

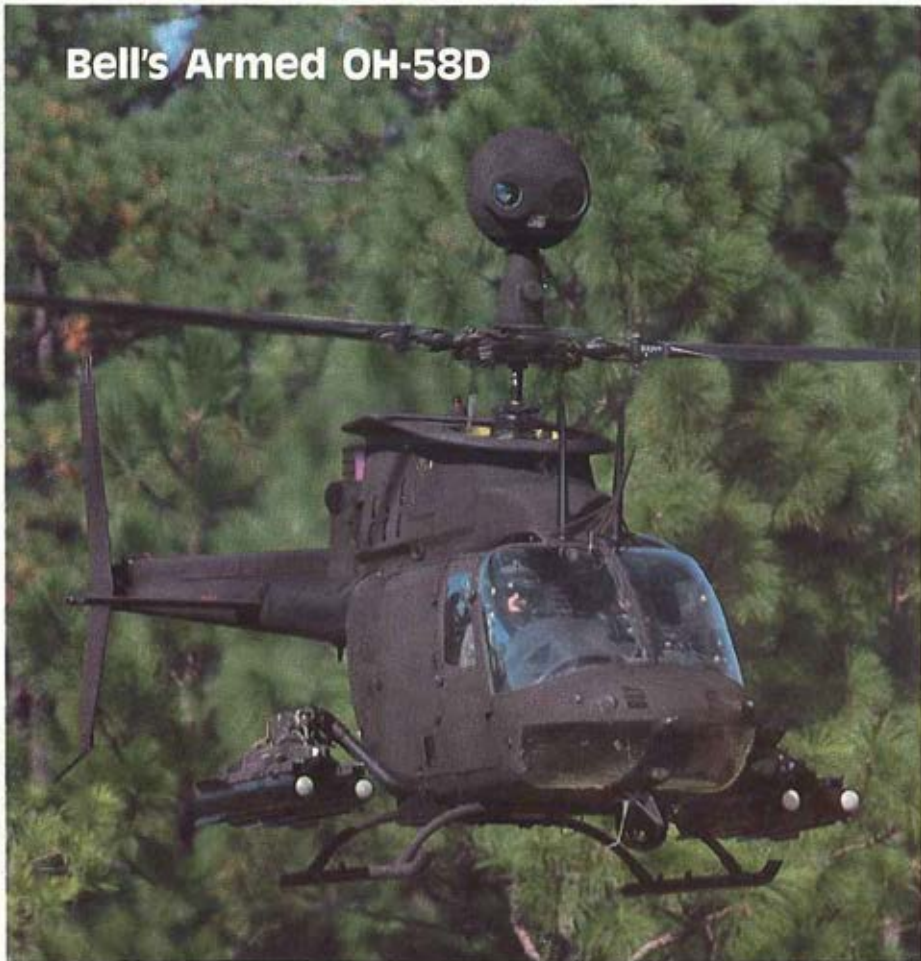
A new
Branch Chief
reports to
Fort Rucker
page 3

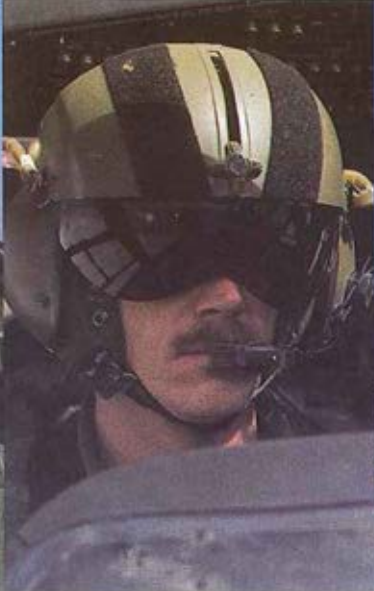
SPECIAL REPORT: SIMULATION AND TRAINING DEVICES

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Major General (P) Ellis D. Parker, Chief, Aviation Branch, Commanding General, U.S. Army Aviation Center and Fort Rucker, and Commandant, U.S. Army Aviation Logistics School and Major General Richard E. Stephenson, Commanding General, U.S. Army Aviation Systems Command have completed their outstanding tours at their respective posts and have been reassigned.

MG (P) Parker, who served as Branch Chief since January 1985, has been nominated for appointment to lieutenant general and reassigned as Director of the Army Staff, Washington, D.C.

MG Stephenson has assumed command of the U.S. Army Operational Test and Evaluation Agency in Alexandria, VA, after a three year and three month command of AVSCOM.

A New Branch Chief

The new Chief, U.S. Army Aviation Branch, Commanding General of the U.S. Army Aviation Center and Fort Rucker, and Commandant, U.S. Army Aviation Logistics School is Major General Rudolph Ostovich III. MG Ostovich, who originally hails from Milwaukee, WI, has been Deputy Chief of Staff for Doctrine for the Army's Training and Doctrine Command, Fort Monroe, VA since May 1988.

MG Ostovich is no stranger to the 'wire grass' area, having served as Assistant Commandant of the Army Aviation School at Fort Rucker from February 1985 to August 1986 under MG (P)

Parker. MG Ostovich was AAAA USAREUR Region President in 1984 and the Aviation Center Chapter President in 1986.

