 Hrs.

Helcomb, Larry A., (1LT) (M89) (Chief) 101 Twin Creek Drive, Apt. 1910, Killeen, TX 76543. Res: (617) 690-8843. Qual: AH-64A. Time: 310 Hrs./Cdt 20

Holmes, Arthur L., (2LT) (M90) (Artie) 103 Chickasaw Road, Enterprise, AL 36330. Dy: (205) 255-3311. S: Wanda A., Dy: Student, Attending Flight School, E-1/45th. S: C. Mil. Qual: UH-60A. Time: 125 Hrs.

Herman, Larry L., (2LT) (M90) 33 Galt Lane, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 598-5215. S: Krys. Dy: Right School Student, E-1-145 AVN.

Hepson, William T., (1LT) (M87) 8000 Waters Avenue, Apt. B2, Savannah, GA 31406. Dy: (912) 352-8824. Res: (912) 351-0756. Dy: HSC NO, 224th MI Bn (AE), HAAFP. Rtg: AA. Maint. Ctr: FW. Qual: RU-21H, OV-10. Time: 900 Hrs.

Howard, Randall K., (CPT) (M86) (Randy) 2704 Treasary, Carlisle, TN 37043. Dy: (502) 798-2596. Res: (615) 398-2152. S: Sherry. Dy: Ops Off, C/7-101 Avn. Rtg: AA. Qual: OH-47D. Time: 700 Hrs./Cdt 50 AM/2.

Howell, Ronnie W., (1LT) (M88) 505 Briarwood Dr., D-3, Enterprise, AL 36330. Dy: (205) 255-3344. Res: (205) 347-4804. Dy: D Co, 1-13 Avn. Rtg: AA. Time: 470 Hrs.

Hoyle, Steven S., (CPT) (M86) (Steve) 106 Blackhawk Drive, Enterprise, AL 36330. Dy: (205) 255-0729. Res: (205) 347-0623. S: Twila. Dy: P/OPS Off, B Co, 1-14 Avn. Rtg: AA IP. Qual: AH-1S, OH-58A/C. Time: 1,300 Hrs.

Hudkins, Randall P., (1LT) (M88) (Tex) 2605 Lake Road, Killeen, TX 76543. Dy: (617) 628-8033. Res: (617) 628-8033. Dy: Aeroscout Plt Ldr, B Tpt. 1-6 Cav. Rtg: AA. Time: 900 Hrs.

Hull, Hayward A., (CPT) (M82) 114 Park Avenue, Watertown, NY 13601-4016. Dy: (315) 772-5704. Res: (315) 788-4946. S: Eileen. Dy: A Co, 3-25 Assault Hqtr Bn, 10th Mtn Div (LI), Ft. Drum, NY. Rtg: AA. Qual: AH-1S. Time: 550 Hrs.

Huron, Gilbert G., (CPT) (M90) 1434-A Womer Park, Fort Campbell, KY 42223. Dy: (502) 796-6704. Res: (615) 431-4435. S: Marsha Ann. Dy: C Co, 5701st Avn. Regt. Rtg: AA. Qual: UH-60A.

Husemann, Wayne R., (CPT) (M82) HHC, 3-58th Aviation, Box 88, APO New York 09025-3109. Dy: 49-7901-5697/05. Res: 49-7907-1655. S: Kathy. Dy: S-1, Adjutant, Schwarzbach Hill, West Germany. Rtg: AA. Time: 800 Hrs.

Huss, Steven R., (1LT) (M80) High Desert Asst V. Memb., 2140 Cameron Court, Bartow, CA 92311. Dy: (619) 386-5423. Res: (619) 252-5289. S: Laura. Dy: 247th Med Det, Fort Irwin, CA. Rtg: AA. Qual: UH-60A. Time: 700 Hrs.

IIII-JJJJ

Ingalis, Stephen A., (CPT) (M83) (Steve) 3463 River Heights Cross, Marietta, GA 30067. Dy: (404) 894-3000. Res: (404) 956-9442. S: Cara. Dy: Graduate Student, Georgia Institute of Technology. Rtg: AA. Qual: AH-1S. Time: 600 Hrs.

Ingle, Timothy J., (2LT) (M91) 60 Grand Pine Avenue, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 393-5437. Dy: E Co, 1/45 AVN. Time: 370 Hrs.

Jacobs, Steven P., (1LT) (M88) (Steve) T Troop, 42 ACR, Box 10367, APO New York 09082. Dy: 49-9128-70625. S: Katherine. Dy: Avn Unit Maint CO, Revtav Army Arfield, Germany. Rtg: AA. Time: 600 Hrs./Cdt 10

Isaacson, Roy P., (CPT) (M87) (Roy) 91 Mass Drive, Fort Bragg, NC 28307. Dy: (919) 432-7771. S: Cynthia. Dy: Asst S-3, 282d Asst, 82nd Avn Div, Ft. Bragg. Rtg: AA. Qual: UH-60L. Time: 850 Hrs./Cdt 10

Isbell, Donald N., (CPT) (M86) (Don) 3023-B Madrin Place, West Point, NY 10996. Dy: (914) 398-3598. Res: (914) 446-5703. S: Emmy. Dy: Tactical Officer, West Point, NY 10996. Rtg: AA. Qual: AH-1S, AH-56D. Time: 1,050 Hrs. AM/1.

Isbell, Michael K., (CPT) (M90) (Izzy) 402 Morgan Lane, Enterprise, AL 36330. Dy: (205) 255-2612. Res: (205) 393-3821. S: Dawn. Dy: Avn Officer Adv Course, E Co, 1st Bn, 1st Avn Bde, Ft. Rucker, AL. Qual: AH-1S AH-64A. Time: 1,500 Hrs.

Iwinski, Lawrence M., (1LT) (M88) (Larry) 117 East Adams Avenue, Vandergrift, PA 15680. Dy: (919) 936-6101. Res: (919) 822-8863. Dy: Bde, 53 Av, 18th Avn Bde, Ft. Bragg, NC 28307. Rtg: AA. Time: 550 Hrs./Cdt 40 AM/1.

Jackson, Randy K., (CPT) (M87) B Co, 1st Battalion, 2nd Aviation Regiment, APO San Francisco 96342-0479. Dy: 730-4317. Res: 730-4875. Dy: Cdr, B Co, 1-2 Avn. Regt. Time: 800 Hrs.

Jackson, Robin L., (1LT) (M87) Box 83, AHC, Task Force 23, APO New York 09182. Res: (215) 922-5614. Dy: 4th Bde, 3rd, Giebelstadt, Germany. Rtg: AA. Maint. Ctr: UH-1, OH-58A. Time: 500 Hrs.

Jackson, William J., (CPT) (M83) (Jay) 3421-A Kanel Loop, Wahiawa, HI 96786. Dy: (808) 655-9159. Res: (808) 624-1275. S: Doris. Dy: AO, E Co, 214th Avn Regt (AVIM). Rtg: AA TP. Maint. Ctr: OH-58. Qual: AH-1S. Time: 990 Hrs. Life Member.

Jacobs, Steven A., (1LT) (M88) Monterey Bay Chap. Tmt., 219 Tunika Road, Fort Ord, CA 93941. Dy: (408) 242-6994. Res: (408) 899-0749. S: Michele. Dy: Shops Plt Ldr, E Co, 123rd Avn. Regt. Rtg: AA MTP. Time: 400 Hrs. Trea, Monterey Bay Chapter.

James, Gregory K., (1LT) (M89) (Ging) P. O., Fort Lewis, WA 98433. Dy: (206) 967-7136. Res: (503) 746-2189. Dy: 1-9th Cav. Time: 300 Hrs./Cdt 2

James, John E. Jr., (CPT) (M85) (Johnny) J 7719 Guillevine Court, Fayetteville, NC 28314. Dy: (919) 396-6064. Res: (919) 487-5120. S: Denise. Dy: UH-60 Maint Test Pilot, D Co, (AMC), 82nd Avn Bde. Rtg: AA TP. Maint Crs: UH-1, UH-60. Qual: UH-60A. Time: 900 Hrs./Cdt 25 Hrs. AM/1.

Janczak, Christopher, (CPT) (M86) (Zack) I Company, 3rd Aviation Regiment, APO New York 09182. S: Glenn. Dy: Supply Support Activity, OIC, Gabelstadt AAF, Germany. Rtg: AA MTP. Maint Crs: UH-1H UH-60. Qual: AH-1S. Time: 500 Hrs.

Jarrell, Paul A., (CPT) (M83) (Tiff) C Co, 5th Bn, 501st Avn, APO San Francisco 96307-0420. Dy: Commander, C Co, 5-501st Avn. Rtg: AA. Qual: AH-1S. Time: 600 Hrs.

Jennings, James, (CPT) (M83) (Jay) A Company, 2nd Battalion, 2 Aviation Regiment, APO San Francisco 96324. S: Lou Anne. Dy: A Co, Camp Stanley, Korea. Rtg: AA. Qual: UH-60A. Time: 1,100 Hrs.

Jensen, Garrett P., (CPT) (M89) T-34 Chapter VP Memb., A TP, 216 Cav, Box D-34, Fort Campbell, KY 09140. Dy: A4H64 Pilot. Qual: AH-1S AH-64A. Time: 1,000 Hrs./Cdt 6.

Jungman, David G., (1LT) (M88) 3805 Daniels Drive, Killeen, TX 76543. Dy: (817) 287-9914. Res: (817) 680-8702. S: Brenda. Dy: A4H64 Plt Ldr, R. Hood, TX. Rtg: AA. Time: 400 Hrs.

Johns, Steven A., (CPT) (M89) 224th MI (AEB), Hunter AAF, GA 31409.

Johnson, Dale N., (CPT) (M88) Hqs, 4/7 Cavalry, APO New York 09076. Dy: 321-806-4775. 05042-7064. Dy: Sqn Adjutant, Budingen AAF. Rtg: AA. Time: 650 Hrs.

Johnson, Eric S., (CPT) (M89) O Troop, 4/11 ACR, Box 358, APO New York 09146. S: Sandra. Dy: Tip Cdr, Fulda, Germany. Time: 1,100 Hrs./Cdt 182.

Johnson, Frances V., (1LT) (M88) (Fran) 61 Wood Duck Road, Hilton Head, SC 29928. Dy: (205) 588-2724. Res: (205) 588-6404. Dy: Aviator. Qual: CH-47D. Time: 380 Hrs.

Johnson, Robert L., Jr., (CPT) (M85) (Bob) 1802 Hooper St., Killeen, TX 76543. Dy: (817) 257-7116. Res: (817) 690-4401. Dy: Aide de Camp, 21 Corps. Rtg: AA. Qual: AH-1S AH-64A. Time: 1,500 Hrs.

Johnson, Todd G., (2LT) (M80) (T.J.) 16 Galt Lane, Fort Rucker, AL 36362. Res: (205) 588-2630. S: Christine.

Johnston, David M., (1LT) (M80) 6306 Claussen Court S.W., Olympia, WA 98502. Res: (205) 588-5757. Dy: C Co, 1228th. Qual: CH-47D.

Jones, Jay R., (CPT) (M85) 1337A Werner Park, Fort Campbell, KY 42223. Dy: (502) 798-9681. S: Lan. Dy: Cdr, HHC 2160th SOAR(A). Rtg: SAA. Qual: CH-47D. Time: 1,200 Hrs.

Jones, Kenneth S., (CPT) (M84) (Ken) 29 Midway Lane, Easton, NJ 07724-3244. Dy: (908) 544-3003. Res: (908) 389-3163. S: Julie. Dy: AVIADA, Ft. Monmouth, N.J. Rtg: SAA. Maint Crs: AH-1S, AH-64A. Qual: AH-1S, AH-64A. UH-60A. Time: 3,600 Hrs.

Jones, Monroe C., (1LT) (M91) (Marty) 41 E. Harris Drive, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 588-9190. S: Leslie. Dy: Aviation Officer, E Co 1-145 AWN REGT.

Jones, Ronald D., (1LT) (M89) (Ron) 411 Christopher Drive, Clarksville, TN 37042. Dy: (502) 798-7045. Res: (615) 645-4463. Dy: 3-101 Avn Regt, Fort Campbell, KY. Time: 600 Hrs./Cdt 8.

Jones, Ryan S., (2LT) (M80) 111 Lightfoot Drive, Enterprise, AL 36330. Res: (205) 393-2603. Dy: Avn School Student.

K Aviation Officer Directory

Jones, William R., (CPT) (M84) (Bill) HHC, 3-3 Aviation Regiment, APO New York 09182. Dy: 352-7563. Res: 49-9337-712. Dy: Asst S-3, 3-3 Avn Regt, 3rd Gabelstadt AAF. Rtg: SAA. Time: 1,050 Hrs. Life Member.

Joslin, Christopher, (CPT) (M91) (Chris) 507 Briarwood, Cdr, 14A, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 347-3604. Rtg: AA. Qual: OH-58D. Time: 700 Hrs.

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Kammen, David J., (1LT) (M89) 150 Tide Avenue, Monterey, CA 93940. Dy: (408) 242-2733. Res: (408) 649-0526. Dy: C123 Avn, Ft. Ord, CA.

Keenan, Kevin B., (CPT) (M89) HHC 3-4 Aviation Regiment, APO New York 09185-5000. Dy: 34-3809. Res: 06136-42437. Dy: Cdr, 4th Avn Regt, 4th Army Airfield. Rtg: SAA TP. Maint Crs: UH-60. Qual: AH-1S. Time: 1,650 Hrs.

Keifer, Paul F., (CPT) (M87) P.O. Box 620348, Fort Rucker, AL 36362. Dy: (205) 255-4433. Res: (205) 347-2776. S: Miami. Dy: AVIAC Student, F Co, 1713 Av. R. Rucker, AL. Rtg: AA. Maint Crs: UH-1. Time: 400 Hrs.

Kelly, George G., (CPT) (M84) G Company, 3rd Aviation Bn, APO New York 09182. S: Shelle. Dy: C Co. Rtg: SAA. Qual: OH-58D. Time: 1,450 Hrs.

Kelly, Kevin W., (CPT) (M89) Fort Bliss Chap VP Renew, 362 Ashburn Street, Fort Bliss, TX 79906. Dy: (915) 568-8722. Res: (915) 564-3527. S: Fayette. Dy: Cdr, N Trp, 4th Sqn, 3rd Avn, Ft. Bliss, TX. Rtg: SAA. Qual: AH-1S. Time: 2,200 Hrs./Cdt 65.

Kelly, William J., (1LT) (M88) (Bill) 1516 Cedar Oaks Lane, Harrier Heights, TX 76543-6006. Dy: (817) 287-7094. Res: (817) 686-6353. S: Holly. Dy: A4H64 Platoon Leader, A Trp, 416 Cav. Rtg: AA. Qual: AH-64. Time: 500 Hrs.

Kendall, John F., (CPT) (M83) (Jack) 4222 2nd Avenue East, Northport, AL 35476. Dy: (205) 348-1059. Res: (205) 381-9686. S: Susan. Dy: Asst PMS, U of AL, Dept of Mil Science, Tuscaloosa, AL. Rtg: SAA. Qual: UH-60A. Time: 1,500 Hrs.

Kendrick, Newton P., (CPT) (M85) 4th Squadron, 2d ACR, Box 10489, APO New York 09092. Dy: ETS 461-4825. (C) 01928-70825. Res: 01928-5663. Dy: Cdr, Normal Trp, 4th Sqn, 2d Avn Regt. Rtg: SAA. Qual: AH-1S. Time: 1,750 Hrs./Cdt 65.

Kennas, Robert W., (CPT) (M87) (Bob) 96-17728 Kaoharua Street, Pearl City, HI 96782. Dy: (808) 656-9943. Res: (808) 456-2511. Dy: S-3, 1/25 Avn Regt (A9). Rtg: AA. Qual: AH-1S, UH-1, OH-58. Time: 1,500 Hrs.

Kennedy, Matthew J., (2LT) (M89) (Matt) 100 A.M. Windham Drive, Apt. 701, Daleville, AL 36322-2052. Dy: (205) 255-3311. Res: (205) 588-9227. S: Kent. Dy: E1-145th Avn Regt, Fort Rucker, AL.

Kenney, Christopher, (1LT) (M89) 505 Briarwood, Cdr, 14A, Enterprise, AL 36330. Res: (205) 347-0711. Dy: Advance Course, R. Rucker, AL 36362. Rtg: AA. Qual: CH-47D. Time: 308 Hrs.

Keogh, Michael H., (CPT) (M87) 168 Kirby Drive, Clarksville, TN 37042. Res: (615) 648-9544. S: Kelly. Dy: Ft. Pitt Ldr, D Co, 1-160 SOAR, R. Campbell, KY. Rtg: AA. Qual: UH-60A. Time: 1,900 Hrs./Cdt

60 Hrs. AM/1.

Keohane, Cornelius J., (CPT) (M89) (Ned) HHC, 11th Aviation Bde., APO New York 09140. S: Margaret. Dy: Asst S-4, Ilesheim, FRG. Rtg: AA. Qual: AH-64A. Time: 550 Hrs./Cdt 35.

Kepler, Kevin M., (CPT) (M90) RR 1, Box 1708, Lewistown, MI 48847-8720. S: Mary. Dy: Fort Rucker, AL. Rtg: SAA. Qual: AH-1S. Time: 1,150 Hrs. AM/1.

Kibara, Steven W., (CPT) (M89) 18 Olson Drive, Fort Rucker, AL 36362. Dy: (205) 255-3223. Res: (205) 588-6507. Dy: OH-58 P, E Co, 1/14th. Rtg: AA. Qual: OH-58. Time: 2,000 Hrs.

Kilroy, Patrick J., (CPT) (M91) (P.J.) 222 Candlebrook Drive, Enterprise, AL 36330. Dy: (205) 255-3351. Res: (205) 393-1355. S: Monique. Dy: E1-145th Avn.

King, Richard D., (CPT) (M91) (Rich) 828 Ringold Street, Wahiawa, HI 96786. Dy: (808) 656-2176. Res: (808) 624-9503. S: Jeanie. Dy: HHC Aviation Bde, Chaplain, Schofield Barracks, HI.

Kistler, Joseph G., (CPT) (M91) 112 Crestview Drive, Enterprise, AL 36330. Dy: (205) 255-4719. Res: (205) 347-1198. S: Adam. Dy: C Co, Cdr, A Co, MPA, R. Rucker, AL.

Kischa, David J., (CPT) (M80) (Dave) HHC, 1-2 Aviation Regt., APO San Francisco 96324-0250. S: Sun. Dy: HHC Commander, Korea. Qual: AH-1S.

Klackson, Merri S., (CPT) (M86) 9800 Highway 93 N, Missoula, MT 59802. S: Brenda. Rtg: AA. Qual: UH-60A. Time: 650 Hrs.

Klimkowski, Sarah P., (2LT) (M90) 57 East Har-
riss, Fort Rucker, AL 36362-2307. Dy: (205) 255-2313. Res: (205) 588-9114. S: Joseph R. Dy: D1-145th, (May 1 Assigned to 17 Avn Konst). Qual: UH-60A. Time: 180 Hrs.

Knappe, Michael S., (CPT) (M89) 935 Taylor Street, State College, PA 16801. Dy: (814) 863-4919. Res: (814) 237-2879. Dy: Graduate School, Penn State Univ., State College, PA 16803. Rtg: AA. Qual: OH-58D. Time: 2,000 Hrs.

Knappe, Patrick F., (CPT) (M89) C Company, 2-2 Aviation Regiment, APO San Francisco 96324. Dy: Camp Stanley, OH-58D Plt Ldr. Rtg: AA. Time: 325.

Knauf, William K., (1LT) (M87) (Kyle) 946 Tamarack Drive, Apt. 13102, Fayetteville, NC 28311. Dy: (919) 432-2960. Res: (919) 822-2055. Dy: Plt Ldr, D Trp, 1-17 Cav, 82nd Airborne Div, Ft. Bragg, Rg. AA. Time: 650 Hrs./Cdt 100.

Knippl, Michael J., (CPT) (M82) (Mike) HHC 80(M), APO New York 09111. Res: 06131-477-808. S: Laurie Ann. Dy: G3 (AIR), Bad Kreuznach, GE. Rtg: AA. Time: 870 Hrs.

Koh, William J., (CPT) (M82) (Bill) 4752 Princeton Drive, Fairbanks, AK 99709. Dy: (907) 353-7301. Res: (907) 474-8509. S: Jenny. Dy: Division Aircraft Maintenance Officer, Ft. Wainwright, AK 99703. Rtg: AA TP. Maint Crs: UH-1. Qual: AH-1S. Time: 650 Hrs.

Korbenbrock, Jeffrey C., (1LT) (M88) R Troop, 42 ACR, Box 327, APO New York 09082-0216. S: Suzanne. Dy: Attack Helicopter Plt Ldr. Rtg: AA. Qual: AH-1F. Time: 600 Hrs./Cdt 36.

Kouchera, Richard J., (CPT) (M90) (Rich) HHC 4/58th Aviation Regt., APO San Francisco 96301-0049. Dy: (RDK) 724-7750. Res: (RDK) 738-4784. Dy: Bn S-4, Camp Cozier, Korea. Rtg: AA. Time: 600 Hrs.

Kovalenko, Nicholas V., (CPT) (M84) (Nik) 3433, 108th St. S.W., Everett, WA 98204-1308. Dy: (206) 743-1474. Res: (206) 745-0891. Sig: AA. Time: 1,000 Hrs.

Kreipe, Stephen G., (CPT) (M86) (Steve) HHC 3rd ID, APO New York 09036. Sig: Ramona. Dy: ASGS, Lighten Brks, Wuerzburg, FRG. Qual: AH-1S. Time: 655 Hrs.

Kress, Judith R., (1LT) (M88) (Judy) Deer Run Estates, Rtd 2, Lot 78, Daleville, AL 36322. Dy: (205) 255-3344. Res: (205) 299-3039. Dy: Reports to Germany 65091. Rtg: AA. Qual: CH-47D. Time: 450 Hrs.

Kreuscher, Richard F., (2LT) (M90) (Rich) CMR 2, Box 13561, Fort Rucker, AL 36362. Dy: (205) 255-3037. Res: (713) 292-2917. Dy: E-1-145th, Ft. Rucker, AL.

Krieger, David D., (CPT) (M88) (Dad) 204 East Silver Oak Dr., Enterprise, AL 36330. Dy: (205) 255-7449. Res: (205) 347-5322. Sig: Un Hui. Dy: Ft. Rucker, U.S. Army School of Avn Medicine. Rtg: AA.

Krull, Kevin J., (1LT) (M90) 198-B Hillcrest, De Ridder, LA 70534. Dy: (318) 531-1865. Res: (318) 482-0826. Sig: Orleans. Dy: Ft. Ldr, D5th Avn Regt. Rtg: AA. Time: 400 Hrs.

Kuch, Shamm L., (CPT) (M86) (Shamm) 156 Jack Miller Boulevard, Apt. 22, Oakville, TN 37042. Res: (615) 431-4854. Dy: Maint Plt Ldr, D Co/1-160th SOAR. Rtg: AA TP. Maint Ccs: AH-1 UH-60. Qual: AH-1S UH-60A. Time: 1,000 Hrs.

Kumar, Sanjay, (CPT) (M85) (Aloha) Chapter Treasurer, 88-17222 Kahuamau Street, Pearl City, HI 96782. Dy: (808) 655-8887. Res: (808) 455-3100. Sig: Debi. Dy: Asst. Div. Avn Officer, 25th ID, AA. Maint Ccs: UH-1 OH-58. Time: 1,000.