The new Assistant Commandant of the U.S. Army Aviation School at Fort Rucker is Brigadier General Robert S. Frix who replaces the recently retired Brigadier General Rodney D. Wolfe. BG Frix had been Assistant Division Commander, 101st Airborne Division (Air Assault), Fort Campbell, KY since December 1987. BG Frix was the 1985 AAAA USAREUR Region President.

Changes in St. Louis

At the AMC end of the house, Major General Donald R. Williamson replaces MG Stephenson as Commanding General of AVSCOM. A 31 year veteran, he has been serving as Deputy Commanding General of AVSCOM since August 1987. MG Williamson has previously served as an Executive Officer at AVSCOM headquarters from 1969 to 1973 and as the Project Manager for the AH-1 COBRA from 1980 to 1985. MG Williamson has been the AAAA Lindbergh Chapter President for the last two years.

Assisting MG Williamson in his new position is Brigadier General Dewitt T. Irby, Jr. as the new Deputy Commanding General at AVSCOM. BG Irby had served as Chief, Logistics Resources Division, Logistics Directorate, J-4, OJCS, Washington, D.C. since July 1987. Irby was AAAA Hanau Chapter President in 1980.

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ARMY AVIATION

VOLUME 38

NUMBER 10

AVIATION BRANCH BULLETIN

Ostovich and Williamson Assume Command.....	3
U.S. Precision Helicopter Team Wins Again.....	82

AVIATION BRANCH UPDATE

A Farewell to the Branch by MG (P) Ellis D. Parker.....	6
---	---

AAAA NEWS

AAAA — Scholarship Foundation Announces 1990 Program.....	80
AAAA — CommandCare CHAMPUS Supplement Offered.....	83

THE 1989 AWO DIRECTORY

The 1989 Aviation Warrant Officer Directory.....	42
--	----

SPECIAL REPORT: SIMULATION & TRAINING

Simulation and Team Training by LTC Ron Schneider.....	26
AH-1S COBRA Helicopter Flight/Weapons Simulation by Debbie A. Kravchuk.....	30
AH-64 APACHE Combat Mission Simulator by Eric Routledge & Willie Lapham.....	32
Combat Mission Simulators for Special Operations by LTC Paul Hinote.....	34
UH-60 Flight Simulator Update by LTC Henry Scheuer.....	36
CH-47D Flight Simulator by CPT Paul Hicks.....	38

FIELD REPORTS

Competitive T800 Source Selection by LTC Arnold E. Weand, Jr.....	8
Living on the Edge (of Attack Doctrine) by CPT William Leary.....	12
4th Aviation Brigade: Tough Caring by COL Blair K. Blacker.....	14
Climb to Glory! by LTC Stephen K. Cook.....	16
ARTEP Mission Training Plans by Curtis Frazier.....	18
The Scout in the AH-64 Battalion by CPT Douglas M. Gabram.....	20
CH-47D Fielding to Eighth USA, Korea by Norm Huston & CWO Jimmy Husband.....	21
We Meet the Challenge by LTC Paul M. Severance.....	22
Screaming Eagles get APACHES by LTC (P) Thomas Garrett & CPT (P) Ronald Buffkin.....	23
Aviation NCO Symposium by MSG Scott F. Rockwell.....	24
An Open Letter to Aviation Commanders by LTC (P) Michael D. Dallas.....	25

OTHER DEPARTMENTS

AAAA Calendar.....	86	Career Track.....	81
AAAA Overview.....	84	Command Changes.....	65
"Arrivals & Departures".....	72	Mailbox.....	65
Awards and Honors.....	71	Membership Application.....	77
Briefings.....	71	New Members.....	76

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A Farewell to the Branch

by Major General (P) Ellis D. Parker

When I began my career as an Army Aviator over thirty years ago, it never crossed my mind that I would someday serve as Army Aviation Officer and Chief of a new Army Aviation Branch. I have been privileged to do that, however, during most of the 1980's and have observed the giant strides taken by our Branch. I watched these developments from my

capable of making to Army preparedness.

Essential to the success we have enjoyed as a Branch is the exemplary cooperation shown by our military, civilian, and industrial aviation team. There does not exist anywhere a more closely knit group with more singleness of purpose than this team. Few people will argue the point that Army Aviation is an imposing and dynamic pre-

“[AAAA] has served us extremely well and provided services far too numerous to mention here.”

positions as Deputy Director of Requirements and Army Aviation Officer in the Office of the Deputy Chief of Staff for Operations, then briefly as Assistant Commandant here at Fort Rucker, and finally as Commander of the U.S. Army Aviation Center and Chief of Army Aviation since January 1985.

sence on today's battlefield with a plan for the future that will maintain that presence well into the next century. This contribution the Aviation Branch makes to our Army and the Nation could not be possible without the full and timely support of Branch personnel — both military and civilian — and also the dedicated, patriotic members of the aerospace industry.

Roots of Army Aviation

The emergence of Army Aviation as a full-fledged member of the combined arms team is rooted in the vision, effort and performance of each of our founding fathers. That group includes not only those people whose names are readily recognized, but it also includes every soldier, warrant officer and officer who demonstrated in countless ways the contributions air assault was

MG (P) Parker was Chief, Aviation Branch, Commanding General, U.S. Army Aviation Center and Ft. Rucker, AL and Commandant, U.S. Army Aviation Logistics School. He has been nominated to Lieutenant General and assigned Director, Army Staff, Washington, D.C.

Thanks to AAAA

Special recognition is due the Army Aviation Association of America (AAAA). This organization has served us extremely well and provided services far too numerous to mention here. Suffice it to say that AAAA was the rallying point for Army Aviation for many years. Before we became a branch, when aviators and aviation soldiers were spread among eight separate branches, the one constant was AAAA, always representing Army Aviation in a highly positive and professional

(MG Parker — cont. on page 70)



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Hardware:

Competitive T800 Source Selection

by LTC Arnold E. (Sandy) Weand, Jr.



major general, reports directly to a Source Selection Advisory Council or SSAC. The SSAC is composed of a number of general officer and senior executive service civilians representing Department of the Army agencies and selected MACOMs. The SSAC chairman reports directly to the Army Acquisition Executive and the Secretary of the Army. The second chart shows the source selection organizational structure. The responsibility of the SSEE is to evaluate and score the proposals only; the SSAC recommends a source selection decision to the source

ST. LOUIS, MO — Last month you will recall we covered the initiation of the T800 Program and establishment of competition as the key to the performance-oriented acquisition strategy. Industry responded by forming three contractor teams and participated in the development of the final request for proposal (RFP).

The RFP was released to industry on 5 December 1984. The contractor team's response or proposals to this RFP were received by the Government on 5 March 1985.

Proposals

Each contractor team's proposal contained a contract, an engine system specification, and a series of specific program plans dealing with various acquisition disciplines such as maintainability or reliability programs. Each team's engine system specification included, as a minimum, the RFP requirements, or if desired by the team, more stringent requirements than the minimum RFP requirements.

If selected to participate in the program, the team's engine system specification and program plans would greatly influence the T800 program. You may recall each team had already participated in development of the RFP, thus having

LTC Weand is Assistant Program Manager for T800 Engine, St. Louis, MO.

some previous influence on the requirements for the T800 program.

Evaluations

These proposals from the three competing engine teams were evaluated by a source selection evaluation board (SSEB). The board was con-

AGENCIES PROVIDING EVALUATORS TO THE 1985 SSEE

AVSCOM SUPPORT	OTHER AGENCY SUPPORT
LHX PM	AIR FORCE MATERIALS LAB
ENGINEERING DIRECTORATE	AIR FORCE PROPULSION LAB
APPLIED TECHNOLOGY LAB	NAVAL MATERIAL COMMAND
PROPULSION LAB	NAVAL AIR PROPULSION LAB
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MATERIAL MANAGEMENT DIRECTORATE	ARMY MATERIAL & MECHANICS RESEARCH CENTER
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PLANS AND ANALYSIS DIRECTORATE	USAEUR
LEGAL	TRADOC
PRODUCT ASSURANCE DIRECTORATE	ARMY MATERIAL SYSTEM ANALYSIS AGENCY
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MAINTENANCE DIRECTORATE	HARRY DIAMOND LAB
SMALL BUSINESS OFFICE	CHEMICAL LAB
ENGINEERING FLIGHT TEST ACTIVITY	CORPUS CHRISTI ARMY DEPOT

vened on 1 March 1985 at the Army facility located in Granite City, IL and was staffed by the best qualified individuals available with AVSCOM and many other supporting DoD activities and agencies. The chart above shows the organization that provided expertise in the detailed evaluation and scoring of the proposals.

The SSEB, chaired by a

selection authority. The Secretary of the Army as the source selection authority, makes the source selection.

The SSEE deputy chairman was the technical expert and full time leader of the evaluation board. The Army selected the Director of the Army's Propulsion Directorate, NASA Lewis Research Center, as the (Selection — cont. on p. 66)

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TG-3A Army/Air Force training glider

1950's



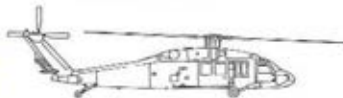
OH-13 Production source for cabin and frame assemblies

1960's



YO 3 A Quiet observation aircraft—operational in Southeast Asia

1970's



UH-60A Production source for gunner windows and other assemblies

1980's



TH-55/TH-300C Product support of Ft. Rucker fleet/Manufacturer of Model 300C product line