Kuslik, Larry D., (CPT) (M86) (Larry) Aviation Center Apt. 719, Daleville, AL 36322. Dy: (205) 255-4239. Res: (205) 598-4013. Dy: Cdr. Cdr. 1-14th, ATB. Rtg: SAA IP. Qual: AH-1F, OH-58D. Time: 1,800 Hrs.

Kuvinski, Jeannie M., (2LT) (M91) (Cayor) Apts. # 332-B, Route 3, Menawatha Road, Enterprise, AL 36330. Res: (205) 347-3063. Dy: E-1-145th. Qual: UH-60A. Time: 180 Hrs.



Lablance, George T., (CPT) (M87) (Thrice) 204 Milestone Circle, Clarksville, TN 37042. Dy: (602) 798-4787. Res: (615) 647-3415. Dy: Asst S-3, HHC 4-101st Avn Regt, Ft. Campbell, AR. Qual: UH-60A. Time: 600 Hrs./Cdt 15

Ladd, Keith D., (1LT) (M90) (O) Troop, 4/2 ACR, Box 139, APO New York 09092. Dy: 4614-641. Res: 0911-612158. Sig: Claudia. Dy: Numburg, Germany. Time: 700 Hrs./Cdt 50 AM/1.

Lane, Jeffrey D., (CPT) (M82) (Jeff) 5341 Satterfield Drive, Woodbridge, VA 22193-3444. Dy: (703) 664-1013. Dy: S-4 Officer, Davison Avn Cnd, Ft. Belvoir, VA. Rtg: SAA TP. Maint Ccs: UH-60A. Qual: UH-60A. Time: 1,215 Hrs.

Lang, Gregory T., (2LT) (M90) (Greg) 13 Anthony Circle, Enterprise, AL 36330. Dy: (205) 347-6213. Sig: Colleen. Dy: Right School, E/145 USAWNC, Ft. Rucker, AL.

Lankowicz, Andrew J., (CPT) (M89) 377th Medical Co (AIA), Box 223, APO San Francisco 96301-0021. Dy: 011-834-240-6470. Res: 011-822-799-3218. Sig: Arila. Dy: Section Ldr. Rtg: AA. Qual: UH-60A. Time: 500 Hrs.

Laporte, Roy C., (CPT) (M82) 108 Colony Drive, No. 4, Enterprise, AL 36330. Dy: (205) 255-6462.

M Aviation Officer Directory

Res: (205) 383-4606. Dy: 1st Chief Sch/AR, DOD. Ft. Rucker, AL. Rtg: AA. Qual: AH-1S. Time: 758 Hrs.

Larabee, Mark E., (CPT) (M74) 271 Castlekeep Court, Newport News, VA 23602. Dy: (804) 878-2027. Res: (804) 877-7863. Sig: Karen. Dy: Cdr. D Co, 1222 Aviation Regt, Ft. Eustis, VA. Rtg: MA TP. Maint Ccs: CH-47. Time: 2,200 Hrs.

Larsen, James E., (CPT) (M89) (Jay) 1706 Wickfield Way, Killeen, TX 76543-2704. Dy: (817) 287-9931. Res: (817) 690-6284. Dy: S2, Intelligence Officer, HHT, 1-6 Cav, 8th Cav Bde (AC). Time: 650 Hrs.

Larson, Ronik W., (1LT) (M88) C Troop, 3-7 Cavalry Squadron, APO New York 09028. Dy: ETS 382-5215. Res: 0621-734357. Dy: Aerosoc Plt Ldr, Mannheim, Germany. Rtg: AA. Time: 930 Hrs.

Lasfiter, Donald E., (CPT) (M87) (Don) 416 Lakeshore Road, Enterprise, AL 36330-1439. Sig: Patricia. Dy: HHC, 5-501st Avn Regt, APO San Francisco, 96397. Rtg: SAA. Qual: AH-1S. Time: 1,575 Hrs.

Latham, William C., (CPT) (M89) (Bill) 30 Nymegen Street, Fort Bragg, NC 28307-1814. Dy: (919) 396-6101. Sig: Cindy. Dy: 2-159 Avn, Fort Bragg, NC. Qual: CH-47D. Time: 950 Hrs.

Lauser, James J., (CPT) (M84) (P.O.) Box 3501, APO New York 09123. Dy: ETS 452-6206. Sig: Lynn. Dy: Ground Liaison Officer, S2 TRW, Spangdahm AB, GE. Rtg: AA. Qual: UH-60A. Time: 960 Hrs.

La, Thomas J., (1LT) (M88) (Jeff) HHT, 4/2 ACR, Box 389, APO New York 09092-0216. Dy: ETS 461-4882. Res: 0911-636884. Sig: Anne Marie. Dy: Sdn S-2. Rtg: AA. Qual: EH-60A, UH-60A. Time: 550 Hrs./Cdt 60

Layton, Daniel J., (CPT) (M87) (Dan) HSG, OPSFG CMTC, Box 362, APO New York 09123. Dy: ETS 466-2352. Res: 09188-3344. Sig: Lois. Dy: Observer Controller, Rtg: SAA. Qual: AH-1S. Time: 1,100 Hrs.

Leifer, Kevin D., (CPT) (M86) 802 Whittle Hudson Road, Ozark, AL 36360. Res: (205) 774-3840. Sig: Susan. Dy: E6, Ft. Rucker. Rtg: AA. Time: 1,100 Hrs./Cdt 25 Hrs. AM/1.

Leink, John A., (CPT) (M84) 807 Walker Road, Ozark, AL 36360. Dy: (205) 255-4951. Res: (205) 774-3419. Sig: Jean. Rtg: AA. Qual: AH-1F, AH-10, AH-1S, AH-64A, UH-58C, UH-1H. Time: 950 Hrs. AM/1.

Lent, David H., (CPT) (M85) (Hawk 01) 3806 Male Circle, Sarasota, FL 34233. Dy: (813) 536-2832. Res: (813) 924-3806. Sig: Paula. Dy: Chief, Mohawk Trng Branch, Spec Electronic Mission Act Instr Div. Rtg: AA. Qual: OV-10. Time: 1,900 Hrs.

Limoge, Jerome P., (CPT) (M91) (Jerry) 2938 B Summerland Circle, Fort Eustis, VA 23604. Dy: (804) 878-2666. Res: (804) 888-0235. Sig: Deborah. Dy: C. Urology Service. Time: 5,600 Hrs.

Lincoln, Robert W., (1LT) (M88) 227 Ardennes Circle, Fort Ord, CA 93941. Dy: (408) 242-4923. Res: (408) 899-9274. Sig: Diane. Dy: A Co, 3-123 Avn. Rtg: AA. Qual: UH-60A. Time: 650 Hrs./Cdt 110

Lindale, Edward A., (CPT) (M85) (Ed) 78th Avn Bn, (Prov), APO San Francisco 96343. Sig: Jayne. Dy: Company Commander, Camp Zama, Japan. Time: 2,300 Hrs.

Lisnowicz, Michael V., (CPT) (M82) 1502 West

3rd Street, Lawrence, KS 66044. Res: (913) 841-8866. Sig: Natalie. Dy: U.S. Army Detachment, Fort Ben Harrison, IN. Rtg: SAA IP. Qual: UH-60A. Time: 1,300 Hrs.

Loeffler, Andrew T., (CPT) (M88) (Andy) 310 Mary's Oak Drive, Clarksville, TN 37042. Res: (615) 645-2537. Sig: Debbie. Dy: Asst Ops Off, 160 SOAR, Fort Campbell, KY. Rtg: SAA.

Logel, Jon Scott, (2LT) (M91) (Jon) 104 Weeks Drive, Apt. 9, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 347-9860. Dy: Fort Rucker, AL. Time: 80 Hrs.

Long, David J., (2LT) (M90) CMR 2, Box 13282, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 598-5418. Dy: E-1-145th, Fort Rucker, AL. Qual: UH-60A. Time: 200 Hrs.

Long, Joanne L., (CPT) (M91) (Joan) MOTBY, Liberty Lodge 103, Bayonne, NJ 07002. Dy: (201) 823-6889. Res: (201) 823-8700. Dy: Traffic Management Officer (MIMC-Eastern Area).

Long, Robert E., (CPT) (M89) (Bob) 1206 Anshurst way, Apt. F, Belmont, MD 21017. Dy: (301) 278-3074. Res: (301) 273-6724. Dy: Operations Officer, Phillips AAF, APG, MD. Rtg: AA. Qual: AH-1S. Time: 615 Hrs. Life Member.

Lupolin, Vincent K., (CPT) (M85) (Vince) 2 Pinon Pine Ct, St. Peters, MO 63376-4605. Dy: (314) 263-2978. Res: (314) 928-5314. Sig: Donna. Dy: U.S. Army Aviation Systems Command, St. Louis, MO. Rtg: AA TP. Maint Ccs: UH-60. Qual: UH-60A. Time: 1,100 Hrs. Life Member.

Ludowese, James P., (CPT) (M81) (Jim) P.O. Box 620033, Fort Rucker, AL 36362. Dy: (205) 255-5171. Sig: Jill. Dy: Asst Mgr-Personnel, TSM-ATAWS, Ft. Rucker, AL. Rtg: SAA SP. Maint Ccs: AH-1 UH-1. Qual: AH-1S. Time: 1,600 Hrs.

Luebke, Eric C., (1LT) (M89) (Rick) C Company, 2-227th AHB, APO New York 09165-5000. Dy: Scout Plt Ldr, Hanau Germany. Time: 550 Hrs./Cdt 50

Luke, Kirby E., (CPT) (M87) (Kirby) North Country VP Merri, Cherry Wood Lane, Apt. 90, Rome, NY 13440. Dy: (315) 330-4867. Res: (315) 339-2835. Sig: Nam Hee. Dy: Battalion SA, Griffis Air Force Base, NY 13441. Time: 900 Hrs. Vp, North Country Chapter.

Lund, Gregory J., (CPT) (M87) 3/227th Aviation Regiment, 3rd Ad, APO New York 09165-5000. Dy: 045-6183-51423. Res: 049-6055-4229. Dy: Company Commander, Ringhorst Kaserne. Rtg: AA. Qual: AH-64A. Time: 1,100 Hrs./Cdt 40 Hrs. AM/1.

Lunn, Robert H., (CPT) (M85) (Chip) HHT, 2/5 Cavalry Sdn, APO New York 09140. Dy: 09841-83-621. Res: 09841-8364. Sig: Angie. Dy: Cdr. OMAH, West Germany. Qual: UH-60A. Time: 950 Hrs./Cdt 110 Hrs. AM/1.

Lutz, James E., (1LT) (M87) (Jimmy) B Co, 3-4 Aviation, APO New York 09185. Sig: Colleen. Dy: Aerosoc Platoon Leader. Time: 670 Hrs.

Lyle, Cyndie S., (2LT) (M91) HHC 2-501st Aviation, P.O. Box 199, APO San Francisco 96371-0124. Sig: Douglas M. Dy: Bn. Chemical Officer, KOREA.

Lytle, Michael T., (CPT) (M88) (Mike) 407 Sheridan Place, Stillacom, VA 96388-3034. Dy: (808) 967-2548. Dy: HHC Cdr, 2/9 Avn Regt. Rtg: AA. Qual: UH-60A. Time: 600 Hrs.



Mabel, Scott E., (2LT) (M91) 104-9 Weeks Drive, Enterprise, AL 36330. Res: (205) 347-9860. Dy: Flight Student, Ft. Rucker, AL. Time: 85 Hrs.

Macchiarola, Nicholas, (CPT) (M85) (Dan) 14701 Colton Blvd, Savannah, GA 31419. Dy: (912) 352-6217. Res: (912) 920-3555. S. Sue. Dy: S-1 1-24 Avn, Hunter Army Airfield. Rtg: AA. Qual: AH-1S AH-64A. Time: 1,800 Hrs. Past Sec. Wings Of The Theme Chapter.

MacFarland, Chris J., (CPT) (M85) (Mac) B Troop, 65 Cavalry, 11th Aviation, Box 469, APO New York 09140-5000. Res: 011-49-9841-82000. S. Elizabeth. Dy: Cdr. B Troop, Resheim, Germany. Qual: AH-64A. Time: 700 Hrs.

MacKenzie, David A., (CPT) (M84) (Dave) B Company, 6158th Aviation Regiment, APO New York 09185. S. Marie. Rtg: AA TP. Maint Cn: UH-1 AH-1 UH-60. Ssl Cn: Mil. Qual: AH-1S CH-47. Time: 1,400 Hrs./Cdt 25 Hrs.

MacKenzie, Marie H., (CPT) (M89) A Company, 5158th Avn, APO New York 09039. Dy: 328-8120. S. David. Dy: Company Commander, Frankfurt, WG. Rtg: AA. Qual: CH-47D. Time: 600 Hrs.

MacMillan, Donald M., (CPT) (M84) (Sip) HST 56 Cavalry Regiment, APO New York 09457. S. Sheryl. Dy: S-3. Wiesbaden, FRG. Rtg: AA. Qual: AH-1S, AH-64A, UH-60A. Time: 1,480 Hrs.

Madden, Michael A.G., (1LT) (M89) Old Town Square Apt. 503, Dalmia, IL 36322. Dy: (205) 255-3344. Res: (205) 598-4837. Dy: F-113th. Rtg: AA. Maint Cn: UH-1. Time: 375 Hrs.

Maddox, Beth Ann, (CPT) (M82) P.O. Box 230, West Point, NY 10996. Dy: (914) 938-2427. Res: (914) 446-5407. S. Jerry. Dy: Tactical Officer, US Military Academy, West Point, NY. Rtg: AA TP. Maint Cn: UH-1. Time: 725 Hrs.

Magerkurh, Brian W., (CPT) (M86) (B) Black Knights Chap VP Mem, 520-A South Moore Loop, West Point, NY 10996. Dy: (914) 938-3037. Res: (914) 446-3779. S. Valerie. Dy: USMA Instr/Phys Edr, USMA, West Point, NY. Rtg: AA. Qual: CH-47. Time: 700 Hrs. VP, Black Knights Chapter.

Magness, John M., (CPT) (M87) (Mag) O Troop, 42d ACR, Box 10164, APO New York 09092-0216. Dy: 09128-7023. Res: 09122-5141. S. Angela. Dy: 42d ACR, O Tip Cdr, Nurnberg, W. Germany. Rtg: AA. Qual: AH-1S. Time: 1,050 Hrs./Cdt 70 Hrs. AMV. Past Time, Redcatcher Chapter.

Mahberger, Robert M., (CPT) (M83) (Bob) 2653 Highway 48, Clarksville, TN 37040-7321. Dy: (615) 798-3311. Res: (615) 562-4477. Dy: Co. Cdr, O Co, 3101st Avn Regt., Ft. Campbell, KY. Rtg: SAA TP. Maint Cn: UH-60. Qual: AH-1S UH-60A. Time: 1,100 Hrs./Cdt 10

Major, Richard K., (CPT) (M85) (Keith) 705 South Oaks, Enterprise, AL 36330. Dy: (205) 255-5063. Res: (205) 598-1804. S. Elise. Dy: System Mgr, OH-580/Amst-1-10th (DOUT). Rtg: AA. Qual: AH-1S. Time: 1,000 Hrs.

Mangers, Daniel J., (CPT) (M85) 104 E. Sagoebush Lane, Savannah, GA 31419. Res: (912) 927-2317. S. Miriam. Dy: Asst S-3, 3190th SDAF (A), Hunter Army Airfield, GA. Rtg: AA TP. Maint Cn: UH-1. Qual: UH-60A. Time: 700 Hrs.

Mangum, Kevin W., (CPT) (M83) 9419 Caen, San Antonio, TX. Dy: (512) 925-1972. Res: (512) 647-3071. S. Angel. Dy: Joint Electronic Warfare Ctr. Rtg: AA. Qual: UH-60A. Time: 1,500 Hrs.

Mann, Michael F., (1LT) (M91) 308 E. Emerald Drive, Enterprise, AL 36330. Res: (205) 347-3348. Dy: ERW Flight School, Ft. Rucker, AL 36360.

Maples, David L., (CPT) (M87) 1401 Sanders Street, Leavenworth, KS 66048. S. Jeanne. Rtg: AA.

Marbach, Deborah A., (CPT) (M87) (Debbie) 305 Judy Lane, Apt. 186, Copperas Cove, TX 76522.

Aviation Officer Directory

Dy: (817) 287-4935. Res: (817) 547-2835. S. Greg. Dy: Ops Off, 02227 Avn Regt, AB, 10D, Ft. Hood, TX. Rtg: AA. Maint Cn: UH-1 UH-60 EH-60. Qual: UH-60A. Time: 700 Hrs./Cdt 5 Hrs. AMV.

Martini, Joseph T., (1LT) (M89) 784-11 Ringold Street, Wahiawa, HI 96786. Dy: (808) 656-1217. Res: (808) 624-5053. Dy: AVUM Platoon Leader, O Co, 425th Avn Regt, Schofield Barracks, HI. Rtg: AA. Time: 170 Hrs.

Martin, Michael K., (CPT) (M91) (Mike) HHC, 4th Battalion, 501st Aviation, APO San Francisco 96208-0250. S. Linda. Qual: AH-1S. Time: 500 Hrs.

Mason, Reginald P., (CPT) (M87) (Reggie) 200 Hibiscus Street, Apt. 1, Honolulu, HI 96818. Dy: (808) 655-0009. S. Sandra. Dy: Co Cdr, HHC, Avn Bde, Schofield Bks. Rtg: AA. Maint Cn: AH-1 OH-58. Qual: AH-1S. Time: 625 Hrs.

Mathews, Joane K., (CPT) (M90) 100 Sharon Court, Ozark, AL 36360. Dy: (205) 255-2988. Res: (205) 774-0187. S. Charles. Dy: D-113th. Rtg: AA TP. Maint Cn: UH-60. Qual: CH-47D. Time: 2,000 Hrs.

Matthew, Joseph C., (2LT) (M91) (G) Joe) CMR 2, Box 12902, Fort Rucker, AL 36362. Res: (205) 598-4172.

Matthe, Matthew E., (1LT) (M91) (Madman) 201 Olive Drive, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 347-1512. Dy: Right Student, Ft. Rucker, AL. Time: 82 Hrs.

Mausser, David P., (2LT) (M90) CMR 2, Box 13351, Fort Rucker, AL 36362. Res: (205) 598-1197. Dy: Student Pilot, Ft. Rucker. Time: 120 Hrs.

Mayes, Gordon D., (2LT) (M82) (Gordie) 119 Madstone Road, Irmo, SC 29063. S. Teresa. Dy: Maint Officer, 4th Pl, 48th Med Co, Ft. Jackson, SC. Rtg: AAP TP. Maint Cn: UH-1, OH-58A/C. Time: 300 Hrs./Cdt 150

McAnn, Mark D., (2LT) (M91) HHO 5158th Aviation, APO New York 09039. Dy: Frankfurt, Germany.

McClellan, Scott B., (CPT) (M89) 210 Tomahawk Drive, Harter Heights, TX 76543. Dy: (737) 287-2856. Res: (817) 690-7733. S. Sandy. Dy: Trip Cdr, A Troop 3-6 Cav, 608ACV. Rtg: AA. Qual: AH-64A. Time: 625 Hrs.

McClellan, Thomas L., (CPT) (M88) (Tom) B Co, 8-158th Aviation, APO New York 09165. S. Shelly A. Dy: Production Control Officer, Rtg: AA TP. Maint Cn: OH-58. Qual: AH-1S. Time: 900 Hrs.

McClung, Joseph J., (CPT) (M85) D Co, 4-501st Aviation, Camp Page, Korea, APO San Francisco 96208. Dy: 0361-59-0500. Res: (513) 923-3189. Dy: CDR, Rtg: AA TP. Maint Cn: OH-58. Qual: AH-1S. Time: 800 Hrs.

McConnell, G. Scott, (CPT) (M85) (Scott) HHC 4th Brigade, Box 3043, APO New York 09250. S. Kathryn. Dy: Asst Bde S-3. Rtg: AA. Qual: AH-1F, AH-1S, AH-64A. Time: 1,010 Hrs./Cdt 40 AMV.

Mc Cormick, Thomas, (1LT) (M89) 410 Stacy Weaver, Fayetteville, NC 28311. Dy: (919) 396-5225. Res: (919) 488-0189. Dy: A Co, 2-158th Avn Regt, Fort Bragg, NC. Rtg: AA. Qual: CH-47D. Time: 600 Hrs./Cdt 35 Hrs. AMV.

McFarland, David, (CPT) (M85) 1707 Wittenberg Drive, Loveland, OH 45140-2035. Dy: (513) 745-1086. Res: (513) 677-9991. S. Colleen. Dy: Asst Prof of Military Science, Xavier U, Cincinnati, OH.

Rtg: AA. Time: 675 Hrs.

McFetridge, Jeffrey A., (CPT) (M85) (Mac) 406 Iniquis Street, Enterprise, AL 36330. Dy: (205) 255-3223. Res: (205) 393-1859. S. Diana. Dy: P-1 Avn, E Co, 1-14, Fort Rucker, AL. Rtg: AA TP. Time: 1,500 Hrs.

McGuinn, Michael E., (CPT) (M81) 6769 St. Julian Way, Fayetteville, NC 28314. Dy: (919) 396-6776. Res: (919) 487-0457. Dy: Cdr, D Co, 1-82 Avn, Ft. Bragg, NC. Rtg: AA TP. Maint Cn: AH-1. Qual: AH-1S. Time: 750 Hrs.

McNamey, Brian E., (2LT) (M90) (Mac) 101 N. Harris, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 598-4534. S. Michele. Dy: Aviation Officer E-1-145. Time: 126 Hrs.

McKinley, Brian E., (CPT) (M89) HHO, 70th Trans Bn (AVIM), APO New York 09028. Dy: BN Adjutant, Coleman AAF, FRG. Rtg: SAA IP. Qual: U-21, OH-58A/C. Time: 3,500 Hrs. Past VP, Rhine Valley Chapter.

McLeod, John S., Jr., (CPT) (M87) (Mac) Dawson AAF, CACPH, Fort Belvoir, VA 22060. Dy: (703) 664-4384. Res: (703) 768-6719. Dy: UH-60 PI Ldr. Qual: UH-60A. Time: 950 Hrs.

McMickle, William D., (1LT) (M89) 222 Redtree Drive, Clarksville, TN 37042. Dy: (502) 798-3286. Res: (615) 647-9849. S. Anna F. Dy: Aeronautics PI Ldr, B Troop, 2177 Cav Sqn, Rtg: AA. Qual: AH-1S UH-1. Time: 600 Hrs./Cdt 50 Hrs. AMV.

McNaughton, Brian S., (1LT) (M88) (BirdDog) 116 N. Harris, Fort Rucker, AL 36362. Dy: (205) 255-4846. Res: (205) 598-9361. S. Shelly. Dy: B Co, 1-14 Avn, Fort Rucker, AL. Rtg: AA. Time: 500 Hrs.

McQuinn, Paul M., (CPT) (M83) 4640 Beverly Drive NE, Olympia, WA 98506. Dy: (206) 967-3573. Res: (206) 456-5354. S. Barbara. Dy: Trip Cdr, HHT 194th Cav, Ft. Lewis, WA. Rtg: SAA TP. Maint Cn: OH-47 OH-58. Qual: CH-47D UH-60. Time: 1,400 Hrs.