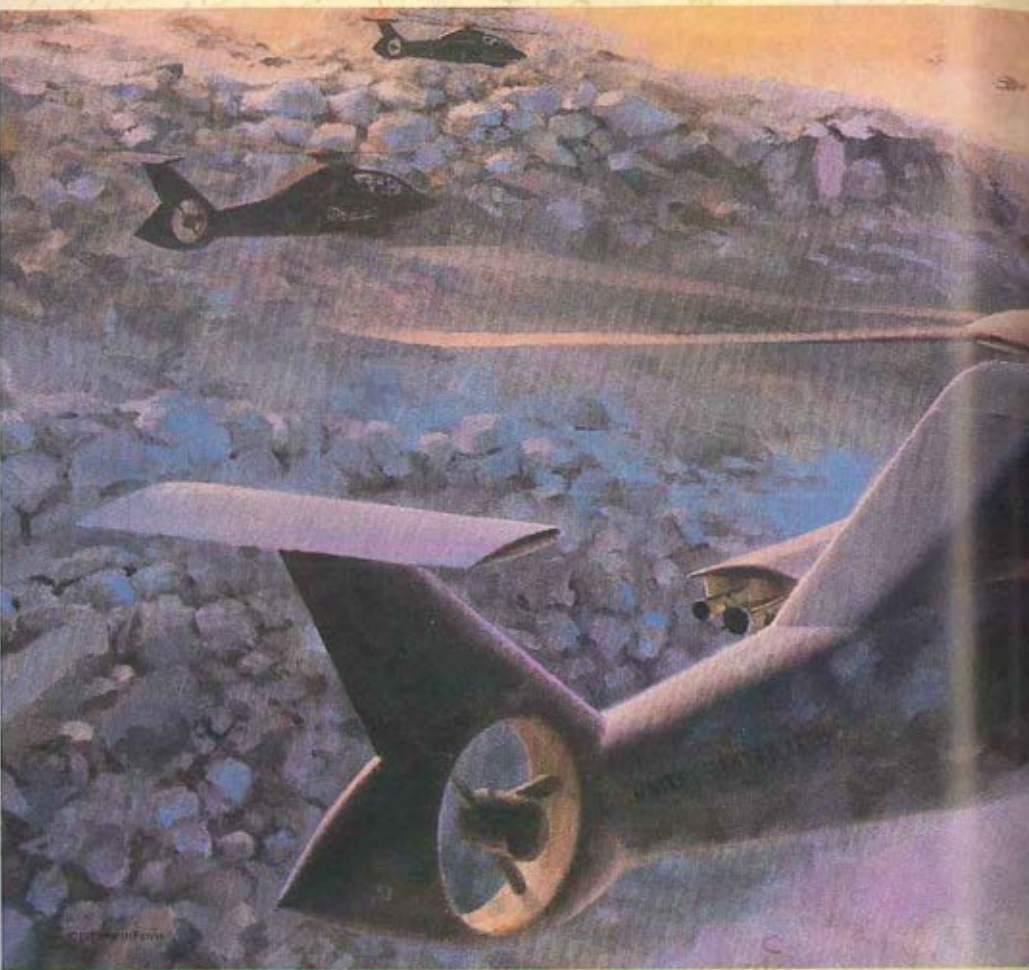


TH-330

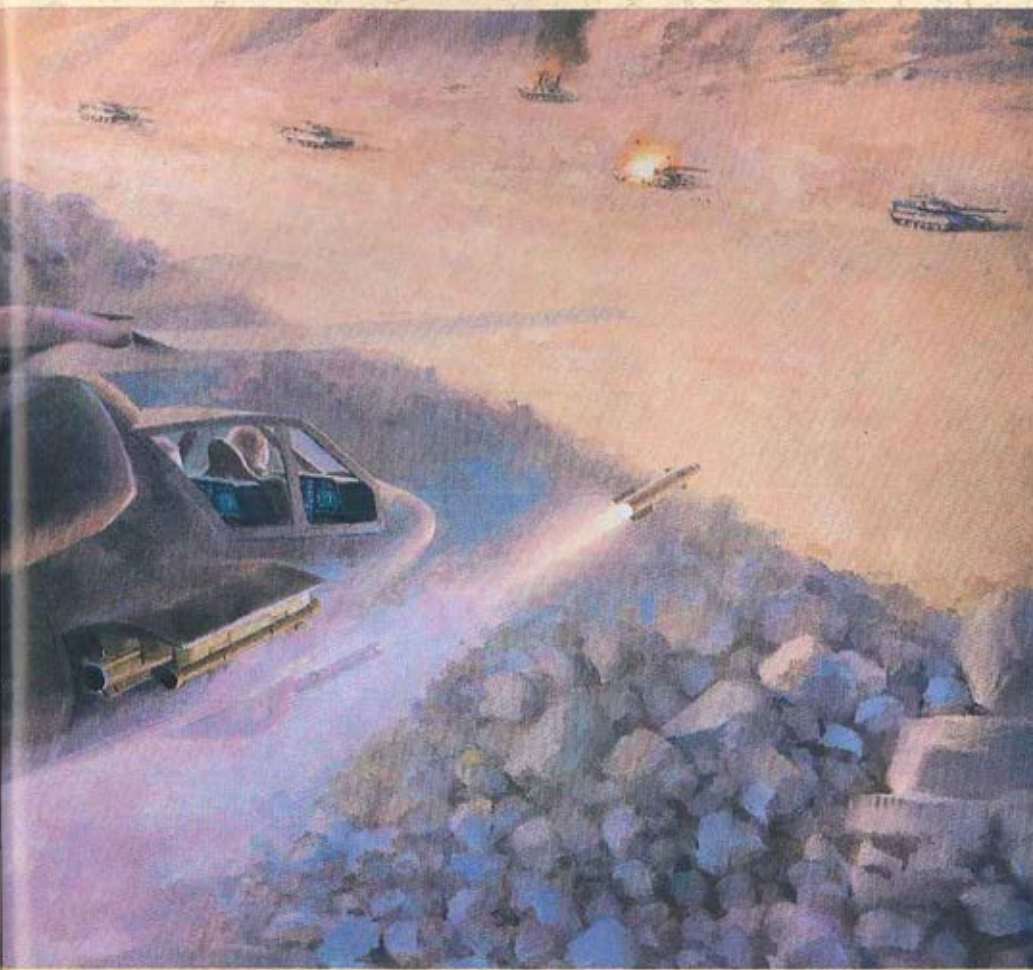
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Operations:

Living on the Edge (of Attack Doctrine)

by Captain William Leary

FORT RUCKER, AL — The 2d Battalion (Attack), 229th Aviation at Fort Rucker, AL continues to become a unique leader in the validation of current attack helicopter doctrine. A unit often forgotten in the "grand scheme of maneuver," the 2-229th is paving the way for future Corps attack battalions through participation in new programs and diverse exercises.