McRae, Stuart J., (1LT) (M91) (Stu) 10 Donovan Lane, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 598-8064. S. Helene. Dy: E Co, 1-145th AVN RGT. Rtg: AA. Maint Cn: UH-1. Time: 200 Hrs.

McVane, Gary P., (CPT) (M89) HSC 3rd MI Battalion, APO San Francisco 96271-5000. Dy: 753-6215. Res: 753-3139. Rtg: SAA S-3, Camp Humphreys, Korea. Rtg: SAA IP TP. Ssl Cn: Mil. Qual: UH-60A. Time: 2400 Hrs.

Meacham, Jimmy L., (CPT) (M88) 1411 Rob Lane, Copperas Cove, TX 76522. Dy: (817) 287-0567. Res: (417) 647-6358. S. Syndee. Dy: B Co Cdr, 1-227 Avn, 1st Cav Div. Rtg: AA. Qual: AH-64A. Time: 750 Hrs./Cdt 30 Hrs.

Mealer, Robin L., (CPT) (M82) 808 Gm Mapping Road, Clarksville, TN 37042. Dy: (502) 798-2626. S. Jerry L. Dy: Bn S3, 7-01st Avn Regt. Rtg: AA. Qual: CH-47D. Time: 860 Hrs.

Medler, Lawrence P., (CPT) (M90) (Larry) 16 Shadow Creek Drive, St. Peters, MO 63376. Dy: (314) 263-1813. Res: (314) 928-4451. S. Teresa. Dy: Logistics Management Officer, LLS Div, RAH-66 Comanche, AVSCOM.

Melhuish, Sharon L., (1LT) (M88) (Taz) 1470 Siler Lane, Seaside, CA 90555. Dy: (408) 242-7025. Res: (408) 899-5575. S. Edward. Dy: HHC 3123 Avn, Fort Ord, CA. Rtg: AA. Time: 320 Hrs.

Meldell, Lail E., (1LT) (M91) 7243-8 Attu Drive, Fort Carson, CO 80913. Dy: (719) 579-2253. Res: (719) 576-4678. S. Cary. Dy: Platoon Leader, C Troop, 27 Cav. Rtg: AA. Qual: AH-1S, AH-64A. Time: 350

Mendenhall, Cory A., (2LT) (M91) 312 St. Clair, Sandpoint, ID 83664. S: Brooke. Dy: Fort Campbell, KY. Rtg: AA TP. Time: 230 Hrs.

Merritt, Layne B., (CPT) (M85) A Company, 3rd MI Battalion, APO San Francisco 96271. Dy: 011-823-50-7314. S: Patricia. Dy: Maint Off, Camp Humphreys, Korea. Rtg: AA MTP. Maint Cts: OV-1, U-21, UH-1. Time: 1,200 Hrs./Cdt 100

Midditt, Barry A., (1LT) (M87) (Bear) HHC 4th Brigade, APO New York 09185. S: Margue. Dy: XO. Rtg: AA. Maint Cts: OH-58 A. Salf Cts: C Aeroscut. Time: 900 Hrs.

Milani, Andrew N., (CPT) (M82) (Andy) 8 Versailles, Savannah, GA 31419. Dy: (912) 352-6640. Res: (912) 925-1326. S: Julie. Dy: 3160th SOAR, HAWF, GA. Rtg: AA. Maint Cts: UH-60. Qual: UH-60A. Time: 2,100 Hrs.

Millard, Christine J., (1LT) (M89) 1014 Dogwood #7, Fort Wainwright, AK 99703. Res: (907) 356-1584. S: Donald. Rtg: AA. Qual: CH-47D. Time: 600 Hrs.

Miller, Christopher, (CPT) (M88) (Topher) 1956 Heatherbrook Court, Woodbridge, VA 22192. Dy: (703) 664-3519. Res: (703) 491-8223. S: Sue. Dy: Commander HHC, Dawson Aviation Command, Ft. Belvoir. Rtg: AA. Maint Cts: UH-1. Qual: CH-47C. Time: 1,200 Hrs.

Miller, David W., (CPT) (M90) (Doc) P.O. Box 1806, APO New York 09250. S: Kathleen. Dy: Flight Surgeon, HHC 4th Bde 1st AD. Time: 250 Hrs./Cdt 100 Hrs. AM1.

Miller, John P., (2LT) (M90) 103 Brentwood Place, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 393-5340. Dy: IERW, Ft. Rucker, AL. Time: 115 Hrs.

Minichello, Angela L., (1LT) (M89) (Angie) B Co, 2159 Aviation, Operation Desert Shield, APO New York 09657-4200. Dy: (912) 352-6739. Res: (404) 641-7050. Dy: Ft. Pitt Ldr, Hunter Army Airfield, Savannah, GA. Qual: CH-47D. Time: 700 Hrs./Cdt 35 Hrs. AM1.

Mitchell, Robert D., (CPT) (M89) (Dog) 110 Fernway Drive, Enterprise, AL 36330. Dy: (205) 255-6309. S: Karen. Dy: DES, Ft. Rucker, AL. Rtg: AA IP. Qual: UH-60A. Time: 2,700 Hrs.

Mobley, Raymond, (CPT) (M83) (Rt. 4, Box 251 Logan Rd, Ozark, AL 36360. Dy: 2-222th Avn Regt, Ft. Rucker, AL. Rtg: AA. Maint Cts: UH-1 UH-60. Qual: AH-1S UH-60.

Moss, Randy L., (2LT) (M89) 4603 Creekside Drive, Killeen, TX 76543. Dy: (817) 287-3767. Res: (817) 690-2562. Dy: Ft. Hood, TX. 175th CAV, 2158th Avn Regt, Fort Hood, TX. Time: 250 Hrs.

Moffatt, James A., (1LT) (M89) (Tony) HHT 471 Cavalry, Box 78, APO New York 09146-5000. Dy: 0661-56826. Res: 0661-46926. S: Lissa. Dy: HHT XO. Rtg: AA. Qual: UH-60A, OH-58D. Time: 600 Hrs.

Monsees, Kyle M., (CPT) (M87) E Co., 1501st Aviation, APO San Francisco 96301-0011. S: Margot. Dy: Company Commander/Maintenance Test Pilot. Rtg: AA. Maint Cts: TP. Salf Cts: UH-1. Time: 540 Hrs.

Mooney, William K., (CPT) (M87) (Bill) 1436-B Werner Park, Fort Campbell, KY 42223. S: Terry. Dy: Student, ADOC, 1-13th Avn, Ft. Rucker, AL. AA.

Moore, Chris, (CPT) (M88) HHC, 358th ATC, Box 21, APO New York 09225. S: Terry Sue. Dy: Avn LNO. Rtg: AA. Qual: UH-60A. Time: 525 Hrs.

Moore, Darren M., (CPT) (M91) HHC/4th Aviation Brigade, APO New York 09185. S: Yong. Dy: Asst Bde S-3, 8th ID.

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Aviation Officer Directory

Moore, Michael B., (CPT) (M87) 48 Luzon Drive, Fort Bragg, NC 28307. Dy: (919) 432-6726. Res: (919) 436-2246. S: Betsy. Dy: Cdr, 82nd Airborne Div, Fort Bragg, NC. Rtg: AA. Qual: AH-1S. Time: 320 Hrs.

Moore, Steven D., (CPT) (M85) P.O. Box 1439, APO San Francisco 96355. Res: (805) 238-9994. S: Marylon. Dy: Kwajalein Missile Range, Republic of Marshall Islands. Rtg: SAA. Qual: AH-1S. Time: 1,280 Hrs.

Moore, William P., (CPT) (M87) (Bill) 7650 Meadows Drive South, Mobile, AL 36619. Dy: (205) 460-6341. S: Beatrice. Dy: Asst Prof of Mil Sci, U of S. L. Rtg: AA IP. Maint Cts: UH-1. Time: 1,399.

Moran, David D., (CPT) (M84) 225 Yellowford Drive, Enterprise, AL 36360. Dy: (205) 255-4212. Res: (205) 347-2067. S: Pamela. Dy: A Co, 1-212th Avn ATB. Rtg: AA IP. Maint Cts: UH-1. Time: 1,600 Hrs.

Morcomb, Scott R., (CPT) (M87) 12502 Apache Avenue, Apt. 1, Savannah, GA 31419-2300. Dy: (912) 352-5161. S: Janna. Dy: EUNIT Ft. Ldr. A Co, 224th MI Bn (AE). Rtg: AA. Qual: OH-1D, RU-12H. Time: 1,800 Hrs./Cdt 182 Hrs.

Moreno, Peggy A., (1LT) (M87) HHC 4-159th Avn Regt, Box 247, APO New York 09359. S: Kenneth. Dy: Asst-3, Stuttgart Army Airfield. Rtg: AA. Time: 300 Hrs.

Morgan, Robert H., (CPT) (M85) 31 End Avenue, Fort Rucker, AL 36362. Dy: (205) 255-5530. Res: (205) 598-5141. S: Delores. Dy: Cdr, HHD-Shell, 1-14th Avn Regt, Ft. Rucker, AL 36362-5000. Rtg: AA IP. Time: 800 Hrs.

Morgan, Terry V., (CPT) (M88) 717 Crestwood Drive, Apt. 11, Manhattan, KS 66502. Dy: (913) 299-6623. Res: (913) 776-9317. S: Deirdre. Dy: Battalion S-1, HHC 4-1 Avn Regt. Rtg: AA. Maint Cts: OH-58D. Time: 510 Hrs. 1 DFC.

Modis, Frank N., (CPT) (M88) 110 Cornelson Road, Richmond, KY 40475. Dy: (606) 622-1215. Res: (606) 624-2640. S: Joan. Dy: Assistant Professor of Military Science.

Morris, William H., (CPT) (M90) (Bill) H Co., Task Force 23, P.O. Box 116, APO New York 09182-5000. S: Ma. Dy: Company Commander. Time: 1,000 Hrs.

Moss, Jeffrey N., (1LT) (M89) (Jeff) 5252A Montague Loop, Fort Bliss, TX 79906. Dy: (915) 568-8916. Res: (915) 566-4386. S: Camille. Dy: XO, T/4C ACB, Bldgs AAF, Rtg: AA IP. Maint Cts: AH-1. Qual: AH-1F. Time: 400 Hrs./Cdt 1

Mount, David M., (CPT) (M87) (Dave) 12502 Apache Avenue, Apt. 2, Savannah, GA 31419-2300. Dy: (912) 352-5120. Res: (912) 920-4126. S: Susan. Dy: OH-47 Pilot, B Co, 2159 Avn Regt, Hunter AAF. Rtg: AA. Qual: CH-47D. Time: 910 Hrs./Cdt 110 Hrs. AM2.

Mudd, Michael G., (CPT) (M86) 5829 Danville Drive, Fayetteville, NC 28311. Dy: (919) 236-2740. Res: (919) 630-0527. S: Debbie. Dy: S-3 2-159th Avn, 18th Avn Bde. Rtg: SAA IP. Maint Cts: CH-47 UH-1. Qual: CH-47D. Time: 1,200 Hrs./Cdt 30 AM1.

Mueller, Robert C., (2LT) (M88) 203 Mill Creek Road, Clarksville, TN 37042. Res: (615) 489-7884. Dy: HHC-6-101 Avn, Fort Campbell. Qual: UH-1. Time: 220 Hrs./Cdt 1

Mullinax, Jackie E., (2LT) (M90) (Jack) 14 Mon-

teth Lane, Fort Rucker, AL 36362. Dy: (205) 255-3311. S: Rita. Dy: E-1-145th. Rtg: AA MTP. Maint Cts: AH-1. Qual: AH-1S. Time: 230 Hrs.

Murray, Barry G., (CPT) (M85) (Barry) 331 Albrook Avenue, Sherwood, AR 72116. Dy: (501) 988-6587. Res: (501) 634-7762. S: Peggy. Dy: JRTC, Avn OIC (Assault Team). Rtg: AA. Qual: UH-60A. Time: 780 Hrs.

Musiel, Michael J., (2LT) (M90) (Mike) CMC R Box 13175, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 393-5800. Dy: E-1-145th.

Myers, Earl C., II, (CPT) (M87) U.S. Army Post Box X23, APO New York 09150. S: Val. Dy: U. Army Personnel Exchange Officer, 607 Sqdn, Army Air Corps Cdr. Rtg: SAA IP. Maint Cts: UH-1F. Qual: AH-1S. Time: 2,300 Hrs.

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Naughton, Michael P., (1LT) (M90) 6666 Bayshore Road, Fayetteville, NC 28314. Dy: (919) 396-4068. Res: (919) 487-5949. S: Debbie. Dy: 16th ABN OF, Fort Bragg, NC. Cdt 12 Hrs. AM1.

Neel, David R., (2LT) (M90) 207th Aviation Company, Box 86, APO New York 09102. Res: (919) 434-5827. S: Donna. Dy: Heidelberg, GE.

Neilsen, Robert D., (CPT) (M82) (Bob) 2504 Nile Oaks Drive, Savannah, GA 31406. Dy: (912) 352-5529. Res: (912) 353-9908. S: Lisa. Dy: Asst Bde S-4, 24th Avn Bde, 24th ID Mech. Rtg: AA TP. Maint Cts: UH-1. Time: 700 Hrs.

Nelson, Eric M., (CPT) (M85) 5135 Iron Horse Trail, Colorado Springs, CO 80917. Dy: (719) 579-3683. Res: (719) 380-1222. S: Kathy. Dy: 1-4th Avn Regt, Ft. Carson, CO. Rtg: SAA. Qual: UH-60A. Time: 1,250 Hrs.

Nelson, Michael S., (CPT) (M82) (Mike) 12 Brownell Circle, Monterey, CA 93940. Dy: (408) 646-2789. Res: (408) 373-7709. S: Kalle. Dy: Post Graduate School. Rtg: SAA. Qual: UH-60A. Time: 1,200 Hrs.

Nelson, Rockney T., (CPT) (M86) (Rocky) 20 Seminole Drive, Enterprise, AL 36330. Dy: (205) 255-3344. Res: (205) 347-3905. S: Jacquelin. Dy: Small Grp Instructor. Rtg: AA. Qual: AH-1S. Time: 1,000 Hrs.

Netherland, Scott F., (CPT) (M83) (Scott) 5000 Harvest Road, Colorado Springs, CO 80917. Dy: (719) 554-8716. Res: (719) 360-0813. S: Jacques. Dy: HDS Det Cdr & Ops Action Off, U.S. Army Space Cnd. Rtg: AA. Qual: UH-60A. Time: 1,250.

Newcomer, John C., (CPT) (M86) (John) MI Battalion (LJ), PSC Box 352, APO Miami 34042. Dy: AV 449-4470. Dy: B Co, MI Bn (LJ), Soto Cano AB, Honduras. Rtg: AA. Qual: UH-1, RC-123. Time: 1,100 Hrs.

Newell, Peter L., (CPT) (M82) 122 Crestview Drive, Enterprise, AL 36330. Res: (205) 347-0129. S: Debra. Dy: Student, ERAU, Ft. Rucker, AL. Rtg: AA. Qual: UH-60A. Time: 1,500 Hrs.

Nicolucci, Steven L., (1LT) (M88) (Nick) HHC, 3-4th Aviation, APO New York 09185. Dy: 011-49-6131-364911. S: Nancy. Dy: LNO/Asst S-3, Mainz-Finthen, FRG. Rtg: AA. Qual: AH-1S. Time: 370 Hrs.

Norris, Keith S., (CPT) (M82) 1127 Piccola Lane, Alexandria, VA 22308. Dy: (202) 325-9366. Res: (703) 759-1861. S: Pamela E. Dy: Avn Assignment Off, Avn Br PERSSCOM, Alexandria, VA. Rtg: AA IP. Time: 1,500 Hrs.

Nye, Michael A., (2LT) (M91) (Mike) 209 Glenwood Apt. 4, Enterprise, AL 36330. Dy: (205) 255-3311.

Res: (205) 393-9303. Dy: Student (OBC & Flight School), Ft. Rucker, AL. Time: 26 Hrs.

O'Brien, Janice M., (CPT) (M85) (Jan) 3002 1/2 Redwood Drive, Marina, CA 93933-3725. Dy: (408) 242-5493. Dy: Maintenance Officer, E. Co, 123d Avn Regt. Rg: AA TP. Maint Cn: UH60A. Qual: UH-60A. Time: 750 Hrs.

O'Brien, Kevin R., (CPT) (M87) (OB) Taurus Chapter Secretary, HHC, 12th Aviation Regt, APO New York 09457. Dy: 611-706-5516. Res: 611-731-754. S: Brenda. Dy: CDR, HHC, 12th Avn Bde, Wiesbaden, Germany. Rg: AA. Maint Cn: UH-1 CH-47. Time: 500 Hrs. Sec, Taurus Chapter.

O'Brien, Thomas J., (CPT) (M82) (OB) 4901 Dusty Dawn, Corpus Christi, TX 78413. Dy: (512) 939-2006. Res: (512) 994-1813. S: Ale. Dy: Avn Maint Officer, C2AD. Rg: SAA TP. Maint Cn: UH-1. Qual: UH-60A. Time: 1,400 Hrs.

Ochocki, Mark J., (CPT) (M85) 3501 Canterbury Drive, Killeen, TX 76542. Dy: (817) 288-1974. Res: (817) 526-6683. S: Connie. Dy: S-4, 15th, 1st Bn (AS), Fort Hood, TX. Rg: AA. Qual: AH-1S, U-21. Time: 1,000 Hrs./Cbt 145

O'Donnell, Vernon E., (CPT) (M90) (Vern) HHT, 411 ACR, APO New York 09146. S: Ellen. Dy: Adjutant, Fuchs, Germany. Rg: AA TP. Qual: OH-58. Time: 700 Hrs.

O'Hearn, Scott D., (2LT) (M90) CMR 2, Box 13645, Fort Rucker, AL 36362-5000. Res: (205) 393-2810. S: Janine. Dy: E Co, 1/145th ATB.

O'Leary, Kevin H., (CPT) (M88) HHC Aviation Brigade, 210, APO San Francisco 96354-0455. Dy: (205) 255-4605. Res: 011-8251-8705/85. S: George. Dy: S-3 SHOP, Camp Stanley, Korea. Rg: AA TP. Qual: AH-1S.

Olson, Keith E., (1LT) (M88) 401 Twin Creek Apt. 104, Killeen, TX 76543. Dy: (817) 288-1412. Res: (817) 690-6156. Dy: Scout Plt Leader, A Co, 1-227th Avn, 1 CD, Ft. Hood, TX. Rg: AA.

O'Neal, Edward A., (CPT) (M86) (Ed) 1039 Dogwood St. #4, Fort Wainwright, AK 99703. Dy: (907) 353-6330. Res: (907) 356-3746. S: Shan. Dy: Ops Off, 263rd Medical Detachment (PA), Ft. Wainwright, AK. Rg: AA. Suf Cn: M1. Life Member.

O'Neill, Timothy J., (CPT) (M85) (T.J.) 201 California Avenue, Watertown, NY 13601. Dy: (315) 772-7194. Res: (315) 782-5064. S: Jeannine. Dy: Fort Drum, NY. Company Commander, Rg: AA. Maint Cn: UH-1. Time: 620 Hrs. Life Member.

Openshaw, Shane T., (CPT) (M84) 11400 White Bull Road, Apt. 45, Savannah, GA 31419. Dy: (912) 352-5887. Res: (912) 352-1096. S: Stephanie. Dy: Exec Ofc, B Co, 3d Bn (PVP) 24th Avn Regt, Hunter AAF, Rg: AA. Qual: UH-60A. Time: 1,300 Hrs./Cbt 80 Hrs. AM1.

Oppenman, Jeffrey K., (1LT) (M90) (Jeff) 1121 Old F M 44 Road, Apt. 1202, Killeen, TX 76542-1235. Res: (817) 634-5077. S: Julie. Dy: Assistant S-1/S-5, HHC, Aviation Brigade, 24D, Ft. Hood, TX. Rg: AA. Maint Cn: UH-1.

O'Shaughnessy, Michael R., (CPT) (M85) (Mike) P.O. Box 35257, Fort Wainwright, AK 99703. Dy: (907) 353-6801. Res: (907) 457-1044. S: Linda. Dy: XO, H Co, 123d Avn Regt. Rg: AA TP. Maint Cn: AH-1.

Ousley, Robert E., (CPT) (M81) (Bob) 514 Timbercock Court, Hampton, VA 23663-1938. Dy: (804) 727-3506. Res: (804) 851-2579. S: Melody. Dy: XO, TRADOC PAO, Rg: SAA. Qual: UH-60A.

Oversly, Todd A., (CPT) (M90) (A Co, 23 Ft, Box 75, APO New York 09182. Dy: 033-648-8744. Res: 093-36555. S: Sherie. Dy: Brigade S-1, Giebelstadt

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Aviation Officer Directory

Army Airfield, 4th Avn Bde, FRG. Rg: AA TP. Maint Cn: UH-1. Time: 1,500 Hrs.

Owen, Edward H., (CPT) (M83) (Ed) 207th Aviation Company, Box 148, APO New York 09102-3737. S: Elizabeth. Dy: XO, Rg: SAA. Maint Cn: UH-1. Qual: UH-1, OH-58, T-42, U-21, C-12. Time: 2,300 Hrs. Past Tra, Follow Me Chapter.

Owens, Calvin J., (CPT) (M89) P.O. Box 490822, College Park, GA 30349-0822. S: Sandra. Time: 690 Hrs./Cbt 2 Hrs.

Owens, Donald K., (CPT) (M82) 3405 Calle Del Sol NE, Albuquerque, NM 87106. Dy: (505) 848-2220. Res: (505) 255-9522. S: Debbie. Dy: FOCOP-Field Cmdr Del Nuclear Agency, Kirtland AFB, NM. Rg: AA. Maint Cn: UH-60A. Time: 1,400 Hrs.

Ower, James E., (1LT) (M88) (Eddie) 201 Dixie Drive, Apt. 36, Enterprise, AL 36330. Dy: (205) 255-6418. Res: (205) 347-9460. Dy: Plt Cdr/Plt, D/V-212. Rg: AA TP. Time: 1,950 Hrs.

Ower, Van T., (CPT) (M90) (Vito) P.O. Box 626, Lake Placid, FL 33852. Dy: (512) 221-0732. Dy: Plt-US Army. Qual: UH-60. Time: 1,900 Hrs.

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Palumbo, Raymond., (CPT) (M90) (Ray) 2007-B Werner Park, Fort Campbell, KY 42223-5000. Dy: (502) 798-9213. S: Alice. Dy: Cdr, Selection & Trng Det, 160th SOAR (Abn), Ft. Campbell, KY.

Paquette, Derek J., (CPT) (M83) A Troop, 516 Cavalry, APO New York 09457. Dy: 337-6058. Res: (617)-564823. S: Kathy. Dy: Commander, A Troop, 516 Cav, Wiesbaden, Germany. Rg: SAA TP. Qual: AH-1S AH-64. Time: 1,500 Hrs./Cbt 25 Hrs. AM1.

Parhurst, Jack., (CPT) (M91) HHC 4-228th, Miami 34042. Dy: AV 449-430-918. S: Karen. Dy: Adjutant, Soto Cano AB, Honduras. Rg: UH-60A. Time: 700 Hrs.