In the Beginning...

When C Troop, 1/6th Cavalry was first attached to the Army Aviation Center and Fort Rucker from Fort Hood, TX in early 1981, its primary mission was to support the requirements, including the verification of doctrine, of the Aviation Center. In its early history as C Troop, 1/6th Cavalry and later as D Company, 229th Attack Helicopter Battalion, the unit participated in some important tests and exercises but was limited in its abilities (primarily logistical and administrative) as an H Series AH-1 TOE unit. Changes in the AirLand Battlefield and the fielding of the AH-64 APACHE would quickly change these abilities.

Evolution of an Asset

When the unit began transition to the 226th Attack Helicopter Battalion in 1986, its ties

to the 101st Airborne Division became stronger and the unit's mission became two-fold: mission support for the 101st Airborne Division and testing and evaluation for the Aviation Center. The extent of deployments, testing and evaluation grew to include rotations to the National Training Center at Fort Irwin, CA, stress testing for the United States Army Aeromedical Research Laboratory (USAARL), combined exercises with the 101st Airborne Division at Fort Campbell, and support of live-fire exercises at the Aviation Center, to name but a few. These exercises and tests helped to tactically prepare the unit for the future. The battalion also successfully completed the Army Resource Management Survey (ARMS) inspection in December 1987. The tactical prowess of the battalion was proven through this strong support/operational readiness role.

In April 1988, the 226th ATKHB began yet another transformation. All AH-1 and UH-1 related equipment was prepared for turn-in in preparation for receipt of the AH-64 APACHE and UH-60 BLACK HAWK. The unit would become an XVIII Airborne Corps attack asset and because of its location at the Home of Army Aviation would also be able to fully test new doctrine being developed by the Aviation Center.

In early 1988, as the AH-1 and UH-1 aircraft were being shipped away, the unit feverishly began the vast preparations necessary to convert to an AH-64 battalion. While soldiers were sent to MOS producing schools and new equipment was received, the unit continued the testing role by assisting in the Digital Automated Rapid Targeting System operational tests for the United States Army Aviation Board.

SSUFT

Commanders and staff began extensive planning for a six month deployment to Fort Hood, TX to participate in the AH-64 Single Station Unit Fielding Training (SSUFT) program under the tutelage of the APACHE Training Brigade. The battalion deployed to Fort Hood, received new aircraft, was activated as the 2d Battalion (Attack), 229th Aviation Regiment on 15 December 1988, and on 28 March 1989 completed the AH-64 Unit Training Plan; all of which challenged the abilities of the newly activated battalion. The rigorous training culminated in the successful execution of the second Corps level Army Training and Evaluation Program (ARTEP) exercise evaluated by the APACHE Training Brigade.


What the Future Holds

After the return to Fort Rucker as a fully trained, combat ready attack battalion, the unit began preparation for the new and varied support roles which lay ahead. Already, the battalion has participated in an Emergency Deployment Readiness Exercise (EDRE) in support. (Living — cont. on p. 63)

CPT Leary is S-1, 2-229th Aviation, Fort Rucker, AL.

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Operations:

4th Aviation Brigade: Tough Caring

by Colonel Blair K. Blacker



FORT CARSON, CO — Set against the panoramic backdrop of the Colorado Rockies, the name of the game for the 4th Aviation Brigade is intense training. The 4th Infantry Division (Mechanized) is the only mechanized infantry division in CONUS with three active duty brigades. Each of the ground brigade commanders realizes the combat multiplier effects of Aviation, and all use these assets well. For the 4th Brigade, this translates to a training schedule filled with activity.

A typical training year consists of the FORSCOM Aviation Resource Management Survey (ARMS), two or three NTC rotations, two or three Pinon Canyon Maneuver Site rotations (a remote 244,000 acre training area used as a train-up site for brigades deploying to NTC), Aerial Gunnery (certifying for aviation use the new multipurpose range complex), FORSCOM support, and all the daily Division support the Brigade can handle.

4th Brigade

The Mountain Post offers a most challenging training environment for the Brigade. For most pilots, an engine failure at 6,000 feet MSL means time to think the situation through. Ft. Carson pilots are at base operations filing flight plans at 6,000 feet. Flying between 10,000 and 14,000 feet

COL Blacker is Commander, 4th Aviation Brigade, 4th Infantry Div., Ft. Carson, CO.

has given the aviators an unequalled opportunity to understand the power limitations of the aircraft, and develop individual pilot technique. When an aviator leaves Ft. Carson, the Army receives the best trained pilot it can get. The mountain training Program of Instruction, (POI), established at Ft. Carson is highly regarded and has been exported to other units (Active and Reserve) as the example to fly by when in the mountains. Tough caring, making tough decisions that affect soldiers because the decision is right, is the command philosophy by which the brigade trains. The Brigade is organized into 1-4 Aviation Regiment (Attack), 2-7 Cavalry Squadron, Task Force 4-4 AVN, F Co (AVIM), and HHC, 4th Brigade.

1st Battalion, 4th Avn Regt

1st Battalion, 4th Aviation Regiment, commanded until recently by LTC Thomas M. Hayes and CSM John C. Crocker, continually sets the standard at the NTC. The November 1988 rotation proved to be an outstanding success as Task Force Falcon killed an amazing 31 OPFOR vehicles in a single battle, an aviation record at the NTC.

The success of 1-4 at the NTC can be attributed to LTC Hayes' innovative ideas of fighting. Aviation assets deployed to NTC are deployed as one task force. One Tactical Operations Center (TOC) and flight operations section fully

integrates all assets toward the winning goal. Another innovation is the use of a CSAC UH-1 as a "TOW Cache" aircraft. The aircraft, loaded with 16 TOW Anti-Tank Weapon Effects Simulator System (ATWESS) cartridges and armament personnel, flies with the attack companies providing responsive rearmament capability. Turn around is quick and the COBRAs remain in the battle a significantly longer time. 1-4 would not shoot and kill as effectively if not for the intense MILES Gunnery training conducted prior to each rotation to the NTC. LTC David R. Reger has now assumed command of the 1-4.

Joint Air Attack Team

1-4 has mastered JAAT as well. The battalion has integrated the OH-58D in its JAAT training which culminated in its participation in the May 1989 JAAT with the Fighter Weapons Squadron at Nellis AFB, NV.

The soldiers of 1-4 not only excel at flying and combined arms operations, their supply and maintenance capabilities are outstanding. In March, under intense scrutiny by the Division, the battalion aced the Division command inspection, receiving "commendables" in 17 of 17 areas.

Following the June 1989 NTC rotation, 1-4 began a stand down and started the process of turning in its COBRA fleet for APACHES. The battalion leaves for Ft. Rucker in January 1990 to receive flight instruction/qualification. Following this qualification, the battalion will spend five months at Ft. Hood to draw aircraft and complete the train-up process, culminating in a December 1990 ARTEP. January 1991 will see the battalion re- (Caring — cont. on p. 64)



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L T V : L O O K I N G A H E A D

Operations:

Climb to Glory!

by Lieutenant Colonel Stephen K. Cook

FORT DRUM, NY — As the family of Army Aviation matures and becomes fully integrated as a member of the combined arms team, we find new aviation units being activated in a number of locations. One of the most recent activations has been the 10th Aviation Brigade of the 10th Mountain Division (Light).

The 10th Mountain Division (Light) is uniquely trained and equipped to fight throughout the spectrum of war, from low intensity conflict on up to reinforcing forward deployed heavy forces on the European battlefield.

The doctrine that is being written today by the 10th Mountain Division at Fort Drum, New York is built on strong junior leadership, small unit actions, and an offensive spirit.

Review

A quick review of a Light Division's capabilities and limitations shows that a Light Division now gives the FORSCOM Commander a number of capabilities that were not available before using a heavy environment thought process. A Light Division is:

- deployable within six days;
- able to move in and through difficult terrain;
- capable of capitalizing on the use of stealth;
- offense oriented;
- capable of fighting light or as part of the heavy team.

LTC Cook is Commander, 3d Battalion, 25th Aviation (Assault), Ft. Drum, NY.

Even though the Light Division does give a commander many new capabilities, the Light Division is not without its limitations. A Light Division's:

- battlefield speed is limited;
- defensive capabilities have been questioned; especially in reference to anti-armor and air defense;
- sustaining capability is limited.



On 1 July 1988 the 10th Aviation Brigade, under the command of COL Greg Snelgrove, was activated at Griffis Air Base, Rome, NY. Once this brigade is completely filled to TOE strength, the brigade will have the assets necessary to assist the Commander of the Mountain Division in overcoming each limitation noted above.

Activated initially with the Brigade were: 3d Squadron, 17th Cavalry commanded by LTC Bill Belich and 2d Battalion, 25th Aviation (Attack Helicopter) commanded by LTC Terry Gannon.

The Cavalry Squadron is authorized one ground and two air

troops consisting of 12 OH-58 scout, eight AH-1S attack, one UH-1H utility aircraft for a total of 21. They are authorized 27 officers, 25 warrant officers, and 210 enlisted personnel for a total of 262 soldiers. The Attack Battalion is authorized 37 aircraft, 21 AH-1S attack, 13 OH-58 scout, and three UH-1H utility. They are authorized 21 officers, 50 warrant officers, and 168 enlisted personnel for a total of 239 soldiers. The Headquarters and Headquarters Company of the Brigade is authorized 159 soldiers, 21 officers, three warrant officers, and 135 enlisted personnel.