Pasco, Michael H., (CPT) (M87) (Javi) 210 Edith Way, Daleville, AL 36322. Dy: (205) 255-3341. Res: (205) 588-2275. Dy: E-1-13th. Rg: AA. Time: 895 Hrs. Past Tra, Benelux Chapter.

Pate, Lynn A., (2LT) (M89) 36 Galt Lane, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 588-1614. S: Gina. Dy: E-1-145th. Time: 900 Hrs.

Patton, Scott E., (CPT) (M81) 902 Craddock Street, Copperas Cove, TX 76522. Dy: (817) 288-2311. Res: (817) 547-8227. S: Pamela. Dy: Bn S-3, 2-3d Aq Hqtr Bn, Giebelstadt, Germany. Rg: SAA. Qual: AH-64A. Time: 1,040 Hrs.

Paul, Morgan W., (1LT) (M91) (Wade) 507 Briarwood Drive, Apt. 9D, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 347-3836. Dy: Flight School Student, E Co 1/145 AVN.

Paulino, Kenneth P., (CPT) (M91) (Kon) 26 Olsen Drive, Fort Rucker, AL 36362. Dy: (205) 255-3344. Res: (205) 588-5551. S: Lucille. Dy: E-1-13th. Rg: AA. Time: 850 Hrs./Cbt 10

Peasder, William R., (2LT) (M90) (Ronnie) 4111 Westcott Court, Apt. F-104, El Paso, TX 79902. Dy: (915) 586-1160. Res: (915) 544-3037. S: Jennifer. Dy: Plt Ldr, 43rd ACR, Ft. Bliss. Rg: AA. Qual: AH-1, AH-1F, AH-1S. Time: 270 Hrs./Cbt 20 AM1.

Peardon, Philip A., (CPT) (M91) (Phil) 33 Boyce Lane, Fort Rucker, AL 36362. Dy: (205) 255-2160.

Res: (205) 598-4881. S: Sonia. Dy: Assistance Manager - LH USAAC. Time: 420 Hrs.

Pellefield, Roney P., (CPT) (M84) HSC, TF23, Box 64, APO New York 09182. Dy: 49-9334-8483. Res: 49-9334-773. S: Sarah. Dy: HHC, TF23, 4th Bde, Giebelstadt, Giebelstadt Army Airfield, 3rd Qual: UH-60. Time: 750 Hrs.

Peplin, Allan M., (1LT) (M89) E Troop, 34 Cavalry, Box 33, APO New York 09102. Dy: 354-6267. Res: 09721-40538. Dy: Gun Plt Ldr, Schweinfurt, G. Rg: AA. Maint Cn: AH-1. Suf Cn: M1. Time: 395 Hrs.

Perkinson, Terrance J., (CPT) (M91) (Terry) 29 Fowler Lane, Fort Rucker, AL 36362. Dy: (205) 255-3341. Res: (205) 588-5481. S: Rosalia. Dy: Cdt Aviation, E-1-13, Fort Rucker. Qual: UH-60A. Time: 900 Hrs.

Perrin, Mark W., (CPT) (M89) (Doc) 15507 Traveler Court, Woodbridge, VA 22193. Dy: (703) 487-8748. Res: (703) 878-7308. S: Arnie. Dy: HQDA, DCSOPS, Pentagon, Washington D.C. Rg: AA. Maint Cn: UH-1. Qual: UH-1, EH-1, RU-21, U-21. Time: 1,000 Hrs.

Perry, Kenneth J., (CPT) (M85) (K.P.) 13504 Photo Drive, Woodbridge, VA 22193. Dy: (703) 487-8532. Res: (703) 878-0106. S: Deborah. Dy: Defense Communications Agency. Rg: AA. Qual: UH-60A. Time: 1,600 Hrs.

Peterson, Allen L., (CPT) (M83) 6610 Rein Drive, Killeen, TX 76542. Dy: (817) 287-6667. Res: (817) 554-2940. S: Diane. Dy: Cdr, A Trp, 46 Cav. Rg: SAA. Qual: AH-1S AH-64A. Time: 2,100 Hrs.

Peters, Donald L., (CPT) (M84) (Spoke) HHC, 7th ATC, Box 3447, APO New York 09114. S: Donna. Dy: Ops Off, TATC Plt Detachment, Grafenwohr, Germany. Rg: AA. Qual: UH-1, EH-1X, U-21, C-12. Time: 1,300 Hrs.

Petring, Michael B., (CPT) (M86) (Mike) HHC, 8 DDM, ATTN: DAME, APO New York 09111. Dy: 490-6441-7238. Res: 06132-87326. Dy: Asst Div Avn Off (ADAVNO), Bad Kreuznach, Germany. Rg: AA. Time: 850 Hrs. Life Member.

Phaneuf, Alan M., (CPT) (M88) (Al) HHC, 7-159 Aviation Regt, Box 703, APO New York 09061-5000. Dy: 421-6801. Res: 07158-09101. S: Carole. Dy: S-1, 7-159 Avn Regt, Nellingen, FRG. Rg: SAA TP. Maint Cn: AH-1. Qual: AH-1S. Time: 1,100 Hrs./Cbt 18 Hrs. AM1.

Phillips, Chris A., (1LT) (M88) 1704 Wickersham Drive, Knoxville, TN 37922-6249. Dy: (615) 974-5371. Res: (615) 539-4507. S: Lisa. Dy: Asst Prof of Mgt Sci, University of TN, USA 2 ROTC Bn, Knoxville, TN. Rg: SAA. Qual: UH-60A. Time: 1,000.

Phlips, Warren E., (CPT) (M84) 10351 Haley Drive, Monterey, CA 93940-4876. Dy: (408) 648-3079. Res: (408) 649-3556. S: Sylvia. Dy: Naval Post Grad School. Rg: SAA. Qual: AH-1S AH-64. Time: 1,100 Hrs.

Pierce, William A., (CPT) (M82) (Bill) 4308 29th Ave., S.E., Lacey, WA 98503. Dy: AV 430-5150-4178. S: Sue. Dy: Joint Assignment, HQ USEUCOM. Rg: AA. Qual: UH-60A. Time: 900 Hrs.

Piersante, Michael P., (CPT) (M86) (Mike) 8341 Argent Ct., Fairfax Station, VA 22039. Dy: (703) 274-9706. Res: (703) 643-0933. S: Mary Ellen. Dy: Asst XO for DCSROA, USAMC. Rg: SAA. Maint Cn: UH-1 F.W. Time: 1,300 Hrs.

Pilgrim, Allen M., (1LT) (M89) (Allen) 3436-A McCormack Road, Wahiawa, HI 96786. Dy: (808) 666-2636. Res: (808) 624-0212. S: Ocky. Dy: Avionics Plt Ldr, UH-60M Maint Test Plt, H Co, 23rd Avn Regt, Rg: AA MTP. Maint Cn: UH-60. Qual: UH-60. Time: 400 Hrs.

Pinigle, Dennis J. (CPT) (M87) B Company, 5-501 Aviation (AM), APO San Francisco 96397-5000. S: Kyung. Dy: Co. Cdr. Rtg: AA IP. Maint: Cn. AH-1. Qual: AH-1S. Time: 1,000 Hrs.

Pinelton, Tracy (2LT) (M81) 104 Weeks Drive, Apt. 11, Enterprise, AL 36330. Dy: (205) 255-3937. Res: (205) 393-2521. S: Melissa. Dy: D-1-145th.

Pollack, Steven A. (CPT) (M88) D Company, 222 Aviation Regiment, APO San Francisco 96324-0464. Dy: 732-5474. Res: 732-5879. S: Teresa. Dy: Cdr. Camp Stanley Korea. Rtg: AA TP. Maint: Cn. UH-60. Qual: UH-60A. Time: 1,100 Hrs.

Ponco, Joseph A. (1LT) (M89) (LP) P.O. Box 2485, Fort Benning, GA 31906-1085. Dy: (404) 545-5311. Res: (404) 568-7535. S: Susan. Dy: Airfield Ops Officer, DPTM Avn Div, Lawson AAF. Rtg: AA. Qual: UH-60A. Time: 700 Hrs./Cdt 104

Prebridge, George N. (CPT) (M85) (Nest) 104 Austin Loop, Fort Benning, GA 31906. Dy: (404) 545-3418. Res: (404) 889-0955. S: Susan. Dy: Airfield Ops Officer, DPTM Avn Div, Lawson AAF. Rtg: AA. Qual: CH-47D. Time: 1,000 Hrs.

Purvis, James W. (CPT) (M88) (Jim) 3945 Meadowdale Place, Colorado Springs, CO 80906-6010. Dy: (719) 579-2753. Res: (719) 576-7614. S: Lorraine E. Dy: HHC Cdr, 1-4 Avn Regt, Ft. Carson. Rtg: AA. Qual: AH-1S, UH-60L. Time: 900 Hrs.

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Quaglio, Kenneth L. (CPT) (M83) P.O. Box 335, Syracuse, NY 13210-0935. Res: (315) 458-4048. S: Valerie. Rtg: SAA IP. Qual: UH-60A. Time: 1,500 Hrs. Past VP, Follow Me Chapter.

Raines, Marshall A. (2LT) (M89) Campbell 1317 Werner Park, Apt. A, Fort Campbell, KY 42223-1106. Dy: (502) 798-2056. S: Beverly. Dy: B-9-101 Avn Regt. Rtg: AA. Maint: Cn. UH-60. Qual: UH-60A. Time: 600 Hrs./Cdt 56

Rainey, Walter P. (CPT) (M86) 610 Lufkin Circle, Fayetteville, NC 28311. Dy: (919) 396-6219. Res: (919) 822-8165. S: Marie. Dy: Cdr, B Tpt, 1-17 Cav.

Raney, Roger J. (CPT) (M74) (Randy) 59442 Walnwright Drive, Fort Hood, TX 76544-1339. Dy: (817) 287-9828. Res: (817) 539-9366. S: Kelly. Dy: Cdr, C Tpt, 3rd Sqdn, 6th Cav, Ft. Hood, TX. Rtg: AA TP. Maint: Cn. UH-1 AH-64A. Qual: AH-1S AH-64A. Time: 930 Hrs. Past VP, Arizona Chapter.

Ratto, Bernabe (CPT) (M89) (Bernie) 2 Nijmegen Street, Fort Bragg, NC 28307-5100. Dy: (919) 432-3363. Res: (919) 497-4433. S: Sandy. Dy: Asst Bde S3, HHC, 82nd Avn Bde. Rtg: AA. Qual: OH-58. Time: 750 Hrs. Past Sec, Morning Calm Chapter.

Ray, George D. (CPT) (M87) HHC 3-4 Aviation, APO New York 09185. S: Sharon. Dy: Bn S-3.

Reaves, Eugene W. (CPT) (M81) (Chip) CASS3, Box 1142, APO New York 09457. S: Lori. Dy: Cdr, V Corps, Avn Standardization & Simulation Det. Rtg: MAIA SIP. Time: 3,995 Hrs./Cdt 990 DFC, AMW, Past Sec, Wings Of The Devil Chapter.

Reed, James M. (CPT) (M84) (Mike) HHC 3-58th Aviation, Box 171, APO New York 09025. Dy: AV 1426-4622. S: Carolyn. Dy: Cdr. Rtg: AA. Maint: Cn. UH-1. Time: 560 Hrs.

Reed, Jeffrey J. (1LT) (M90) 413 Grandpine, Enterprise, AL 36330. Dy: (205) 255-6280. Res: (205) 342-9179. Dy: USANMCC-ADD.

Regan, David M. (1LT) (M87) 100 Dible Drive, Apt. 26 Forest Park, Enterprise, AL 36330. Dy: (205) 255-3344. Res: (205) 393-4408. Dy: D Co, 1-13

S Aviation Officer Directory

Avn (AH-64A) ADC, CL 91-14, Fort Rucker, AL. Qual: AH-1S AH-64A. Time: 570 Hrs.

Reider, Bruce J. (CPT) (M84) 23 Oak Pointe, Richmond Hill, GA 31324. Dy: (912) 352-6908. S: Janet. Dy: 3106th SOAR(A), Hunter AAF, Savannah, GA. Rtg: AA IP. Qual: UH-60A.

Reinwald, Bernard C. (CPT) (M87) (Ben) H Company, 4th Avn. Regt., APO New York 09185. Dy: Bn S-2, Mainz-Finthen, Germany. Rtg: AA. Qual: UH-60A. Time: 550 Hrs.

Reis, Joaquin F. (CPT) (M89) (Joe) Apt. 2, The Oaks Apt., 799 Donnell Boulevard, Daleville, AL 36330. Dy: (205) 255-5206. S: Leslie. Dy: 1st Avn Bde (AA). Qual: UH-60A. Time: 600 Hrs.

Rematy, Stewart E. (CPT) (M87) 390 Sango Road, Clarksville, TN 37043. Dy: (502) 798-2961. Res: (615) 358-3158. S: Wendy. Dy: AMO 160th SOAR. Rtg: AA TP. Qual: UH-60, MH-6. Time: 970 Hrs.

Reyes, Hugo E. (CPT) (M89) P.O. Box 70932, Fort Bragg, NC 28307. Rtg: AA. Qual: AH-1E, AH-1F, UH-1H. Time: 375 Hrs.

Rhymedance, George H. (CPT) (M85) (Rhyno) 5607 Roundtree Drive, Dale City, VA 22193. Dy: (703) 695-4462. Res: (703) 580-5824. S: Cristina. Dy: Plans Officer, Office of Chief of Public Affairs, Pentagon. Rtg: AA. Qual: AH-1S AH-64A. Time: 970 Hrs.

Rice, Frederick L. (1LT) (M88) (Fred) 100 St. George Boulevard, Apt. 901, Savannah, GA 31419-9324. Dy: (912) 352-5854. Res: (912) 920-4729. S: Cindy. Dy: Plt Ldr (AH-1), C Tpt, 2-4 Cav, HAAF. Rtg: AA. Qual: AH-1S. Time: 450 Hrs./Cdt 75 Hrs. AM/1.

Rice, William T. (CPT) (M88) (Tom) 1835 Morganston Road, Fayetteville, NC 28305. Dy: (919) 432-2889. Res: (919) 485-5728. S: Julia. Dy: HHT 1/17 Cav, Ft. Bragg. Rtg: AA. Qual: AH-1S.

Rich, Jeffrey D. (2LT) (M89) (Jeb) 504 Diana Lane, Harker Heights, TX 76543. Dy: (817) 287-4550. Res: (817) 695-3014. S: Nanci. Dy: Attack Platoon Leader, 4 Tpt, 3-4 Cav, Ft. Hood, TX 76544. Qual: AH-64A. Time: 950 Hrs.

Riddle, Kyle M. (CPT) (M86) A Company, 3-58th Aviation Regiment, APO New York 09457-5000. Dy: 49-611-731510. Res: 49-6185-2494. S: Angela. Dy: XO, Westaband, FRG. Rtg: AA. Time: 560 Hrs.

Riggins, George W. (2LT) (M89) (Roger), My Lucky Lucky CMT 2, Box 13715, Fort Rucker, AL 36362. Res: (205) 598-5102. Dy: E-1-145th, Fort Rucker, AL. Qual: AH-1.

Rizzi, Glenn A. (CPT) (M85) 105 Washington Ave, Enterprise, AL 36330. Dy: (205) 255-5729. Res: (205) 393-4976. Dy: B Co, 1/14th Avn Bn, Ft. Rucker. Rtg: AA IP. Time: 1,300 Hrs.

Roberts, Joel E. (CPT) (M87) (Joe) Stuttgart Chapter VP Rgt, HHS 2nd MI Bn Box 256, APO New York 09359. S: Tish. Dy: OVI Mohawk Pilot, Echterningen, Stuttgart AAF. Rtg: AA. Sal Cn: Fw. Time: 500 Hrs./Cdt 50 Hrs.

Roberts, John P. (CPT) (M88) Box 205, 411 ACR, APO New York 09146. Dy: ETS 3213-591-497. Res: 049-0661-4607. Dy: Squadron Motor Officer. Time: 1,300 Hrs.

Robertson, James M. (CPT) (M85) (Jim) 11 Donovan Lane, Fort Rucker, AL 36362. Dy: (205)

255-6283. Res: (205) 598-9484. S: Mary. Dy: Company Commander, B Co, 1-10th Avn Regt. Rtg: AA IP. Qual: OH-58. Time: 1,200 Hrs.

Robins, Jeff J. (CPT) (M89) B Company, 6/158th Aviation Regiment, APO New York 09185-4050. Dy: Cdr. Rtg: AA. Maint: Cn. UH-1 CH-47. Time: 1,050 Hrs. AM/1.

Rodden, Jonathan D. (CPT) (M87) 100 Foxhill Drive, Enterprise, AL 36330. Dy: (205) 255-3341. Res: (205) 393-7803. S: Silma. Dy: E-1/13th, Ft. Rucker, AL. Time: 650 Hrs.

Rodriguez, Milton O. (1LT) (M89) C Co, 3-4th Avn Regt., Box 111, APO New York 09185. Dy: Plt Ldr.

Rollins, Craig C. (CPT) (M88) (Craig) HHC, 12th Bde, (FR Det), APO NY 09457. Dy: 011-49-611-705511. Res: 011-49-612-5255. Dy: Detachment Cdr, Wiesbaden, Germany, 5/158 Avn Regt Plt Det. Rtg: AA. Time: 1,350 Hrs.

Romine, David W. (CPT) (M85) Psc Box 306, APO Miami 34001. Dy: (312) 284-3159. Res: (312) 284-6699. S: Joann. Dy: Cdr, B Co, 1/228 Avn Regt, Panama. Rtg: AA MTRE. Maint: Cn. AMOC. Qual: AH-1S, UH-1, OH-58A/C. Time: 950 Hrs.

Rooney, James J. (2LT) (M91) (Jay) 58th Aviation Company, Box 34, APO New York 09028. Dy: UH-1 Pilot, 58th Avn Co, Sandhofen, Germany. Time: 270 Hrs.

Root, Molly A. (CPT) (M86) 59-589 Keld Road, Halesite, NJ 06712. Dy: (808) 655-6211. Res: (808) 638-8188. S: Michael. Dy: Cdr, HHC 4-25 Avn Regt.

Rose, Michael S. (CPT) (M84) (Mike) HHC 3/160th Spec Ops, Hunter AAF, GA 31458. S: Judy. Rtg: SAA. Qual: UH-60A. Time: 1,500 Hrs./Cdt 70

Ruffe, Randolph R. (CPT) (M85) (Randy) 52488 Montague Loop, Fort Bliss, TX 79906. Dy: (915) 568-8853. Res: (915) 565-3301. S: Lisa. Dy: S Tpt, 43 ACR. Rtg: AA. Qual: UH-60A. Time: 400 Hrs./Cdt 40

Rozman, Sheryl A. (CPT) (M80) Indianapolis Gap VP Rgt, 2440 East Bapery Drive, Harrisburg, PA 17112. Dy: (717) 865-8686. Res: (717) 867-3555. S: Gerry. Dy: Branch Chf, FSAB, EAATS, Ft. Indiantown Gap. Rtg: SAA IP. Maint: Cn. UH-1. Time: 1,500 Hrs. Life Member.

Russell, Rex A. (CPT) (M84) 572-C Connor Road, West Point, NY 10996. Dy: (914) 938-3803. S: Wendie. Dy: USOC, Co Tactical Of, Co C-1, West Point, NY. Rtg: SAA. Qual: AH-1S. Time: 1,500 Hrs. Past SVP, Thunderhorse Chapter.

Rustan, Bradley S. (1LT) (M91) 4072 West Meadow Drive, Apt. 206, Colorado Springs, CO 80906. Dy: (719) 579-3015. Res: (719) 576-6114. Dy: Medevac Pilot/ 571st Med. Det. Hst, Ft. Carson.

Rydalch, Ryan B. (2LT) (M91) 34 Boyce Lane, Fort Rucker, AL 36362. Dy: (205) 255-2888. Res: (205) 598-0014. S: Karl. Dy: E Co, 1/145 AVN. Qual: CH-47D. Time: 200 Hrs.

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Sabb, Anthony (CPT) (M90) (Tony) P.O. Box 232, Fort Campbell, KY 42223. Dy: (502) 798-6013. S: Dena. Dy: Co. Cdr. Rtg: AA. Qual: UH-60A. Time: 950 Hrs.

Sachleben, David D. (CPT) (M89) 25 Kirby Street, Fort Rucker, AL 36362. Dy: (205) 255-2442. Res: (205) 598-4368. S: Lisa. Dy: Chief, Utility Branch Directorate of Evaluation & Standardization. Rtg: AA IP. Maint: Cn. UH-60. Qual: AH-60A.

Saffin, Stephen T. (CPT) (M84) 327 Meadow Avenue, Charleroi, PA 15022. Res: (412) 483-1812.

S: Stephanie, Dy: 1st Military Intelligence Battalion (Aerial Exploit), Wiesbaden, GE. Rtg: SAA. Qual: RC-12K. Time: 2,170 Hrs.

Salter, David E., (1LT) (M88) 418-K Halawa View Loop, Honolulu, HI 96818. Dy: (808) 656-1004. Res: (808) 863-2190. S: Charlene, Dy: Maintenance Pl Leader/UP-1 Maint Test Pilot, E214th Avn Regt. Rtg: AA/TP. Maint Crs: UH-1. Ssl Crs: MIL. Time: 375 Hrs.

Salteto, Vito Sam, (CPT) (M87) HHC, 1/160th SOAR (ABN), Fort Campbell, KY 42223. S: Polly. Qual: UH-60A. Time: 700 Hrs.

Samborn, Scott E., (CPT) (M89) HHT Troop, 4th Squadron, 2 ACR, P.O. Box 10345, APO New York 09092-0216. S: Sandra, Dy: S-4, Feucht AAF, W. Germany. Rtg: AA. Qual: AH-1S. Time: 600 Hrs.

Sasser, William E., (2LT) (M91) (Bil) 96 Black Hawk Drive, Daleville, AL 36322. Dy: (205) 255-3311. Res: (205) 598-6488. Dy: Attack Platoon Leader, 3-229th AHB, Ft. Hood for deploy to Ft. Bragg. Time: 160 Hrs.

Satterlee, Steven K., (CPT) (M90) 36 Kirby, Fort Rucker, AL 36362. Res: (205) 598-2687. S: Susan. Dy: E-1-145th.

Savage, Wade R., (CPT) (M85) G Company, 4th Aviation Regiment, APO New York 09111. Res: (0671)-68017. S: Ronda, Dy: Assistant Brigade S-4, 4th Avn Regt, Mainz, HHC. Rtg: AA/TP. Maint Crs: UH-1, UH-60, OH-58. Qual: UH-60A. Time: 950 Hrs./Cdt 75 Hrs. AMV.

Sayer, Roy L., (CPT) (M89) 1146 New Drennan Park, No. 6, Fort Campbell, KY 42223. Dy: (502) 798-4896. Res: (615) 431-3691. S: Maureen. Dy: Commander, D Co, 6-101 Avn Regt. Rtg: AA/TP. Maint Crs: OH-58. Qual: AH-1.

Scantlin, Michael T., (CPT) (M87) (Mike) 22-F Woodbrook Drive, Rome, NY 13440-0460. Dy: (315) 330-7221. Res: (315) 339-2960. S: Susan. Dy: Asst S-3, 10th Avn Bde. Time: 650 Hrs.