"Warriors from the Sky"

The last element within the Brigade to activate was the 3d Battalion, 25th Aviation (Assault). The "Warriors from the Sky" were activated on 16 October 1988. Commanded by LTC Steve Cook the battalion is authorized 55 aircraft, 46 UH-1H utility, six OH-58 scout, and three EH-60 electronic warfare helicopters. It is composed of two Assault Helicopter Companies, one Command Aviation Company, a Headquarters Company and an Aviation Unit Maintenance Company (AVUM). They are authorized 324 soldiers, 18 officers, 96 warrant officers, and 210 enlisted personnel. The 3-25 Assault Helicopter Battalion will transition one assault company to UH-60 commencing 3d quarter FY90.

Each unit with its own capabilities has made a significant impact on the readiness of the 10th Mountain Division (Light). The activation of the Aviation Brigade marked a transition for the entire Mountain Division. A transition that will carry the Division to greater glory in the future. Climb to Glory!

IIIIII

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This innovative weapon system was designed by Shorts and is currently under development for production and delivery soon to the British Army.

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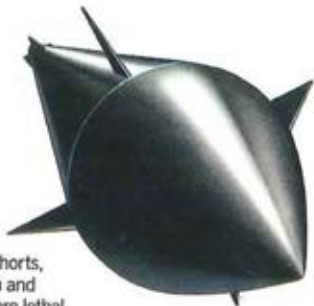
completely redefined the state-of-the-art in close air defense. No other system provides such devastating speed and accuracy. The British Ministry of Defence has contracted for the early deployment of Starstreak in Western Europe.

Shorts is teamed with Boeing Aerospace to adapt Starstreak to the Avenger as an upgraded pedestal-mounted air defense system for the U.S. military. McDonnell Douglas Helicopter Company and Martin Marietta Electronics Systems are working together with Shorts to integrate Starstreak as an air-to-air missile on the Apache Helicopter.

Blowpipe, Javelin and Seacat are also produced by Shorts, so Starstreak is only the latest in a succession of proven and technically excellent weapons. But much faster and more lethal than anything that's gone before. Which is good to know. Providing it's not pointing in your direction.

SHORTS

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Training:

ARTEP Mission Training Plans (AMTP)

by Curtis Frazier



FORT RUCKER, AL — Army Aviation has accelerated the production and fielding of Army Training and Evaluation Program (ARTEP) Mission Training Plans (MTPs) for each type of aviation unit by one and one-half years. Currently, the ARTEP MTPs for Attack Helicopter Company, Assault Helicopter Company, Medium Lift Helicopter Company, Air Cavalry Troop, and Air Traffic Control have been fielded or will be fielded by the start of FY90. This means that most Aviation units will have their AMTP. The previous ARTEP production schedule was not to be completed until the first quarter of FY94. Now, the new completion date for all products is the third quarter of FY92.

A listing of the accelerated ARTEP MTPs is shown in the top box at the right.

A synopsis of the changes starts with the development of a single volume MTP that will incorporate the platoon assets of the Aviation Headquarters Company at battalion and brigade levels. The program will be completed by MTPs for Theater Aviation Company, Command Aviation Company, and Target Acquisition Company.

The United States Army Aviation Logistics School (USAALS)

Mr. Frazier is an education specialist in the Individual and Unit Training Division, Directorate of Training and Doctrine, Fort Rucker, AL.

produced ARTEP MTPs for aviation logistics. Both programs combine to provide the full complement of aviation AMTPs. The USAALS production schedule is shown below.

Most old ARTEP manuals have been replaced by the AMTP. However, the following ARTEPs will remain in effect until the accelerated ARTEP Program is completed in FY92.

● ARTEP 01-55, Aviation Battalion (1986).

● ARTEP 01-252, Headquarters and Headquarters Detachment, Combat Aviation Group/Battalion (1986).

● ARTEP 01-127, Army/Corps Aviation Company (1985).IIII

Accelerated ARTEP MTPs

Product	Title	Fielding Date
1. ARTEP 01-227-10-MTP	Air Traffic Control	88/3
2. ARTEP 01-187-30-MTP	Attack Helicopter Company	89/2
3. ARTEP 01-108-30-MTP	Air Cavalry Troop	89/2
4. ARTEP 01-103-30-MTP	Assault Helicopter Company	89/3
5. ARTEP 01-247-30-MTP	Medium Helicopter Company	89/4
6. ARTEP 01-227-DRILLS	Air Traffic Control Platoon	89/3
7. ARTEP 01-100-MTP	Aviation Command and Staff	90/4
8. ARTEP 01-100-30-MTP	Hqs and Hqs Company, Avn Brigade/Battalion	91/2
9. ARTEP 01-607-30-MTP	Theater Aviation Company	91/4
10. ARTEP 01-217-30-MTP	Command Aviation Company	92/3
11. ARTEP 01-419-30-MTP	Target Acquisition Reconnaissance Company/Platoon	92/3

USAALS Production Schedule

Product	Title	Fielding Date
1. ARTEP 01-933-30-MTP	Avn Intermediate Maintenance Co., Heavy Div.	89/3
2. ARTEP 01-129-30-MTP	Avn Unit Maintenance, Avn Maintenance Company	89/4
3. ARTEP 01-926-30-MTP	Hqs and Hqs Co., Avn Maintenance Battalion	90/1
4. ARTEP 01-926-MTP	Hqs and Hqs Co., Battalion	90/2
5. ARTEP 01-927-30-MTP	Avn Intermediate Maintenance Company (Air Assault)	90/3
6. ARTEP 01-946-30-MTP	Hqs and Hqs Detach, Avn Bn, Avn Unit Maintenance, Corps	90/4
7. ARTEP 01-946-MTP	Avn Battalion, Avn Unit Maintenance, Corps	91/1
8. ARTEP 01-947-30-MTP	Aviation Company, Aviation Unit Maintenance, Corps	91/2