Scantlin, Donald L., (CPT) (M86) 2321 North Knoll, Beaverbrook, OK 45431. Dy: (513) 255-8969. Res: (513) 426-3737. S: Cathy, Dy: Pilot, Air Force Institute of Technology. Rtg: SAA/TP. Maint Crs: UH-60, Qual: OH-6, UH-60. Time: 1,500 Hrs.

Scheffner, Jill R., (2LT) (M90) (M) 109 Brian Court, Daleville, AL 36322. Dy: (205) 255-3311. Res: (205) 598-5241. Dy: Fort Rucker Flight School. Rtg: AA. Maint Crs: UH-1. Time: 80 Hrs.

Schandorf, Roy J., (CPT) (M81) 204 White Oak Bend, Ozark, AL 36360. Dy: (205) 255-2160. Res: (205) 774-5030. S: Yvonne. Dy: USAF/AVC, Asst TSM-Comanche (RAH-66). Rtg: SAA/TP. Qual: AH-1S. Time: 1,100 Hrs.

Schneck, James R., (1LT) (M88) (Jim) B Company, 1501 Aviation, APO San Francisco 96271. S: Lisa, Dy: Plt Ldr. Rtg: AA. Maint Crs: UH-60. Qual: UH-60A. Time: 700 Hrs.

Schneerbauch, H. Ben, (2LT) (M91) Route 2, Box 47, New Brooklyn, AL 36551. Res: (205) 894-5161. S: Becky, Dy: D Co, 1-145th AVOCB & E Co, 1-145th Avn (Flight School).

Schoelkopf, David E., (CPT) (M87) HSC Task Force Warrior, 12th Avn Bde, APO New York 09457. S: Desi, Dy: S-4P80, Task Force Warrior. Rtg: AA. Qual: CH-47D. Time: 425 Hrs./Cdt 6

Schwartz, Vernon O., (CPT) (M88) 35 East Harris, Fort Rucker, AL 36362. Dy: (205) 255-6056. Res: (205) 598-6105. S: Christine. Dy: F970, C Co, 1-223, 1st ABT. Rtg: AA/TP. Time: 1,600 Hrs.

Schulz, Nancy A., (1LT) (M84) 725 Jane Drive, Charlottesville, TN 37040. Dy: (502) 798-5717. Dy: Plt Ldr, 7701 Avn, Fort Campbell, KY. Rtg: SAA/TP

S Aviation Officer Directory

FE. Qual: CH-47D. Time: 1,500 Hrs.

Schulz, Robert R., (CPT) (M86) (Bob) R Troop, 4th Squadron, 2nd ACR, APO New York 09092. Dy: ETS 461-4824. Res: 011-49-911604186. S: Hts. Dy: Asst Hqpt Trp Cdr, Feucht AAF, Nuremberg, Germany. Rtg: AA. Qual: AH-1S. Time: 1,170 Hrs./Cdt 90 Hrs.

Schulze, Theodore S., (CPT) (M85) (Gadget) 919 South Quincy Street, Hinsdale, IL 60521. Res: (708) 323-4301. S: Elisabeth, Dy: S-1, 5-17 Cav, South Korea. Rtg: SAA/TP. Qual: AH-1S. Time: 1,474 Hrs.

Schuneweid, Kent N., (CPT) (M85) (Swany) 2080 B Redwing Place, Kirtland AFB, NM 87118. Res: (505) 265-6593. S: Lori, Dy: MBA Student, Univ of NM. Rtg: AA/TP. Maint Crs: UH-1 FW. Time: 1,300 Hrs.

Schwartz, Thomas E., (1LT) (M89) (Tom) 1610 North 22nd Street, Killeen, TX 76541. Dy: (817) 288-3537. Res: (316) 722-1716. S: Angela, Dy: A Co, 5-229th Avn, Fort Hood, TX. Rtg: AA. Qual: OH-58. Time: 400 Hrs./Cdt 35

Sealey, Samuel J., (CPT) (M89) (Sam) 4513 Nelson, St. Louis, MO 63121. Dy: (314) 263-3290. S: Deirdre J. Dy: HQ AVSCOM, St. Louis, MO. Rtg: AA. Qual: AH-1S. Time: 800 Hrs.

Seise, Alan, (1LT) (M90) (Alan) HHC 4th Brigade, 2-3 Aviation Regiment, APO New York 09182. Dy: ETS 352-7303. S: Cecilia. Time: 490 Hrs.

Selph, Daniel C., (CPT) (M87) (Dan) 1112 Royal Crest Drive, Killeen, TX 76542. Dy: (817) 287-6227. Res: (817) 554-5472. S: Cindy, Dy: HST, 3rd Sqdn, 8th Cav, 8th Cavalry (AC), Fort Hood, TX. Rtg: AA. Qual: AH-64A. Time: 650 Hrs.

Senters, Michael, (CPT) (M87) 882 Sanfilippo Drive, Fayetteville, NC 28314. Res: (919) 487-2977. S: Doris, Dy: 4-17 Cav, Fort Bragg, NC. Rtg: AA. Qual: AH-1S, OH-58. Time: 1,000 Hrs.

Serota, Brian K., (2LT) (M91) 201 Holman Bridge Road, Daleville, AL 36322. Dy: (205) 255-3787. Res: (205) 598-6264.

Servold, Gary M., (CPT) (M88) 3440 Hickory Hill Drive, Colorado Springs, CO 80906. Dy: (719) 691-3635. Res: (719) 540-0529. S: Jane, Dy: Asst Div Avn Off, 40JMD.

Sevill, Robert D., (CPT) (M85) (Bob) 105 Patricia Lane, Daleville, AL 36322. Dy: (205) 255-6398. Res: (205) 598-5264. S: Sara, Dy: Cdr, Air Assault School, D Co, 1-10th. Rtg: AA. Time: 880 Hrs.

Shamblin, Darryl T., (CPT) (M89) Wings of the Marie VP Mem, Box 195, HHC S-3 Aviation, APO New York 09182. S: Jennifer, Dy: Bn S-4. Qual: OH-58. Time: 1,049 Hrs.

Shelton, Mark L., (CPT) (M90) Rhine Valley Chap. Treas, HHQ, 70th Trans Bn (AVIM), APO New York 09028. S: Beverly, Dy: HHC Commander, Coleman Barracks, Germany. Rtg: AA. Maint Crs: UH-1. Time: 850 Hrs. Treas, Rhine Valley Chapter.

Shank, Michael L., (1LT) (M88) C Company, 7-158th Aviation, APO New York 09457. Dy: 00149-611-7055618. Res: 00149-611-721369. S: Julianne B. Dy: Plt Ldr, 2nd Flt, Wiesbaden, Germany. Rtg: AA. Qual: UH-60A. Time: 475 Hrs./Cdt 50, AMV.

Shenlock, Nancy J., (CPT) (M83) (Nancy) 1707 Mabry Mill Road, Houston, TX 77082-2087. Dy: (713) 483-8710. Res: (713) 285-5835. Dy: Astronaut,

NASA-JSC. Rtg: SAA S/P. Maint Crs: UH-1 OH-58 U-21. Time: 2,700 Hrs.

Shifflett, Michael, (CPT) (M90) (Mike) P.O. Box 3341, Fort Leavenworth, KS 66027. Dy: (913) 684-4011. S: Cricket, Dy: Cdt Devt Analyst, FA49, Scenario & Wargaming Center. Rtg: AA. Qual: CH-47D. Time: 630 Hrs. Past Vp, Mount Rainier Chapter.

Shirley, Robert G., (1LT) (M90) 435 Hallwanger Boulevard, Fayetteville, NC 28314-1222. Dy: (919) 432-2889. Res: (919) 487-4514. S: Bobbi, Dy: Asstt S-3, 1/17 Cav, Ft. Bragg. Rtg: AA. Maint Crs: UH-1 AH-1. Qual: AH-1S. Time: 700 Hrs.

Shoop, Brian P., (CPT) (M87) 291 Shadford Boulevard, Fayetteville, NC 28314-1222. Dy: (919) 432-2889. Res: (919) 487-4514. S: Bobbi, Dy: Asstt S-3, 1/17 Cav, Ft. Bragg. Rtg: AA. Maint Crs: UH-1 AH-1. Qual: AH-1S. Time: 700 Hrs.

Simmons, James M., (CPT) (M84) (Mike) 105 Harland Creek Drive, Enterprise, AL 36330. Dy: (205) 255-3344. Res: (205) 347-7776. S: Susan, Dy: Advanced Course Small GP Instructor, Ft. Rucker, AL 36362. Rtg: SAA. Qual: AH-1S. Time: 1,500 Hrs./Cdt 6 Hrs.

Simoni, Wayne S., (CPT) (M88) E Troop, 3-4 Cavalry, Bn 18, APO New York 09702. Dy: Cdr, E Troop, Schweinfurt, Rtg: AA. Qual: AH-1S, OH-58, UH-1H. Time: 900 Hrs.

Singer, Bennett E., (1LT) (M87) HHC 34 Aviation, APO New York 09185. Dy: Asst Bde S-4, Finthen Army Airfield, Mainz, Germany. Rtg: AA. Qual: AH-1F.

Singleton, William L., (CPT) (M84) (Bill) 603 Ridgewood Drive, Rome, NY 13440. Dy: (315) 330-2567. Res: (315) 339-1852. S: Vicki, Dy: HHC 10th Avn Bde, Ft. Drum, NY. Rtg: AA/TP. Maint Crs: AH-1. Qual: AH-1S. Time: 691 Hrs.

Slagle, Joel J., (1LT) (M88) C Company, 3227th AHS, Box 15, APO New York 09165. Dy: 06183-322-7526. Res: 06181-74473. S: Kimberly, Dy: Asst Plt Ldr, Hanau Germany. Qual: AH-64A. Time: 300 Hrs./Cdt 25

Slappey, George M., (1LT) (M89) (Matt) D Company, 1-501 Avn(S), Box 349, APO San Francisco 96301-0011. Dy: Detachment Cdr, Camp Walker, Korea.

Slattery, Michael P., (1LT) (M88) (Stats) 572 Als Lane, Clarksville, TN 37042. Dy: (502) 798-6633. Res: (615) 645-3407. S: Karen, Dy: MH4EM/H60K Test & Eval Off, HHC 160th SOAR (ABN). Rtg: SAA/TP. Qual: CH-47D, MH-47D, UH-60A. Time: 2,300 Hrs.

Smith, Cory R., (1LT) (M90) 80187 Kerde Road, Covington, LA 70433. Res: (504) 898-0476. S: Susan.

Smith, Dennis D., (1LT) (M89) 19 Donovan Lane, Fort Rucker, AL 36362. Dy: (205) 255-2546. Res: (205) 598-4858. S: Terri, Dy: Scout Plt Leader, B Co, 2-229th ATNAB. Rtg: AA. Time: 446 Hrs./Cdt 48

Smith, Eric E., (CPT) (M90) (Eric) 3224 Windbreak Circle, Manhattan, KS 66502. Dy: (913) 239-6750. Res: (913) 539-0869. S: Leslie, Dy: Co Cdr, E4-1st, Ft. Riley, KS. Rtg: AA. Maint Crs: AMOC. Qual: UH-60A. Time: 1,150 Hrs./Cdt 60

Smith, Jay O., (CPT) (M82) 3746 Golden Eagle Loop SE, Olympia, WA 98503. Dy: (206) 967-3027. Res: (206) 436-1325. S: Jackie, Dy: Asst HHT 9th Cav Bde, 9th ID, Fort Lewis. Rtg: AA. Maint Crs: UH-60. Qual: UH-60A. Time: 550 Hrs.

Smith, Jay W., (CPT) (M83) HHT, 4th Squadron, 2nd ACR, APO New York 09092. Dy: Asst S-3, HHT 42 ACR, Feucht AAF, Nuremberg. Rtg: SAA. Qual: UH-60A. Time: 1,200 Hrs.

Smith, Kenneth R., (CPT) (M89) 5066 Wainwright Drive, Fort Hood, TX 76544-1337. Dy: 1-3 AVN/240, Fort Hood, TX.

Smith, Patrick B., (2LT) (M81) (Pat) P.O. Box 620027, Fort Rucker, AL 36362. Res: (205) 383-6190. Dy: Flight Student, Ft. Rucker, AL.

Smith, Robert T., (CPT) (M80) (Ted) 2202 Edgelynn Drive, Killeen, TX 76542-3337. Dy: (817) 287-7634. Res: (817) 554-2530. S. Julie. Dy: S2 Combat Aviation Brigade, 1st Cav. Div.

Smith, Stephen C., (CPT) (M85) (Smity) 25 Logan Street, Fort Rucker, AL 36362. Dy: (205) 255-3551. Res: (205) 598-6689. S. Ann M. Dy: Company Commander, C/3-229th Attack Hqtr Bn, A1B, Ft. Hood, TX. Rtg: AA IP. Qual: AH-1S, AH-64A. Time: 1,400 Hrs.

Smith, Stephen T., (1LT) (M88) 112 Greenland Court, Clarksville, TN 37042. Dy: 8 Co, 5-101 Avn, Ft. Pitt. Ldr. Qual: UH-1. Time: 500 Hrs.

Smith, William J., (2LT) (M80) 799 Donnell Blvd., No. 38, Daleville, AL 36322. Dy: (205) 255-3311. Res: (205) 598-8439. Dy: E Co, 1-145 Avn, Flight School, Ft. Rucker, AL.

Smylie, Daniel R., (1LT) (M87) (Dan) H Co., 4th Avn. Regt., APO New York 09185. Dy: AV 334-3880. Res: 0611-74058. S. Kimberly. Dy: UH-60A, XO, 1st Army Airfield, Mainz-Finthen, W. Germany. Rtg: AA. Qual: UH-60A. Time: 300 Hrs.

Snyder, Deborah L., (1LT) (M89) (Debbie) Box 2369, APO New York 09009. Dy: 011-49-61706274. Res: 011-49-6352-8821. S. Donald. Dy: Avionics Platoon Ldr/Maintenance Test Pilot. Rtg: AA TP. Maint Cts: UH-1. Time: 375 Hrs. AMV.

Snyder, Warren, (2LT) (M81) #57 Forest Park, Dale Drive, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 383-2442. S. Sonya. Dy: E Co, 1-145th Avn Regt.

Soler, Nancy A., (CPT) (M88) Box 1552, I Co., 1st Avn. Regt., APO New York 09250. Dy: 4672-107. Res: 09802-832108. S. John. Dy: Army Aviator, Maint Test Pilot, Katterbach, GE. Rtg: AA TP. Maint Cts: UH-1H.

Solomon, Dempsey D., (CPT) (M83) (Dempsey) 103 Mohawk, Enterprise, AL 36330. Dy: (205) 255-6008. Res: (205) 393-1854. S. Cindy. Dy: Experimental Test Pilot, USAATTC, Fort Rucker, AL. Rtg: SAA TP. Maint Cts: UH-1. Qual: CH-47D. Time: 1,500 Hrs.

Soos, John A., (CPT) (M85) I Company, 4th Aviation, 8th Infantry Division, APO New York 09185. S. Ellen. Dy: I Co, 4th Avn, 8th ID, Mainz, FRG. Rtg: SAA TP. Maint Cts: UH-1. S. Sal Co. M. Time: 1,200 Hrs.

Squidling, Carolyn A., (CPT) (M87) Hunter AAF, P.O. 42054, Savannah, GA 31409. Dy: (912) 352-8030. Res: (912) 925-6153. Dy: Asst Ops Off, Avn Div, Hunter AAF. Rtg: AA. Time: 966 Hrs.

Sponsler, Jeffrey L., (1LT) (M88) Taurus Chapter VP Memb, E 5158 Avn Regt, Bx 705, APO New York 09039. Dy: Co Cdr.

Stains, Richard B., (1LT) (M89) (Rich) B Troop, 64 Cavalry, Box 554, APO New York 09140-2517. S. Jackie. Dy: AH-64A Skt Plt Ldr. Time: 600 Hrs.

Staley, Frank H., (CPT) (M85) P.O. Box 424, Fort Rucker, AL 36362. Dy: (205) 255-3020. Res: (205) 598-6788. S. Deborah. Dy: Combat Developments Officer, DCD, USAAWNC. Rtg: AA. Qual: AH-1S. Time: 250 Hrs.

Stanfield, Joseph E., (CPT) (M85) (Joe) 3867 Marquis Place, Woodbridge, VA 22192. Dy: (703) 325-2548. Res: (703) 590-0092. S. Anna. Dy:



Aviation Officer Directory

PERSINCOOM

Stanton, Stewart P., (1LT) (M89) (Stew) C Company, 1/2 Aviation Regiment, APO San Francisco 96324-0253. Dy: Plt Ldr, 2nd ID. Qual: AH-1S. Time: 700 Hrs.

St. Clair, Paul H., (CPT) (M86) 103 Oakview Circle, Enterprise, AL 36330-1589. Dy: (205) 255-9867. Res: (205) 347-1826. S. Donna. Dy: A Co, 1-14 Avn, Fort Rucker. Rtg: AA SIP. Qual: AH-1S. Time: 1,400 Hrs.

St. Jean, Albert C., (CPT) (M80) (Chris) Washington DC VP Prog., 574-B Fomey Loop, Fort Belvoir, VA 22060. Dy: (703) 664-3023. Res: (703) 799-4812. S. Sarah. Dy: S2/Intelligence Officer, Rtg: AA. Maint Cts: UH-1. Time: 1,100 Hrs.

Steed, Ray D., (CPT) (M80) 101 Eichelberger, Copper Cove, TX 76522. Dy: (817) 287-8103. Res: (817) 547-5277. S. Carol. Dy: Cdr, 8 Troop, 46 Avn, Fort Hood, TX. Rtg: AA. Qual: AH-64A.

Steele, Paul M., (CPT) (M86) AAAA NATI Memb-at-Large, 46 Meadowbrook, DeHidder, LA 70634. Dy: (817) 532-5652. Res: (318) 463-3633. S. Estela. Dy: Attack Helicopter Company Commander, Rtg: AA. Qual: AH-64A. Time: 870 Hrs. Life Member. NEB, Past VP, Washington DC Chapter.

Steele, Tie H., (CPT) (M83) HHC, 3d COSCOM (G1), APO New York 09457. S. Mary. Dy: Maint Test Pilot/Co Cdr, D Co, 2-227 ABN, 3d US West Germany. Rtg: AA TP. Maint Cts: UH-60. Qual: UH-60A. Time: 600 Hrs.

Stewart, Daniel S., (CPT) (M80) 5681 Dovekie Ave., Eads Beach, HI 96706. Dy: (808) 656-0996. Res: (808) 499-1122. S. Delane. Dy: Cdr 45th AIs Co, Schofield Barracks, HI. Rtg: AA. Qual: CH-47D. Time: 900 Hrs.

Stewart, Debbie, (CPT) (M82) 2720 Hubbard, Paris, TX 75460. Dy: (808) 656-2641. Res: (808) 637-4965. S. Jimmy C. Dy: Production Cnt Off, H Co, 25th Avn Regt, Schofield Barracks, HI. Rtg: SAA TP. Maint Cts: UH-1. Qual: UH-60A. Time: 1,300 Hrs.

Seller, Albert H., (2LT) (M91) 1603 E. Andrews, Apt. 24, Ozark, AL 36360. Dy: (205) 255-3311. Res: (205) 774-3834. S. Melissa. Dy: E/1-145th.

Sitz, Martin A., (CPT) (M84) (Martin) 2206 Redstone Drive, Killeen, TX 76542. Dy: (817) 287-7007. Res: (817) 554-3361. Dy: Asst S-3, 2-158th Avn Regt. Qual: CH-47D. Time: 507 Hrs.

Slinson, Dean K., (CPT) (M87) 2620 Phyllis Drive, Coppens Cove, TX 76522. Dy: (817) 288-9485. Res: (817) 542-5283. Dy: Installation Rt Detach, Cdr 2-1, C-12.

Stewart, William S., (CPT) (M85) (Scott) 2-1 Aviation, Box 3269, APO New York 09250. S. Carrie. Dy: Bn S-2, 2-1 Avn, 4 Bde, 1 AD, Katterbach, Germany. Rtg: AA. Qual: AH-1S AH-64A. Time: 750 Hrs./Cdt 10.

Stokes, David L., (CPT) (M85) (Dave) 103 Creek Court, Enterprise, AL 36330. Dy: (205) 255-2228. Res: (205) 383-2611. Dy: Bn S-1, Ft. Rucker, AL. Rtg: AA IP. Maint Cts: UH-1H. Time: 1,500 Hrs.

Storms, Russell L., (CPT) (M89) (Russ) 12 Fannie Morris Drive, Daleville, AL 36322. Dy: (205) 255-3341. Res: (205) 598-8201. S. Angie. Dy: E/1-13th, Fort Rucker, AL. Rtg: AA. Qual: UH-60A. Time: 500 Hrs.

Storv, Kurt S., (CPT) (M88) C/O The Berendsens, 9327 Windsor Lock Blvd., Columbia, SC 29223. S. Patricia.

Storv, William S., (CPT) (M86) (Peabody) HST 516 Cavalry, APO New York 09457. S. Lisa. Dy: Asst S-3, 56 Cav, Weisbaden AB, GE. Rtg: AA. Maint Cts: UH-1 OH-58 AH-64. Qual: AH-64A. Time: 700 Hrs.

Stout, Patricia A., (1LT) (M89) 101 Livingston, Apt. 206, Daleville, AL 36322. Dy: (205) 255-3344. Res: (205) 598-2740. Dy: AVDC, Fort Rucker, AL.

Stratman, Courtney J., (CPT) (M74) 1303 Willow Bend, Clarksville, TN 37043. Dy: (502) 798-5544. Res: (615) 645-4843. S. Colleen. Dy: F Company, 1st Bn 1-160th SOAR, Ft. Campbell, KY. Rtg: SAA IP SIP TP. Maint Cts: UH-60 UH-1. Qual: AH-1S, UH-60A, CH-47. Time: 4,200 Hrs. AMV.

Stroup, Chas. F., Jr., (CPT) (M81) (Chuck) Lindbergh Chap VP Mil Air, 40 Sunnyside Drive, St. Peters, MO 63376. Dy: (314) 452-4247. S. Jean. Dy: Cdr, Hqs Co, AVSCOM, Rtg: SAA TP. Maint Cts: UH-1 CH-47. Qual: CH-47D. Time: 1,100 Hrs.

Sturgeon, Michael S., (CPT) (M91) (Mike) 801 Melbourne Drive, Enterprise, AL 36330. Dy: (205) 255-3311. Res: (205) 383-5225. S. Placid. Dy: Avn Officer Adv. Course, Ft. Rucker, AL. Time: 160 Hrs.

Sublett, Chester A., (CPT) (M87) (Chet) High Desert Chapter Secy., 932 Mesquite Drive, Bartow, FL 32311. Dy: (819) 386-3086. Res: (819) 252-5442. S. Elizabeth. Dy: XO, C Co, 3159th AVN Regt, Ft. Irwin. Rtg: AA MTP. Qual: U-21. Time: 1,200 Hrs.

Sugrue, Jeffrey, (CPT) (M85) (Jeff) 2119 Snowbird Drive, Manhattan, KS 66502. Dy: (913) 239-2313. Res: (913) 537-0394. S. Jodi. Dy: Co Cdr, C Co, 4-1 Avn Bn, 4th Bde, 1st ID, Ft. Riley, KS. Rtg: AA. Maint Cts: AH-1 AMOC. Qual: AH-1S. Time: 875 Hrs./Cdt 30.

Sullivan, David W., (CPT) (M91) (Dave) 189 Lakewood Drive, Daleville, AL 36322. Dy: (205) 255-3303. Res: (205) 598-4340. S. Pat. Dy: XO, Dir. of Cdt. Devel. HQ, USAAWNC. Rtg: AA. Qual: CH-47D. Time: 1,106 Hrs.

Sullivan, James E., (1LT) (M88) Aloha Chapter VP Prog., 94-1428 Kulewa Loop, HC, Waiapahu, HI 96797. Dy: (808) 656-2558. Res: (808) 676-2949. S. Anneliese. Dy: 1st Flt Ldr, A4-25th Avn Regt.

Sundell, Fred P., (1LT) (M89) 1402 Noble Oaks Drive, Savannah, GA 31406-2636. Dy: (912) 352-6177. Res: (912) 355-2453. S. Judy. Dy: A Co, 224 MI Bn, HAAFP. Rtg: AA FW. Qual: RU-21, OV-10. Time: 900 Hrs.

Sutton, Douglas M., (CPT) (M83) (Doug) 31 Olsen Drive, Fort Rucker, AL 36362. Dy: (205) 255-2616. Res: (205) 598-9373. S. Monica. Dy: Cobra Branch Chief, Rtg: AA. Qual: AH-1S OH-58. Time: 980 Hrs./Cdt 13 AMV.

Swanson, Joe E., (CPT) (M86) 3200 West 30th, Silvester, OK 74074. Dy: (405) 624-0775. Res: (405) 624-0775. S. Terri. Dy: OK State Univ. Rtg: SAA IP. Maint Cts: UH-1H. Qual: AH-1S. Time: 1,050 Hrs.

Swadlow, Paul, (CPT) (M84) 8th MP Co, Box 163, APO New York 09111. Res: (205) 435-3535. Dy: 490-7048. S. Jan. Dy: Cdr, G Co, 4 Avn Regt, 808th, Bad Kreuznach, FRG. Rtg: AA TP. Maint Cts: OH-58. Time: 800 Hrs.

Szempuch, Robert J., (CPT) (M86) (Robt) 27 Olsen Drive, Fort Rucker, AL 36362. Dy: (205) 255-5708. Res: (205) 598-6882. S. Linda. Dy: A Co, 1/10 Avn

Regt. Avn Personnel Propensity. Rtg. AA. Time: 670 Hrs.



Talento, Michael J., (CPT) (M87) 1449 Hickory Point Road, Clarksville, TN 37043-8710. Dy: 001-972-3561-5773/2831. S: Tameia. Dy: MFO. Et: Gosh, Egypt. Qual: AH-64.

Taney, Thomas P., (CPT) (M88) 9801 Naomi Street, El Paso, TX 79927. S: Maria. Dy: ATC Platoon Leader, Camp Humphreys, Korea. Rtg: AA. Qual: AH-1S. Time: 485 Hrs.

Tanner, Charles K., (1LT) (M89) (Chuck) 202 Heritage Boulevard, Enterprise, AL 36330. Dy: (205) 255-4623. Rtg: Cdr. 347-5823. S: Lola. Dy: Detachment Cdr, Fort Rucker, AL. S: Det: MIL. Time: 1,700 Hrs.

Tanbini, Jerome M.M., (CPT) (M87) 94-1183 Kipa A Place, No. B, Waipahu, HI 96797. Dy: (808) 656-1258. Res: (808) 677-1220. Dy: Company Commander, Co. 4-25th Avn Regt. Rtg: AA TP. Maint Cn: UH-1H. S: S: MIL. Qual: UH-60A. Time: 650 Hrs.

Taylor, Anthony D., (CPT) (M90) (Tony) P.O. Box 2792, USAF, APO New York 09204. Dy: AV 675-1110/2071. Res: 90-51-210-914. Dy: Land-southwest Aviation Detachment, Ismir, Turkey. Rtg: AA. Maint Cn: UH-1 FV.

Taylor, Barry P., (CPT) (M85) 102 Pratt Drive, Enterprise, AL 36330. Dy: (205) 255-4914. Res: (205) 393-2144. S: Pam. Dy: XO, 1-223rd Avn. Rtg: AA. Time: 488 Hrs.

Taylor, Christopher, (CPT) (M87) (Chris) 15638 Burwood Road, Victorville, CA 92392. Dy: (951) 386-3085. Res: (951) 241-8318. S: Danna. Dy: Ops Off. Co. 3/159 Avn Regt. R. Irwin, CA. Rtg: AA. Qual: AH-1S. Time: 1,200 Hrs.

Taylor, Kenneth R., (CPT) (M88) (Ken) A Co, 1st Bn, 501st Avn, APO San Francisco 96301. Dy: Comp XO. Rtg: AA TP. Maint Cn: UH-1. Time: 750 Hrs.

Taylor, Mark C., (1LT) (M87) 414 Baumann Drive, Killeen, TX 76543. Dy: (817) 287-4852. Res: (817) 628-2478. S: Jill. Dy: LNO/Asst S-3, 1/227 Avn Regt, 1st Cav Div, Ft. Hood. Rtg: AA. Qual: AH-64A. Time: 460 Hrs.

Tellus, Jodi S., (CPT) (M91) 106 Courtland Drive, Enterprise, AL 36330. Dy: (205) 255-2414. Res: (205) 347-0622. S: Scott. Dy: UH-1H IP/Exec. Officer, B Co, 1/212th Avn, Ft. Rucker, AL. Time: 1,510 Hrs.

Tenbury, Michael J., (CPT) (M87) 333 Glen Road North, Rome, NY 13440. Dy: (315) 330-7226. Res: (315) 339-0303. S: DewAnn. Dy: 10th Avn Bde, Fort Drum, NY.

Tewes, Laura L., (CPT) (M86) (Laura) 501 Troops Drive, Enterprise, AL 36330. Dy: (205) 255-4414. Res: (205) 347-5892. S: Vincent. Dy: Cdr, CHD, 1-223rd Avn BN. Rtg: AA. Time: 625 Hrs.

Theiler, Hugh A., (2LT) (M91) (Huey) CMR 2, Box 13036, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 598-5069. Dy: Army Aviation, IERW E Co 1-145, Fort Rucker, AL. Time: 39 Hrs.

Thomas, Brian L., (CPT) (M89) (Brian) 569 McNaught Avenue, Roy, WA 98580. Res: (509) 843-1642. S: Theresa. Dy: Asst S-3, HHC, 4th Bde, 1st AD. Qual: AH-64A. Time: 550 Hrs.

Thomas, Kelly J., (CPT) (M83) 7871 Godolphin Drive, Springfield, VA 22153. Dy: (703) 325-8156. Res: (703) 456-9218. S: Sue. Dy: Aviation Management Officer, 2nd Army Personnel Cmd. Rtg: SAA.



Aviation Officer Directory

Qual: AH-1S. Time: 1,800 Hrs./Cbt 32

Thome, Michael N., (CPT) (M83) 3201 Nottingham Lane, Coles, IL 32226. S: Selma. Rtg: AA P. Qual: AH-64. Time: 1,500 Hrs./Cbt 75 Hrs. AM/1.V.

Thompson, Brian L., (2LT) (M89) P.O. Box 73214, Fort Bragg, NC 28307-3214. Dy: (919) 432-6088. Res: (919) 436-3582. Dy: 1st Bn, 82nd Avn Bde. Rtg: AA. Qual: OH-58A/C. Time: 200 Hrs.

Thompson, John W., (1LT) (M88) (J.T.) O Troop, 422 ACR, P.O. Box 10108, APO New York 09092-0216. S: Lashelle. Dy: Scout Plt Ldr, Air Cav Tpt, Feucht Army Airfield, Nuremberg, Germany. Rtg: AA. Qual: ETS 4614-823. Res: 0911-1884704. Time: 750 Hrs./Cbt 50 Hrs. AM/1.

Thompson, Ralph C., (1LT/Plt) (M89) HHC, 4th Brigade, Box 55, APO New York 09162. S: Patti. Dy: Bde Asst S-3, Gabelstadt AAF, Germany. Rtg: AA. Qual: AH-1S. Time: 650 Hrs.

Thrash, Christopher, (1LT/Plt) (M87) 322 N. Division Street, Salisbury, MD 21801. Res: (301) 749-1398. Dy: AVNOAC, Ft. Rucker, AL. Rtg: AA. Qual: AH-1S. Time: 690 Hrs.

Tinkler, Bobby R., (CPT) (M89) (Ray) 7730 Middle Valley Drive, Springfield, VA 22153. Dy: (703) 664-1581. Res: (703) 455-0724. S: Frances. Dy: Avn Systems R&D Coord., CECOM Ctr for Night Vision & Electro Optics. Rtg: AA. Qual: AH-1S. Time: 1,200 Hrs.

Tisdale, Valen S., (1LT) (M87) (Val) 938 London Green Way, Colorado Springs, CO 80906. Dy: (719) 579-2753. Res: (719) 540-9373. S: Lisa A. Dy: Aeroscout Plt Ldr, A Co, 1-4 Avn Regt, Fort Carson, CO. Rtg: AA. Time: 500 Hrs.

Tobin, Vincent M., (CPT) (M88) (Vince) HHT 6-6 Cavalry, Box 331, APO New York 09140-1917. S: Karla. Dy: S-1 Adjutant, Ilesheim, GE. Rtg: AA. Qual: AH-64A. Time: 325 Hrs.

Todd, Maurice L., (CPT) (M82) (Lin) 3716 Williams Lane, Chevy Chase, MD 20815. S: Gwyneth. Dy: Defense Intelligence Agency, Washington, DC. Rtg: AA. Maint Cn: UH-1 OH-47. Time: 800 Hrs.

Tofani, Josephine A., (2LT) (M88) 117-A Keyes Avenue, Westtown, NY 13601. Dy: (315) 772-6333. Res: (315) 782-8821. S: Peter. Dy: Plt Ldr C, B-25 AHB, Ft. Drum, NY. Qual: UH-60A. Time: 375 Hrs.

Tollison, Hubert E., (CPT/Plt) (M83) (Bert) Alpha Chapter VP Renewals, HHC Avn Bde, Box 889, Schofield Barracks, HI 96867-6052. Dy: (808) 656-2765. Res: (808) 682-1327. S: Martha. Dy: Asst Bde S-3. Qual: AH-1S.

Tolmachev, Mark A., (CPT) (M88) (Hawk) 2063 Anila Place, Pearl City, HI 96782. Dy: (808) 656-1355. Res: (808) 456-8508. Dy: Plt Ldr C, 5-9 CAIV, Schofield Bks. Rtg: AA. Qual: AH-1S. Time: 720 Hrs.

Toon, David A., (2LT) (M90) 2508 Transit Drive, Killeen, TX 76543-5902. Dy: (817) 287-3226. Res: (817) 634-0389. S: Deena. Dy: HHT 1-6 Cavalry, 6th Cav Bde, Ft. Hood, TX 76544.

Toth, David A., (1LT) (M88) (Wheel) P.O. Box 5693, Fort Hood, TX 76544. Dy: (817) 288-3915. Res: (817) 532-5659. Dy: Bn Avn Liaison Off, 1/5 Avn Regt (AB) 5th. Rtg: AA. Time: 550 Hrs.

Touchet, Joseph E., (1LT) (M88) 304 Meadowgreen Drive, Clarksville, TN 37040. Dy: (502) 798-6213.

Res: (615) 552-3706. S: Caroline. Dy: XO, HHT 2-17 U.S. Cav, Ft. Campbell, Rtg: AA. Qual: UH-60A. Time: 1,120 Hrs.

Tournajan, Juliana L., (1LT) (M88) (Julie) 661-11 Bartons Landing, Fayetteville, NC 28314. Dy: (919) 396-6008. Res: (919) 487-0886. S: Stephen A. Dy: S-1, 417 Cav Sqdn, Fort Bragg, NC. Rtg: AA. Qual: UH-60A. Time: 450 Hrs.

Tournajan, Steven A., (CPT) (M89) (Steve) 661-11 Bartons Landing, Fayetteville, NC 28314. Res: (919) 487-0886. S: Juliana. Dy: Plt Ldr, EH-60, C Co, 282nd Avn Bde, Fort Bragg, NC. Rtg: AA. Qual: UH-60A, EH-60. Time: 700 Hrs./Cbt 50 Hrs. AM/1.

Townsend, Kristen L., (2LT) (M91) 109 Brian Court, Daleville, AL 36322. Dy: (205) 255-3311. Res: (205) 598-5241. Dy: Student Pilot, E/1-145, Fort Rucker. Time: 88 Hrs.

Townsend, Scott A., (CPT) (M84) (Scotty) 816 Ringold Street, Wahiawa, HI 96786-3834. Dy: (808) 656-1311. Res: (808) 624-9426. S: Pamela. Dy: Tpt Cdr, B Tpt, 5th Sqdn, 9th Cav, Schofield Barracks, HI. Rtg: AA. Qual: AH-1S. Time: 600 Hrs.

Trankovich, John J., (CPT) (M90) (Frank) 1806 Pleasant Lane, Copperas Cove, TX 76522-1236. S: Cathery. Dy: Cdr, HHC 1st Bn, 1st Avn Regt, 1st ID(M), Qual: AH-1S AH-64A. Time: 775 Hrs./Cbt 33

Trankovich, Joe M., (2LT) (M90) 110 Lightfoot Drive, Enterprise, AL 36350. Dy: (205) 255-3311. Res: (205) 347-7200. S: Jenni. Dy: Student Pilot Training, Ft. Rucker, AL. Time: 310 Hrs.

Trivette, Michael R., (CPT) (M81) 1733 Northridge Lane, Frederick, MD 21702. Dy: (301) 663-7184. Res: (301) 696-1351. Dy: Chief Budget Branch, Medical Research & Devt Cmd. Time: 1,506 Hrs.

Trotman, Dawn M., (1LT) (M88) (Charlie) 554 Sore Creek Ridge, Building 302, Marietta, GA 30068-5065. Rtg: AA. Qual: UH-60A.

Truett, Terry L., (2LT) (M91) 15F Wood Creek Drive, Rome, NY 13440. Dy: (315) 330-3482. Res: (315) 339-2843. S: Stephanie. Dy: A/2-25th AHB Griffiss AFB. Qual: AH-1S. Time: 185 Hrs.

Trujillo, Howard L., (CPT) (M89) 5718-1 Friedman Street, Fort Hood, TX 76544. Dy: (817) 287-4124. Res: (817) 539-4174. S: Sherry. Dy: B/2-88th Avn Regt (A1S), Fort Hood, TX. Time: 225 Hrs./Cbt 13 AM/1.

Trumbull, Harry E., (CPT) (M88) 103 Candlewood Drive, Enterprise, AL 36330. Dy: (205) 255-5917. Res: (205) 333-1601. S: Debra. Dy: HHD, 1-121th Avn, ATB, Ft. Rucker. Rtg: SAA P. Time: 2,250 Hrs.

Tullis, Bruce J., (1LT) (M91) P.O. Box 35246, Fort Walworth, AK 99703-0246. Dy: (907) 353-6530. Res: (907) 452-6106. S: Lana. Dy: C-228 Avn, Fort Walworth, AK. Qual: CH-47D, UH-1. Time: 250 Hrs.

Tulloch, Stephen E., (CPT) (M89) (Steve) 135 North Harris, Fort Rucker, AL 36362. Dy: (205) 255-4913. Res: (205) 598-5499. S: Pamela. Dy: Avn Propensity Off, Fort Rucker, AL. Rtg: AA. Qual: AH-1S. Time: 325 Hrs.

Turnan, Thomas S., (2LT) (M91) (Tom) 14 Johnson Street, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 598-0035. S: Tiffany. Dy: Permanent address: 1600 Colman St, Barabourville, WV 25504. Time: 120 Hrs.

Turner, Richard J., (CPT) (M87) (Rich) 2508 Nutmeg, Manhattan, NJ 06502. Dy: (617) 239-3983. Res: (315) 776-0613. S: Amye H. Dy: Plt Ldr, F Co, 1st Avn, Fort Riley, KS. Rtg: AA MTP. Maint Cn: UH-1. Time: 500 Hrs./Cbt 50

UUUUU-WWW

Unrath, Craig S., (2LT) (M91) 1603 E. Andrews Avenue, Apt. 38, Ozark, AL 36360. Dy: (205) 255-3311. Res: (205) 774-3903. S: Melissa. Dy: E71-145th Avn Regt. Ft. Rucker, AL. Rtg. AA. Qual: AH-1S. Time: 425 Hrs.

Upchurch, Jeffrey A., (CPT) (M65) (Jeff) 106 Harland Creek Drive, Enterprise, AL 36330. Dy: (205) 255-3160. Res: (205) 347-4789. S: Pam. Dy: Officer Management, Office of Adjutant General. Qual: AH-1S. Time: 840 Hrs.

Vacula, Paul B., (2LT) (M91) 33 Mustang Street, DeFidder, LA 70634. Dy: (408) 531-2141. Res: (408) 463-2545. S: 2LT Susan A. Dy: HHT/3-1 Cav, Ft. Polk, LA. Qual: OH-58. Time: 170 Hrs.

Van Beek, Robert J., (CPT) (M89) (Bob) 2009 Werner Park, N.B. Fort Campbell, KY 42223-1197. Dy: (502) 796-5129. Res: (615) 431-3244. S: Nancy. Dy: HHC, 5-101, 101st Air Assault. Rtg. AA. Qual: UH-60A. Time: 800 Hrs.

Vandenbrook, Scott P., (CPT) (M89) (Scott) 17 I-ten Street, Fort Rucker, AL 36362. Dy: (205) 255-3102. Res: (205) 598-4312. S: Mindy Lou. Dy: TEXCOM Avn Board. Rtg. AA. P. Maint. Crs: UH-1H, FW, OH-58. Time: 2,300 Hrs.

Vaslager, Christopher, (CPT) (M89) (Chris) USAFOTCIG, The Citadel, Charleston, SC 29409. Dy: (803) 792-5040. Res: (803) 881-6767. S: Dorren. Dy: Asst Prof of Military Science, Cadet AAAAA Advisor.

Venus, Helga, (CPT) (M87) Box 23, 45th Med Co (AA), 120th Medical Battalion, APO New York 09616. Dy: Maint Test Pilot. Rtg. AA. P. Maint. Crs: UH-60. Qual: UH-60A. Time: 1,250 Hrs. Cdt 57

Veselicky, Frank, (CPT) (M89) (Ves) 107 Blancas Drive, Copperas Cove, TX 76522-1634. Dy: (817) 287-0314. Res: (817) 547-0402. S: Tami. Dy: DFI-227 Avn, 1st Cav Div. Rtg. AA. Maint. Crs: TP. S. Dy: Cn: UH-60. Qual: UH-60A. Time: 680 Hrs.

Vincent, Gary A., (CPT) (M83) 28 Boyce Lane, Fort Rucker, AL 36362. Dy: (205) 255-4505. Res: (250) 598-1277. S: Norma. Dy: Academic Instructor, USAFAMC, Dept of Tactics & Simulation. Rtg. SAA. Maint. Crs: PW. Time: 1,130 Hrs.

Viola, James A., (CPT) (M65) A Company Commander, 5-501st Aviation (Attack), APO San Francisco 96397-0420. Dy: 721-2010. Res: 721-2548. S: Sophia. Dy: Cdr A Co, Korea, H401. Rtg. AA. S. Dy: Mil. Qual: AH-1S. Time: 1,500 Hrs. Life Member.

Vissotzky, David A., (CPT) (M82) C Company, 5-501st Aviation, APO San Francisco 96397-0420. S: Andrea. Dy: Asst Hqst Co Cdr, Camp Eagle, R.O.K. Rtg. AA. Qual: AH-1S, OH-6, UH-1. Time: 1,500 Hrs. Past Time, Chesapeake Bay Chapter.

Voytek, Thomas M., (CPT) (M91) (Tom) 301 Fairfield Drive, Enterprise, AL 36330. Dy: (205) 255-3344. Res: (205) 383-0312. S: Geraldine. Dy: Student. Time: 700 Hrs.

WWWWWWWWW

Wagner, Janice L., (2LT) (M90) Route 3, Lot 209, Holiday Village, Enterprise, AL 36330. Dy: (205) 255-5226. Res: (205) 347-0551. S: Michael. Dy: E71-145th. Rtg. AA. Time: 140 Hrs.

Waite, John M., (CPT) (M85) 108A Harrison Drive, Daleville, AL 36322. Dy: (205) 255-2414. Res: (205) 383-1657. Dy: B Co, 1-212 Avn Regt. Maint. Crs: UH-1 P. Qual: AH-1S. Time: 1,500 Hrs.

W Aviation Officer Directory

Wallace, Kevin P., (CPT) (M88) P.O. Box 1312, Rosepine, LA 70669. Dy: (318) 531-1246. Dy: S-4EH-60 Test Pilot, 3/5 Avn Bn, Fort Polk. Rtg. AA. P. Qual: UH-60A, EH-60. Time: 800 Hrs.

Walker, Henry HUI, (CPT) (M81) (Bucky) 1111 Tyler Drive, Copperas Cove, TX 76522. Dy: (817) 288-9019. Res: (817) 542-2362. S: Valerie. Dy: Avn Maint Off, A Co, 15th MI Bn, Ft. Hood. Rtg. SAA. P. Maint. Crs: UH-60 UH-1. Qual: UH-60A. Time: 1,600 Hrs./Cdt 40 Hrs. AM/1.

Walsh, Guy J., (CPT) (M84) 3349 Pinegrove, Huntsville, TX 77340. Dy: (409) 295-3669. Res: (409) 294-0540. S: Karen. Dy: Asst Professor of Military Sci, Sam Houston State Univ. Rtg. AA. Time: 355.

Walter, Carolyn H., (CPT) (M89) HHC 4-501st Avn, APO San Francisco 96208-0250. Dy: SA, 4-501st Avn, Camp Page, Korea. Time: 650 Hrs.

Wardlaw, David E., (CPT) (M87) (Dew) H Co, 1st Avn Regt., Box 1841, APO New York 09250. S: Leslie. Dy: Cdr, Forward Avn Maint Co (AVUM), TF Phoenix, 1st Avn Regt. 1AD, Rtg. AA. P. Maint. Crs: UH-60. Qual: UH-60A. Time: 900 Hrs.

Wargacki, Darin W., (2LT) (M89) PSC Box 167, APO Miami 34001-5000. Dy: Aviation Executive Officer, Rtg. AA. Maint. Crs: UH-1 FWF. S. Dy: Mil. Time: 505 Hrs.

Warner, Harland C., (CPT) (M81) (Chris) 12 Cutler Court, Savannah, GA 31419. Dy: (912) 352-6441. Res: (912) 925-5258. S: Karen. Dy: Cdr, HSC/224th MI BN (AE), Hunter Army Airfield, Rtg. AA. Maint. Crs: UH-1 FWF. Time: 1,400 Hrs.

Warner, Kurtis L., (2LT) (M90) 22 Fowler Lane, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 598-2812. S: Barbara. Dy: E71-145th.

Wattack, George R., (1LT) (M88) C Company, 1/228 Aviation Regiment, APO Miami 34006-5000. Rtg. AA. Maint. Crs: CH-47. Qual: CH-47D. Time: 530 Hrs.

Watson, Richard G., (2LT) (M90) (G) PSC Box 47, APO Miami 34001. Dy: (507) 284-3366. Res: (507) 284-4230. Dy: P. Lt. Rtd. (Pilot), A Co, 1-228th Avn. Qual: UH-60A. Time: 220 Hrs.

Watts, Bobby W., (2LT) (M90) (Bob) 155 Lakeside Drive, Daleville, AL 36322. Dy: (205) 598-1195. Res: (606) 885-5719. S: Missy. Dy: E Co, 1-145th.

Watwood, John R., (1LT) (M91) 3508-B Cadet Sheridan Rd., Wahiawa, HI 96786. Dy: (808) 656-2767. Res: (808) 624-6031. S: Pam. Dy: AVN UH-60, HHC AVN BDE, 25th AVN BDE, 250th. Qual: UH-60A. Time: 331 Hrs.

Weaver, David J., (2LT) (M91) (Dave) 1641 Desert Flower Drive, Las Vegas, NV 89115. Dy: (202) 598-0068. Dy: AD 3229th, Ft. Hood, TX.

Webb, Charles M., (CPT) (M82) 207 Sunset Drive, Daltonega, GA 30697. Dy: (404) 864-1778. Res: (404) 864-5778. S: Sue. Dy: ROTC Instr, North GA College. Rtg. AA. Time: 700 Hrs. Life Member.

Weber, Patrick A., (1LT) (M89) (Pat) Q Troop, 411 ACR, Box 1078, APO New York 09145-5000. S: Anela M. Dy: Asst Plt Ldr, 4th Spqn. Rtg. AA. Qual: AH-1S. Time: 350 Hrs.

Wegner, Robert G., (2LT) (M91) (Bob) 17 Kirby Street, Fort Rucker, AL 36362. Dy: (205) 255-3311. Res: (205) 598-0080. S: Lisa.

Weldinger, Kendall K., (CPT) (M91) 5 Chinoak Drive,

Daleville, AL 36322. Dy: (205) 255-3311. Res: (205) 598-3053. Dy: Student Pilot, E71-145. Time: 170.

Weigel, Steven F., (1LT) (M89) 825 15th Avenue SE, Aberdeen, SD 57401. Dy: 011-49631-469-778. Res: 011-49631-68-6521. Dy: 1 Co, 4th Avn Bde, APO New York 09185. Rtg. AA. P. Maint. Crs: UH-1. Time: 250 Hrs.

Wennesson, Thomas H., (CPT) (M88) (Tom) 5/6 Cavalry, APO New York 09457. S: Anne M. Dy: Plt Ldr, C Troop, 5/6 Cav. Rtg. AA. Qual: AH-64A. Time: 600 Hrs. Cdt 40 Hrs. AM/1.

Wernicke, Michael A., (1LT) (M89) 2727 Aviation Battalion, Bldg. 1363, Box 114, APO New York 09185-5000. Dy: Plt Ldr, Regerhorst Army Airfield, Hanau, Germany.

Westphal, Steven D., (CPT) (M87) (Steve) 1051 Angela Drive, Clarksville, TN 37042. Dy: (502) 798-5540. Res: (615) 552-4558. S: Wendy. Dy: Cdr, A Co, 1/160th SOAR, Ft. Campbell, KY. Rtg. SAA. P. Qual: AH-1S. Time: 2,250 Hrs./Cdt 30 AM/1.

Wheeler, William W., (CPT) (M85) (Bill) 3020 Gilberto Avila St., El Paso, TX 79938. Dy: (915) 566-8691. Res: (915) 655-6828. S: Valerie. Dy: S-4, 43 ACR. Rtg. AA. Qual: UH-60A. Time: 700 Hrs.

White, Christopher, 10680 Arnold Drive, Ft. Bliss, TX 79908. Dy: (915) 568-8581. Res: (915) 564-5404. S: Diana. Dy: Outlaw Troop, 43 ACR. Rtg. AA. Qual: AH-1S. Time: 550 Hrs./Cdt 55 Hrs. AM/1.

White, Karen K., (CPT) (M80) 13506 Quiet Stream Court, Chantilly, VA 22021. Dy: (703) 705-2169. Res: (703) 817-1525. S: Frank. Dy: HQ INSCOM, Ft. Belvoir, VA. Rtg. AA. P. Maint. Crs: UH-1. Time: 2,200 Hrs. Past VP, Old Ironsides Chapter.

White, Philip J., (CPT) (M91) D Company, 3-3 Avn Regt., Box 106, APO New York 09182. S: Elia. Dy: Commander, D Co, 3-3 Avn Regt, Geibelstadt, FRG. Time: 800 Hrs.

White, Richard G., (1LT) (M89) (Rick) North Country Chap. Secy, 9629-B Bready Loop, Fort Drum, NY 13603. Dy: (315) 772-7149. Res: (315) 773-8658. S: Deborah. Dy: HHC, 10th Avn Bde. Qual: UH-60A/L. Time: 400 Hrs.

Whitehill, Craig M., (CPT) (M89) B Company, 3/3 Aviation Battalion, APO New York 09182. Dy: ETS 352-7350. Res: 011-049-9337-772. Dy: Cdr, B Co, 3/3 Avn Bn. Rtg. AA. Time: 1,000 Hrs.

Whitfield, F. Craig, (CPT) (M85) (Craig) 130 North Harris Drive, Fort Rucker, AL 36362. Dy: (205) 255-3341. Res: (205) 598-5382. S: Anne Marie. Dy: S-4, 1st Avn Bde, Ft. Rucker, AL. Rtg. AA. Qual: UH-60A. Time: 500 Hrs.

Wilkinson, William M., (CPT) (M87) (Mac) 52 Dragon Drive, Fort Leavenworth, KS 66027-1172. Dy: (913) 694-5407. Res: (913) 651-7562. S: Alex.

Williams, Benjamin H., (CPT) (M87) (Ben) 4-229th Aviation Regiment, Box P-7, APO New York 09140-9998. Dy: 49-5841-83. Res: 49-5841-5659. S: Gina. Dy: B Co Cdr. Rtg. SAA. P. Qual: AH-1S. AM/4. Time: 1,200 Hrs./Cdt 75 Hrs. AM/2,2V.

Williams, Dale H., (1LT) (M89) (Heath) Q Troop, 42 ACR, Box 23, APO New York 09082. Res: (205) 461-4673. (404) 216-6811. S: Cynthia. Dy: Asst Hqtr Plt Ldr, Nurnberg, Germany, Reich Army Airfield. Rtg. AA. Qual: AH-1S. Time: 230 Hrs./Cdt 30

Williams, David E., (CPT) (M85) (Pemo) 506 Bowden, Copperas Cove, TX 76522. Dy: (817) 287-4385. Res: (817) 547-6483. S: Brenda. Dy: Cdr, D Co, 227 Avn, 1st Cav Div. Rtg. AA. Time: 840 Hrs./Cdt 23

Williams, David R., (2LT) (M91) (Dave) 303-A Colony Drive, Enterprise, AL 36330. Dy: (205)

255-3311. Res: (205) 347-3890. S. Keely. Dy: E7-145th. R. Rucker, AL.

Williams, David W., (CPT) (M89) C Co., 3-227th AHB, APO New York 09165. Dy: Commander, Hanau, Germany. Rtg: AA. Qual: AH-64A. Time: 1,000 Hrs.

Williams, James R., Jr., (CPT) (M87) (Jlm) 1440 Paddelboat Ct, Colorado Springs, CO 80906-6201. Dy: (719) 579-2526. Rtg: (719) 579-6931. S. Elizabeth. Dy: Co Cdr. E Co. 4th Avn. Rgt. SAA. Qual: UH-60A. Time: 1,200 Hrs./Cdt 66 AMV.

Williams, Jeffrey N., (CPT) (M82) 502 Seaway Drive, Seabrook, TX 77586. Dy: (713) 483-5984. Res: (713) 532-1991. S. Anna Marie. Dy: NASA-Johnson Space Ctr, Houston. Rtg: SAA. Time: 1,100 Hrs.

Williams, Randall J., (CPT) (M89) 15 End Avenue, Fort Rucker, AL 36362. Dy: (205) 255-8125. S. Janice. Dy: C, Ft Os, ATTC. Rtg: AA TP. Qual: UH-60A. Time: 1,500 Hrs.

Wilson, Patrick O., (CPT) (M83) HHS 7th MED COM, Box 192, APO New York 09102. S. Ginger. Dy: Operations Staff Officer, Heidelberg, Germany. Rtg: SAA P FE. Qual: UH-60A. Time: 1,800 Hrs.

Wilson, Robert E., (2LT) (M90) (Robert) 16 Castle Lane, Fort Rucker, AL 36362. Dy: (205) 255-3514. Res: (205) 588-6426. S. Julie. Dy: Army Aviator, C Co, 2-229th Avn, Ft Rucker, AL. Rtg: AA. Qual: UH-1H, OH-58A/C. Time: 200 Hrs./Cdt 17

Wiskus, Kevin R., (CPT) (M87) 103 Don Circle, Enterprise, AL 36330. Dy: (205) 393-6507. S. Elizabeth. Dy: F-113 Avn Bn, Ft Rucker, AL. Rtg: AA. Qual: UH-60A. Time: 600 Hrs.

Wornack, Alton W., (CPT) (M90) (A) 5668-2 Large Street, Fort Hood, TX 76645. Dy: (817) 287-7055. Rtg: (817) 539-8131. S. Beth. Dy: Avn Liaison Off, HHC Avn Bde, 1 Cav Div. Time: 600 Hrs.

Wood, David E., (CPT) (M87) A/5 159th Aviation, Box 117, APO New York 09025-0254. Dy: 049-0791-2724. S. Lisa. Dy: Platoon Leader, Schwarzbach Hill, FRG. Rtg: AA. Qual: CH-47D. Time: 900 Hrs.

Wood, Paul J., (CPT) (M87) (Woody) 2108 Nimitz Drive, Killeen, TX 76543-3112. Dy: (817) 289-5594. Res: (817) 628-1882. S. Michelle. Dy: C-3 Avn Bn, Fort Hood, TX. AA IP. Maint: Cn OH-58. Qual: AH-64A. Time: 1,000 Hrs./Cdt 15

Woodard, Gregory L., (CPT) (M83) (Greg) HHC 5159th Aviation Regt, Tipton AFB, Bldg. P-0080, Fort Meade, MD 20755-5340. Dy: (301) 677-4496. Res: (301) 672-0670. S. Kim. Dy: Asst S-3, AGR. Rtg: SAA IP. Qual: UH-1, OH-58A/C. Time: 1,650.

Woods, Kevin M., (CPT) (M90) 16 St. Moritz Ct, Savannah, GA 31419. Dy: (912) 352-6718. Res: (912) 927-8645. S. Michelle C. Dy: Cdr. B Co, 1 Bn, 24th Avn (A4). Rtg: AA. Qual: AH-64A. Time: 800 Hrs./Cdt 30 Hrs. AMV.

Woods, Michael C., (CPT) (M89) (Mike) 808 Wilam Street, Coppens Cove, TX 76522. Dy: (817) 287-6470. Res: (817) 547-2495. Dy: HHT 16 Cav, 6 CBAC, Ft Hood. Qual: OH-58, UH-1. Time: 650.

Wright, Chris D., (CPT) (M89) 347 Ardennes, Fort Cox, GA 39341. Dy: (408) 242-4201. Res: (408) 899-4209. S. Cathy. Dy: Air Cav Trp Cdr, C2-9 Cav, 7th IDL.

Wright, Karen J., (1LT) (M91) HHC 22 Avn Regt, P.O. Box 72, APO San Francisco 96324-0480. S. Daniel. Dy: Camp Stanley, Korea. Platoon Leader. Time: 250 Hrs.

Wright, Richard K., (1LT) (M88) (Dick) 4914 Cita Drive, Colorado Springs, CO 80916. Dy: (719) 579-3767. Res: (719) 570-9825. S. Robin Ann. Dy:

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Aviation Officer Directory

Roby Wing Pilot, Avn Maint Ofcr, Ft Carson. Rtg: AA. Maint Co: CH-47. Qual: CH-47D. Time: 600 Hrs./Cdt 50. Past Trea, Piles Pepp Chapter.

Wright, William R., (1LT) (M88) (Bill) 215 North Gladys Street, Apt. 609, Leesville, LA 71442. Dy: (318) 531-1245. Res: (318) 238-5967. Dy: S-1, 3-5 Avn Regt (Prov), Ft. Polk, LA. Time: 525 Hrs.

Wysal, William R., (1LT) (M89) 56th Aviation Company, 70th Trans., Box 41, APO New York 09028-5000. Dy: ETS 382-4110-4170. Res: 0821-734-385. Dy: Asst Bn S-4 Section Leader, Coleman Barracks. Rtg: AA. Qual: U-21. Time: 250 Hrs.

Wynn, Milton E., (CPT) (M84) (Chip) 5573-2 Lockridge Loop, Fort Hood, TX 76644-5057. Dy: (817) 288-3770. Res: (817) 539-6417. S. Cathy. Dy: Cdr, HST 4th Cav. Qual: UH-60A. Time: 870 Hrs.

Wyns, Jeff G., (CPT) (M87) 8013 Ponderosa Drive, Severn, MD 21144. Dy: (301) 677-2236. Res: (301) 551-4398. S. Karen. Dy: HQ 1st Army, Avn Readiness Rgt. Rtg: SAA. Qual: UH-1H, OH-58A/C. Time: 1,300 Hrs.

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Yacone, James F., (1LT) (P) (M90) (Jlm) 111 Candlebrook Drive, Enterprise, AL 36330. Dy: (205) 255-3344. Res: (205) 347-2525. S. Becky. Dy: E7-13. Rtg: AA. Maint Co: UH-60. Qual: UH-60A. Time: 1,050 Hrs.

Yamato, Wayne T., (CPT) (M85) (Yo) 929 Peach Hill Lane, Apt. 909, Chesterfield, MO 63017. Dy: (618) 458-4581. Res: (314) 536-5249. Dy: Ft Det Cdr, AVSCOM. Rtg: SAA. Maint Co: UH-1H. Time: 1,400 Hrs.

Yarborough, Michelle F., (CPT) (M81) (Shelley) Southern Gulf Chap Trns, 6830 Payne Avenue, Edwards AFB, CA 93523. Dy: (805) 277-4787. S. Billy. Dy: Experimental Test Pilot, US Army Avn Airworthiness Qualif. Test Dir. Rtg: SAA TP. Maint Co: AH-1, UH-1. Qual: AH-1S. Time: 1,300 Hrs.

Yeager, Arthur F., (2LT) (M91) 231 Weeks Drive, Enterprise, AL 36330. Res: (205) 347-0509. Dy: AVOC/Flight School Student.

Yemant, Charles M., (CPT) (M84) (Chuck) 1218 Pebble Court, Clarksville, TN 37042. Dy: (602) 798-5045. Dy: 1/160th SOAR(A), Ft. Campbell, KY. Rtg: AA. Time: 1,000 Hrs.

Yents, Roger D., (CPT) (M87) 19 Ferguson Lane, Fort Rucker, AL 36362. Dy: (205) 255-3341. Res: (205) 598-3019. S. Kimberly. Dy: Small Group Instructor (AOAC), E7-13th, Fort Rucker, AL. Time: 600 Hrs.

Young, Lisa V., (CPT) (M86) P.O. Box 620285, Fort Rucker, AL 36362-0285. Qual: CH-47D. Time: 504 Hrs.

Young, Rutlin J., (1LT) (M89) 21 Sbert Lane, Ft. Leonard Wood, MO 6473. Dy: (314) 596-2166. Res: (314) 329-6805. S. Linda. Dy: Maint Off, Fowey Army Airfield. Rtg: AA. Maint Co: UH-1. Qual: U-21. Time: 1,200 Hrs.

Youngblood, Sonya G., (CPT) (M84) Route 4, Box 704, Center, TX 75935. Res: (409) 588-9947. Rtg: AA. Maint Co: UH-60. Qual: UH-60A. Time: 600 Hrs. Past Trea, Taurus Chapter.

Youngman, Wayne M., (CPT) (M84) HQ USAF/AF7A, PSC Box 1015, APO New York

09063. Dy: AV 370-7598. Res: 011-49-6224-73235. Dy: OODSOPS, Campbell Barracks, Heidelberg, GE. Rtg: AA. Qual: AH-1S. Time: 700 Hrs.

Zeno, Guy M., (1LT) (M87) H Company, 7-227 Avn Bn, APO New York 09165-5000. Res: 06184-2796. Dy: P/Ltd/O, TF Viper. Qual: UH-60A. Time: 1,100 Hrs./Cdt 65 Hrs. AMV.

Zimmer, Paul J., (CPT) (M81) HHC 3-58 Avn Regt, Box 121, APO New York 09025. Dy: 426-4514. Res: 0049-791-2223. S. Tonia. Dy: S-4, HHC, 358th Avn Regt. Rtg: SAA IP. Qual: UH-60A. Time: 1,640 Hrs.

Zimmermann, Roy C., (2LT) (M90) HHC 5/501st Aviation Regt, APO San Francisco 96397-0420. Dy: AV 721-2257. Res: 721-2284. S. Janine. Dy: C Co, Plt Ldr, Camp Eagle, Wonju, Korea. Qual: AH-1S. Time: 250 Hrs.

Ziwilich, Robert M., (CPT) (M87) (Z) Route 1, 101 Harrison Drive, Daleville, AL 36322. Res: (205) 383-5335. S. Mary Beth. Dy: Platoon Commander, D Co, 1212th Avn, Fort Rucker, AL. Rtg: AA IP. Time: 872 Hrs./Cdt 47 Hrs. AMV.

Zuber, Charles D., (1LT) (M90) (Chuck) 5709 19th Avenue S.E., Lacey, WA 98503. Dy: (206) 957-4855. Res: (206) 666-1887. S. Sheld. Dy: Section Ldr, 44th Med Det (AA), Ft. Lewis, WA. Time: 200 Hrs.

LATE LISTINGS

Bennett, Jay E., (CPT) (M89) 5547-1 Lockridge Loop, Ft. Hood, TX 76644. Dy: (817) 287-2000. Res: (817) 539-5362. S. Jude. Rtg: AA. Qual: CH-47D. Time: 780 Hrs.

Bellamy, Maureen E., (CPT) (M83) 4 Rice Mill Dr., Savannah, GA 31419. S. Jay. Dy: K Company, 159th Avn Regt, Hunter AAF, GA 31409. Rtg: SAA TP, IP. Maint: Co: UH-1, UH-60. Qual: UH-1, UH-60A. Time: 2,500 Hrs. Cdt: 12.

Carnell, Carolyn A., (CPT) (M85) 1511 Deep Creek Lane, Manhattan, KS 66502. Dy: (913) 537-9887. Dy: F Co, 1st Avn Regt, 1st ID, Ft. Riley, KS 66442. Rtg: AA TP. Maint: Co: UH-1. Qual: UH-1, UH-60A. Time: 525 Hrs. Cdt: 34.

Fischer, Carl E., (CPT) (M87) (Fish) 228 Milestone Circle, Clarksville, TN 37042. Dy: (602) 798-2626. Res: (615) 552-3913. S. Carol. Dy: S-3, 7-101 Avn Regt, Ft. Campbell, KY 42223. Rtg: AA. Qual: CH-47. Qual: CH-47D. Time: 650 Hrs./Cdt 60 AMV.

Graham, Scott A., (2LT) (M90) P.O. Box 115, Barlow, OH 45712. Res: (614) 698-2546. Maint: Co: UH-1. Time: 150 Hrs.

Gurley, Richard H., (1LT) (Rich) Route 1, Box 1369, Bowersville, GA 30516. Dy: (912) 352-5887. Res: (912) 927-6340. Dy: Avn Maintenance Co, Executive Officer, C Co, 324 Avn, Hunter AAF, GA. Rtg: AA. Time: 291 Hrs.

Read, Barry K., (CPT) (M90) RR 1, Box 12, Farmer-ville, LA 71241-9702. Dy: 1-322-7665. Res: 1-06187-8352. S. Amy. Dy: HHC CAB, 3AD, Fliegerhorst Coserne, Germany. Qual: AH-64A. Time: 700 Hrs.

Saunders, Robert S., (CPT) (M82) (Sprocket) HHD, 8-158th Aviation, APO New York, 09165. Res: 322-7552. Dy: 06181-572676. S. Harriet. Dy: Cdr, HHD, 8-158th Aviation. Rtg: SAA IP. TP. Maint: Co: AH-1. Qual: AH-1S. Time: 2,400 Hrs. Cdt: 30 AMV.

Randle, Lawrence L., (CPT) (M91) Southern California VP Regt, 12140 Leadwood, Stamford, CA 90680. Dy: (714) 826-8890. Res: (714) 537-5263. S. Brenda. Dy: S3 AR, 168th Avn Gp. Rtg: AA. Qual: UH-60A. Time: 940 Hrs.

BRIEFINGS

Beech Aircraft Corporation has been awarded a contract worth \$15.7M from the U.S. Army Aviation Systems Command (AVSCOM), St. Louis, MO for three RC-12K aircraft. In addition, the contract includes options for six more aircraft, worth \$30.9M, to be ordered later this year. Total potential value is \$46.6M. Work on the Special Mission Beechcraft will be done at Beech's Wichita and Salina plants. Aircraft crew training will be conducted at FlightSafety International's Beechcraft Learning Center in Wichita. The RC-12K includes an integrated cockpit consisting of state-of-the-art dual Electronic Flight Instrumentation System (EFIS) and an aircraft survivability equipment/avionics control system.

A U.S. Army contract worth \$16.9M has been awarded to the **Collins Avionics and Communications Division** of Rockwell Corp. for AN/ASC-15B command and control consoles. The award was made by the Army Communications and Electronics Command (CECOM), Ft. Monmouth, NJ. The ASC-15B is a transportable console installed in the UH-60 Black Hawk to provide battlefield commanders with interservice communications capabilities and improved C2 command and control functions. Console deliveries are expected to begin immediately.

International interest in **McDonnell Douglas Helicopter Company's** AH-64A Apache continues to mount following the Apache's powerful performance during the Persian Gulf War. To date, 54 international Apaches are under Foreign Military Sales (FMS) contracts or on order, and several nations around the world are adding the Apache to their armed services. The U.S. Army's Aviation Systems Command (AVSCOM) recently requested a proposal from McDonnell Douglas for 88 additional Apaches to meet FMS requirements.

Science Applications International Corporation (SAIC) has been awarded the Lightweight Computer Unit (LCU) contract by the U.S. Army Communications-Electronics Command (CECOM) of Ft. Monmouth, NJ. The contract calls for 21,000 commercial and ruggedized laptops, for a potential maximum contract value of

\$500M over ten years. The LCU contract, a new subset of the Army's Common Hardware Software (CHS) procurement to automate tomorrow's battlefield, is designed to enhance and interoperate with the Army's Battlefield Functional Areas (BFA) systems. These systems include maneuver control, field artillery, combat service support, intelligence/electronic warfare, and air defense elements.

McDonnell Douglas Helicopter Company has awarded **Litton's Guidance & Control Systems** division a multimillion dollar contract to develop a lightweight laser gyro Inertial Navigation Unit (INU) for the U.S. Army's Longbow Apache helicopter program. The system, named LN-100, is Litton's next generation product being developed for tactical aircraft requiring a navigational accuracy within one nautical mile for each hour of flight. Under the \$6M contract, Litton will deliver ten developmental LN-100 units over the next two years for dual installation in four Longbow Apache helicopters. The Army's initial operational test and evaluation program is slated to run through 1993.



Correction: Several AAAA members have informed us that a Letter to the Editor in the May issue did not correctly identify the Captain to the left of CPT Reed (center) and MAJ Sullivan (right). He is John Goodrich, who was at one time the personal pilot for GEN H.I. "Hammerin' Hank" Hodes, USAREUR CG. According to LTC Guy R. Claybourn, Jr., CPT Goodrich was also the prime mover from the European end of the successful project to ferry Beechcraft L-23s across the Atlantic starting in 1957.

Difference continued from page 7

STORM, and we must continue our modernization programs to maintain this edge. Our vision of the 21st century battlefield puts more emphasis on command and control, light infantry, sophisticated weapons, and the need to continue to have superbly trained troops (though there will be fewer of them).

Keeping this technological edge will prove challenging. We've had a tough time in the whole of DoD in the last few years with decreasing amounts of money. This is the sixth year in a row in which we will have had decreasing procurement accounts in the Army. Our next budget will represent the seventh decrease in a row.

We've got to bottom out. If the 1993 budget is enacted according to the budget agreement that was signed last Thanksgiving, the Army's procurement account will go down under \$8 billion. It hasn't been at that level for decades.

This reduction will impair our ability to do some of the great things that industry is

working on to enhance our warfighting capability.

A few words about the RAH-66 Comanche program. We received two excellent proposals, both prepared in a highly professional manner. The winning proposal clearly meets or surpasses our criteria for survivability, maneuverability, and lethality, and should result in lower average operating costs for our entire helicopter fleet.

The program continues to be on track, well supported in Congress, properly funded, and with all the characteristics of a winner.

I will conclude by answering a question I am frequently asked in Congressional hearings. With the downsizing of the Army, will we in the mid-90's be able to achieve another DESERT STORM-style victory? The answer is yes, we will be able to do it. We may not be able to do it quite as quickly, and we may not be able to do it with quite as much flexibility. But if we continue to retain the quality soldiers and the quality equipment we have in the Army, yes, we will be able to achieve victory. The Army's job today is to ensure that we can indeed do that tomorrow. ■■■

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Class 90-20 OH-58 Track (12/04/91): 2LT Dwight E. Robinson, Dist. Grad; 2LT David J. Weaver, Honor Grad.

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Class 90-20 UH-1 Track (26/04/91): 1LT Joseph J. Kalil, Jr., Dist. Grad; CW2 Randy E. Cupit, Honor Grad.

Class 90-21 UH-1 Track (26/04/91): WO David W. Snow, Dist. Grad; WO Henry S. Mentrak, Honor Grad.

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Class 90-22 UH-1 Track (10/05/91): WO Charles K. Woolley, Dist. Grad; WOs Harold W. Griffin, III & John M. Rawls, IV, Honor Grads.

Class 90-22 OH-58 Track (10/05/91): 1LT John S. Boyland, Dist. Grad.

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Class 90-21 UH-60 Track (10/05/91): 1LT Gerald R. Davis, Jr., Dist. Grad.

Class 90-21 UH-60 Track (10/05/91): WOs Rodney L. Pays and Theodore A. Betterley, Dist. Grads.

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Class 91-4 Aviation Senior WO Training Course (16/05/91): CW2 Arick M. Morello, Dist. Grad; CW2s Carl T. Carroll, Anthony F. Castiglione, & CW3 Bernard R. VonEssen, Honor Grads.

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Culwell, Kenneth L.
602 North Lincoln
Arlington, VA 22201
McGill, William D.
6607 Todd Street
Fort Hood, TX 76544

Lt. Colonels

Casey, Timothy J.
508 East 12th
Oak Grove, MO 64075
Chambers, Edward S.
C/O Jasper D. Benson
702 Lindley Drive
Durham, NC 27703
Hackerson, Michael W.
1614 Diana
Harker Heights, TX 76543
Mels, Emil F. III
325th FWD Support Bn.
25th ID (LT)
Schofield Barracks, HI 96857
Pack, John E.
6790 24th Street
Fort Hood, TX 76544
Rindler, James P.
3512 Gowan Lane
Fayetteville, NC 28311
Sheriff, Stephen D.
1st Battalion (A&K)
2nd Aviation Regiment
APO San Francisco 96524
Sumner, Herman W.
C/O Anice Evans
130 Meriwether Crest N.W.
Milledgeville, GA 31061
Wehner, Randolph B.
203-4 Meade Avenue
Fort Leavenworth, KS 66027
Wirthlin, Floyd R.
2631 Silver Oaks Way
Spring Valley, CA 92077

Majors

Adams, James R. Jr.
HQ & HQ Company
1st Armor 4th Brigade
APO New York 09250

Berry, Lee W., III
Route 4, Box 5
Wesson, MS 39191
Bryson, William L.
6016 Barnett Road
Baltimore, MD 21239
Dirks, Monte S.
403 Golden Gate Court
Louisville, KY 40243
Helfrich, Harry W.
101 Kimmer Road
Peachtree City, GA 30269
Jablacki, Joseph S.
P.O. Box 340481
Fort Sam Houston, TX 78234
Johnson, Thomas C.
215 Union Chapel Road
Eatontown, GA 31024
Lee, Mark W.
5th Squadron
17th Cavalry
APO San Francisco 96251
Maciejewski, Donald M.
10275 Old St. Augustine
Apt. 1103
Jacksonville, FL 32257
Sheehan, Patrick J.
HHC 3-227 Aviation
APO New York 09165
Walters, Robert G.
701-45 Kettering Blvd.
San Diego, CA 92101
Wickizer, Karl A.
2020 Terrillini
Chesterville, MO 63017

Captains

Amberg, Andrew B.
95-142 Kuahelani Avenue
Apt. 126
Mililani, HI 96789
Brown, Jeffery D.
203 Colonial Drive
Enterprise, AL 36330
Buckner, Eugene R.
Route 3, Box 92
Enterprise, AL 36330
Busch, Steven R.
HSC 301 Aviation
Box 3028
APO New York 09250
Cox, Craig W.
3529 Whimble Lane
Colorado Springs, CO 80906
Fine, Phillip K.
115 South Ethel Lane
Lansing, KS 66043

Gentzyl, Ray D.
433 Casa Verde Way
Apt. 108
Monteary, CA 93940
Gillette, Bruce M.
P.O. Box 1352
APO New York 09611
Hager, Jay
Aviation Detachment
1st Infantry
APO New York 09173
Hambrecht, Stephen E.
253 Winchester Place
Belleville, IL 62221
Holm, Peter D.
976 Brant Hollow Court
Colorado Springs, CO 80916
Jackson, Randy K.
B Co., 1st Battalion
2nd Aviation Regiment
APO San Francisco 96524
Klakkien, Merrill S.
9800 Highway 93 N
Missoula, MT 59802
Korycinski, Donna K.
799 Donnell Boulevard
Oakes Apt. 25
Daleville, AL 36322
Kosmowski, Andrew J.
MAMC Box 539
Tacoma, WA 98431

Maples, David L.
1401 Sanders Street
Leavenworth, KS 66048
McNamara, Robert A.
1 Sweet William Court
Homosassa, FL 32646
Rapavi, Michael J.
6th Aviation Detachment
Box 946
APO New York 09221
Reis, Joaquin F.
Apt. 2, The Oaks Apt.
799 Donnell Boulevard
Daleville, AL 36330
Ryder, Stephen K.
510 Spring Lake Crescent
Apt. 202
Virginia Beach, VA 23451
Schulze, Theodore S.
919 South Quincy Street
Hinsdale, IL 60521
Thome, Michael N.
3201 Nottingham Lane
Coloia, IL 32926
Wiskus, Kevin R.
103 Don Circle
Enterprise, AL 36330

1st Lieutenants

Bass, Johnny R.
80 Lakahilla North
Northport, AL 35476
Bruner, David R.
H Co, 3rd Avn. Regt.
APO New York 09182
Coplen, Mark W.
3604-11 Pine Lake Drive
Fayetteville, NC 28311
Crosby, Julie A.
1001 Twin Creek Drive
Apt. 1719
Killeen, TX 76543
Finley, William L.
P.O. Box 8058
Fort Bliss, TX 79906
Isler, Robert M.
1151 Woodbridge Drive
Clarksville, TN 37042
Moss, Jeffery N.
5225A Montague Loop
Fort Bliss, TX 79906
Powers, Chris P.
208 C Street
Apt. B
St. Augustine, FL 32084
Smith, Cory R.
80187 Kenzie Road
Covington, LA 70433

Virgilio, Anthony W.
51760-1 Comanche Circle
Fort Hood, TX 76544
Whittington, Scott A.
5655 Beaverton-Hillsdale
Portland, OR 97221
Wolf, Paul A.
204 Heritage Boulevard
Enterprise, AL 36330

2d Lieutenants

Cave, Scot B.
95-2040 Waiakalani Place
Apt. E102
Mililani, HI 96789
Jenas, Joann S.
B Company
2/501st Aviation
APO San Francisco 96271
Kain, Joel L.
32 Gateside Court
Daleville, AL 36322
Lentze, Hugo E.
Box A50, RD 4
Moravia, NY 13118
Thiebaud, Daniel E.
P.O. Box 437
Rosepine, LA 70659
Weber, Christopher
D Company, 1-501 Avn Regt
Box 577
APO San Francisco 96301
Zemitis, Darrell H.
799 Donnell Boulevard
Apt. 37
Daleville, AL 36322
Zimmermann, Roy C.
HHC 5/501st Aviation Regt
APO San Francisco 96397

MW4s

Story, Thomas A.
3201 Culbreth Court
Woodbridge, VA 22192

CW4s

Campbell, Richard E.
104 West Sand Creek Road
Enterprise, AL 36330
Clark, Daniel E.
612-B Britany Place
Fayetteville, NC 28314
Coleman, George L.
P.O. Box 60038
Savannah, GA 31420
Finocchiaro, Albert J.
PSC Box 5446
APO Miami 34001
Guffy, Wayne S. Jr.
2312 NE 8th Street
Lewiston, OK 73507
Osborn, Verlon W.
P.O. Box 931
Edgewood, MD 21040
Smith, Raul W.
11325 Gene Sarazen
El Paso, TX 79936
Trampe, Kenneth L.
HHT 2-6 Cavalry
Box 22
APO New York 09140
Waters, Wayne A.
P.O. Box 620463
Fort Rucker, AL 36362

CW3s

Kranz, William E.
815 Tavern Road
Savannah, GA 31419

CW2s

Brewer, Jarrett R.
2008 Dusk Drive
Killeen, TX 76543
Detlefsen, Kevin M.
7345 Songbird Road
Colorado Springs, CO 80911

Eriksen, Erik F.
505 Briarwood Drive
Apt. C7
Enterprise, AL 36330
Fred, Timothy D.
404 Country Club Lane
Hopkinsville, KY 42240
Lee, James M.
9553 Jefferson Highway
Apt. F23
Baton Rouge, LA 70809
McClinton, Daniel M.
US MILGRP-Helo Detachment
US Embassy El Salvador
APO Miami 34023
Rogers, James R.
51782-3 Comanche Circle
Fort Hood, TX 76544

WO1s

Baruzzini, Murray B.
306 Westwood Road
Manhattan, KS 66502
Born, Anthony P.
D Troop, 5th Squadron
17th Cavalry (WJHDO)
APO San Francisco 96251
Hightower, Richard L.
7949 East Collette Circle
Apt. 160
Tucson, AZ 85710
Huddleston, Doug R.
305 Cedar Crest
Killeen, TX 76543
Lupacchino, James F.
P.O. Box 845
Vernon, CT 06066

Partridge, Gerard S.
5131 Early Street
Apt. 2
Fort Rickett, KS 66442
Rollston, Scott D.
26 Johnson Street
Fort Rucker, AL 36362
Sandefur, Terry E.
2/377 Medical Co. (AA)
Thru 43rd MASH
APO San Francisco 96271

WOCs

Sims, John B.
13 Edwards Street
Fort Rucker, AL 36362

Enlisted

Allen, John E. SPC
5811 East Waverly
Tucson, AZ 85712
Finch, Fredy, Jr. CSM
P.O. Box 94
Fort Rucker, AL 36362
Jordan, Daniel G. SGT
6646 Woodland Drive
Keystone Heights, FL 32656
Rentz, Thomas ISG
D Company
4/228th Aviation Regiment
APO Miami 34042
Ridings, Kevin J. SPC
D Company
326th Medical
Fort Campbell, KY 42223

DACs

Morton, Joseph O. Mr.
3441 Cascade Drive
Arnold, MO 63010
Olsen, Kenneth W. Mr.
HHC 11th Aviation Brigade
P.O. Box 1270
APO New York 09140

Civilian

Dean, B. Howard
2872 Bay Arislocrat Drive
Sarasota, FL 34234
Douglas, Don W.
471 Lighthouse Road
New Haven, CT 06512
Enriquez, Oscar R.
7890 East Spring Street
Long Beach, CA 90815
Furlong, William R.
15 Arian Road
Apt. C
Baltimore, MD 21236
Herrera, Saul
1038 Springfield Street
Apt. A
Upland, CA 91786
Murphy, Daniel J.
8229 Maryland Circle
Bloomington, MN 55438
Shoemaker, Brian D.
P.O. Box 743
Boonville, NY 13309

Retired/Other

Brown, John P. COL
206 Spinnaker Run Lane
Smithfield, VA 23430
Brown, Troy D. CW4
4101 SE Camalot, No. 3
Lawton, OK 73501
Burnette, James T. CW4
4415 N.W. 58th Avenue
Gainesville, FL 32606
Campbell, John W. COL
13417 Emerald Drive NW
Gig Harbor, WA 98329
Capone, Theodore T. LTC
2063 Lakelynn Court
Crescent Springs, KY 41017
Cavanaugh, E. W. LTC
P.O. Box 4346
Kaneoka, HI 96744
Konkle, Thomas E. LTC
5004 Balmoral Drive
Apt. 3
Huntsville, AL 35802
Rusk, Richard A. Dr.
23240 68th Avenue South
Apt. J101
Kent, WA 98031
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COL Onno S.W. Vollema

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First Awards of the Order of St. Michael

MG Rudolph Ostovich, III, then Aviation Branch Chief, recently presented the first two Order of St. Michael, Bronze awards to **LTC William M. Bryan** (above left), Commander, 2-229th Avn Rgt, Ft. Rucker, AL, and **COL William A. Brinkley** (below right), U.S. Army TRADOC, Ft. Monroe, VA, at Ft. Rucker. LTC Bryan's unit was the first to reach the Euphrates River on G-Day during DESERT STORM. COL Brinkley was responsible for the development of the analysis that demonstrated the requirements for the RAH-66 Comanche.

Established in 1990 as a joint venture between the AAAA and the U.S. Army Aviation Center (USAAVNC), the Order of St. Michael recognizes individuals who have contributed significantly to the promotion of Army Aviation in ways that stand out in the eyes of the recipient's seniors, subordinates, and peers.

For nomination information, contact the AAAA National Office, 49 Richmondville Avenue, Westport, CT 06880-2000.



LTC Rex M. Turner, Jr., Ret.

LTC Rex M. Turner, Ret., died 27 September 1990. He was 54 years of age. He had been a member of AAAA since 1970.

After retiring from the Army, LTC Turner became an independent real estate agent in St. Petersburg, FL. He is survived by a brother, Larry, of Nashville, TN.

COL James F. Wells, Ret.

COL James Franklin Wells, Ret., 79, died 30 March 1990 at the Silas B. Hays Hospital at Fort Ord, CA.

Born in Pueblo, CO, COL Wells was a member of AAAA since 1958 and received the AAAA James H. McClellan Award in 1962. During a 37-year career as an Army Aviator, COL Wells served as the first director of the Army Helicopter School and a military advisor to the Southern Chinese Army and the Chinese Military Academy in Taiwan. He was the founder/director of the Army's Aviation Safety Division.

In WW II, COL Wells received the Silver Star, Bronze Star, and Legion of Merit while serving as a battalion and group commander in Europe and Africa.

He is survived by his wife, Mary Frances; a son, David, of Washington, DC; a daughter, Lesley Brooks of Cleveland, OH; a stepdaughter, Maradeane Adler of Hayward, CA; and six grandchildren.

New AAAA Chapter Officers

Air Assault:

COL Thomas W. Garrett (President).

Edwin A. Link:

G. Pres McGee (SrVP); MAJ Donald L. Emerson (VP, Mil. Aff.); LTC David J. Lum, Ret. (VP, Memb Renewals).

Greater Chicago:

Robert M. Wilkinson (Secy); 1LT Paul L. Scharsich (VP, Prog); David J. Dohm (VP, Guard Affairs).

Hudson-Mohawk:

CW2 David A. Lewis (Pres); 1SG Raymond B. Van Epps (SrVP); SGT Lesley A. Reyell (Secy); Vincent J. D'Arrigo, Jr. (Treas); CPT F. David Sheppard (VP, Memb Enrollment).

Lindbergh:

Susan E. Barnes (VP, Prog).

AAAA Soldier of the Month

A chapter program to recognize outstanding aviation soldiers on a monthly basis

SPC Jeffrey S. Carter
(April 1991)

Wings of the Devil

SSG Thomas R. Miller
(April 1991)

Indiantown Gap

Aces

The following members have been declared Aces in recognition of their signing up five new members each.

CDT David W. Alley

MSG John H. Bae

LTC James R. Barkley, Ret.

1LT Michael J. Burns

GPT William J. Davisson

Mr. Thomas F. Forbes

1LT Phillip A. Hogue

LTC John W. May, Ret.



Mr. Joseph P. Cribbins, Chief, Aviation Logistics Office ODCSLOG and AAAA Vice President does it again! Above President George Bush (left) poses with Mr. Cribbins (center), and Ms. Constance Newman (right), Director Personnel Management at the 9 January 1991 presentation of Mr. Cribbins' second Distinguished Presidential Rank Award for Senior Executive Services (SES) employees.

Below, North Texas Chapter President Richard L. Gillingham (left), gives a hand to the Honorable Stephen K. Conner (right), Assistant Secretary of the Army for Research, Development, and Acquisition during Mr. Conner's remarks at a joint AUSA/AAAA dinner at the Dallas/Fort Worth Hyatt Regency at the Dallas/Fort Worth International Airport. Mr. Conner's topic at the 18 April 1991 event was the "Army Aviation Outlook."



Aces (Cont.)

CPT Ralph Perez
CPT Glenn A. Rizzi
CPT Albert C. St. Jean
CPT F. David Sheppard
CPT Todd L. Smith
CW4 James E. Stone

New Industry Members

Syston Donner
Concord, CA
Southern Aero Corporation
Ozark, AL

Sustaining Industry Members

Pemco Aeroplex, Inc.
Dothan, AL



The 1991 AAAA Award for the Top West Point Cadet who has branched aviation was presented to CDT Christopher J. Watrud (left), by AAAA President MG Charles F. Drenz, Ret. (right), during ceremonies on 29 May 1991, at the Red Reeder Room of Washington Hall at West Point. Luncheon followed at the Thayer Hotel.

The North Texas Chapter kicked off the 1991 season with a formal business meeting on 18 March 1991. Nearly 300 Chapter members and guests attended to listen to the night's guest speaker, the Hon. Pete Geren (D-TX) of the House of Representatives. His subjects were "Support of Our Troops in DESERT STORM" and "The Budget Outlook." He had returned from a Congressional fact-finding trip to the theater of operations less than 24 hours before.

**CW2 Hal Hooper Reichle**

AAAA member CW2 Hal Hooper Reichle, 27, was killed in action in Iraq while on a reconnaissance mission in February. He was an OH-58C pilot with the 1-24th Aviation Regiment. Reichle was posthumously awarded the Air Medal, the Purple Heart, and the Army Commendation Medal.

Last year, Reichle and his wife had founded an aerial production firm, and had flown aerial coordination for was the film *Fire Birds*.

He is survived by his wife, Arricca Elin SanSone Reichle, of Savannah, GA, who has established a memorial scholarship in his name. Donations may be made to: CW2 Hal H. Reichle Memorial Fund Scholarship, Wachovia Bank of Georgia, 6301 Abercorn Ext., Savannah, GA 31406.

AAAA CALENDAR

A listing of recent AAAA Chapter Events and upcoming National dates.

July, 1991

✓ **July 9.** Cedar Rapids Chapter Professional-Social Meeting. Members & Guests. Ox Yoke Inn, Amana, IA.

✓ **July 12.** AAAA Scholarship Board of Governors Executive Meeting. Best Western Hotel, Arlington, VA.

✓ **July 13.** AAAA National Scholarship Selection Committee Meeting to select CY92 scholarship recipients. Best Western Hotel, Arlington, VA.

✓ **July 18.** Army Aviation Center Chapter Professional-Business Meeting. Members & Guests. Guest Speaker: CW3 (Ret.) George T. Johnson, U.S. Army Black Aviators Assoc. Ft. Rucker Officer's Club.

✓ **July 20.** Wright Bros. Chapter Professional-Social meeting in conjunction w/Dayton International Airshow. Members and Guests.

✓ **July 21.** North Country Chapter General Membership Meeting. Members and Guests. Remington Pond Recreations Area, Ft. Drum.

September, 1991

✓ **Sept. 17.** North Texas Chapter hosts the 4th Annual NTC-AAAA Defense Systems Management College (DSMC) Seminar at the Dallas/Ft. Worth Airport Hilton Hotel.

October, 1991

✓ **Oct. 14.** AAAA National Executive Board Meeting, Sheraton Hotel, Washington, D.C.

✓ **Oct. 14.** AAAA Scholarship Board of Governors Executive committee Meeting, Sheraton Washington Hotel, Washington, D.C.

November, 1991

✓ **Nov. 5-6.** 9th AAAA Aircraft Survivability Equipment Symposium, hosted by Hughes Danbury Optical Systems, Inc., El Segundo, CA.

✓ **Nov. 5.** AAAA ASE Award Presentation, Los Angeles Airport Marriott, Los Angeles, CA.

December, 1991

✓ **Dec. 5.** AAAA Aviation Trainer of the Year Award Presentation, AAAA Air/Sea Rescue Award Presentation, & AAAA ROTC Award Presentation, Ft. Rucker, AL.

AAAA ASE Symposium Set

The Ninth Annual Aircraft Survivability Equipment (ASE) Symposium will be held in El Segundo, CA, 5-6 November 1991. Hosted by Hughes Aircraft Company, this year's theme is "The Changing Threat Environment and its Effects on Aircraft Survivability Equipment." Hughes Danbury Optical Systems, Inc., a subsidiary of Hughes Aircraft, is the AAAA Industry Member Coordinator for this year's symposium.

The 1991 Symposium is open to all interested AAAA members who possess a minimum SECRET level clearance. Contact the AAAA National Office at (203) 226-8184 for Registration and Housing forms.

1991 Aircraft Survivability Equipment (ASE) Award Call for Nominations

Sponsored by Loral Electronics Systems, the AAAA ASE Award will be presented at the 1991 Symposium to "the person who has made an outstanding individual contribution to Army Aviation in the area of Aircraft Survivability Equipment during the awards period encompassing the previous calendar year."

Eligibility: A candidate for this award may be military or civilian and must be actively involved in the field of Aircraft Survivability Equipment. Membership in the AAAA is not a requirement for consideration.

Suspense Date: All nominations must be made on the official ASE Awards Nomination Form obtainable from the AAAA National Office at (203) 226-8184. Nominations must be returned to the AAAA National Office by **1 September 1991.**



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