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EMB-120 Pilot Transition
PC-7 Instrument Flight Trainer
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F-15E LANTIRN Trainer

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Operations:

The Scout in the AH-64 Battalion

by Captain Douglas M. Gabram



FORT RUCKER, AL — *"Viper, (AH-64), this is Eyeball (armed OH-58D). We have a column of T-72s moving west into EA Steel, 350 degrees, request remote ripple HELLFIRE, code alpha and bravo."*

"Eyeball, this is Viper, ready over."

"Viper, this is Eyeball, fire, re-

The AH-64 now gives the maneuver commander a dynamic capability to influence the modern battlefield. This advanced attack helicopter's speed, mobility, and firepower coupled with a compatible scout, truly exploits the AirLand Battle Doctrine. The role of the scout is extremely critical to enhance the

maneuver with the tank. They complement each other as would the armed OH-58D and the AH-64. The optimal solution for a scout in an Attack Helicopter Battalion (ATKHB) is the armed OH-58D.

OH-58C

Present TOE dictates the OH-58C as the primary scout aircraft in an ATKHB. Until this fact changes, we must smartly utilize the unarmed OH-58C to accomplish the attack mission. If properly employed, the OH-58C in an AH-64 ATKHB can effectively perform the following duties:

- Coordinate indirect fires and CAS.
- Control JAAT operations.
- Coordinate operations and develop the enemy situation.
- Acquire, identify, and report targets.
- Clear routes to holding areas and battle positions.
- Provide security for attack helicopters while they engage targets.
- FARP operations.
- Passage point coordination.

The use of OH-58C scouts in cross-FLOT missions continues to be a sensitive subject. It is my experience both as a scout and attack pilot that the OH-58C should not accompany the cross-FLOT. The primary reasons are the lack of speed, maneuverability, effective optics, and laser designation ability. However, the OH-58C performs critical command and control operations at the passage point as the AH-64s cross the FLOT, and upon their return. Even with the AH-64's advanced technology, the OH-58C still serves a vital role in attack helicopter operations.

(Scout — cont. on p. 61)



quest laser on over."

"Eyeball, this is Viper, shot over laser on."

"Missiles impact! Numerous armored vehicles destroyed, arms and legs all quadrants, we're suppressing small arms fire on our right flank, Eyeballs breaking station."

CPT Gabram is Commander, B Company, 1st Battalion, 101st Aviation Regiment, Ft. Campbell, KY.

AH-64's combat effectiveness. The scout aircraft and the AH-64 must possess similar navigational, laser, and optical systems. The scout must also possess the mobility of the AH-64. The perfect analogy is the compatibility of the Bradley and the M-1 tank. The ground scout vehicle (Bradley) complements the M-1 main battle tank by having the ability to observe, fire and

Hardware:

CH-47D Fielding to Eighth U.S. Army, Korea

by Norm Huston & CWO Jimmy Husband

ST. LOUIS, MO — The fielding of CH-47D aircraft to Korea was one of the most challenging materiel fieldings to date. Several apparently insurmountable logistics problems had to be resolved prior to aircraft movement. The foremost of these problems was the transportation/line haul of aircraft from point of embarkation in Korea to the reassembly point. Only through the concerted effort of the Materiel Fielding

hours of planning and coordination between a number of different organizations had taken place and logistical support packages were being readied at depots in CONUS for shipment to Korea. Personnel status in Korea had been studied to ensure that the soldiers assigned to the using and support units were properly trained and ready to take on the mission of maintaining the newly assigned aircraft.



Team in Korea was this situation overcome. The first aircraft for Alpha and Bravo Company 2/501st began arriving in country in February 1989.

Long before the arrival of the first aircraft in country, many

Mr. Huston is Logistics Manager, CH-47D Materiel Fielding, CH-47D/Army V-22 Aircraft Programs Project Manager's Office, St. Louis, MO. Mr. Husband is with the CH-47D Materiel Fielding Team, 45th Transportation Company, Camp Humphreys, Korea.

One of the largest hurdles overcome was shipment of the aircraft from Boeing Helicopters' factory in Philadelphia, PA, to Korea. Many methods were studied and all proved impossible with the exception of deployment by C-5 cargo aircraft. The obstacle to overcome initially with this method was locating ports of embarkation and debarkation with facilities suitable for disassembly and reassembly

of the CH-47C and D model aircraft being shipped. In CONUS this problem was solved by the CH-47 Program Managers Office by negotiating with the 89th Aviation Support Facility and Company C, 2d Battalion, 158th Regiment of the Army Reserve located in Olathe, KS.

Olathe, KS, had the facilities and experienced personnel required to meet the task at hand and had been utilized previously by the PM in fielding Europe and to prepare returning CH-47C model aircraft from Germany for issue to CONUS Reserve units. In exchange for this support the pilots and crew members would have an earlier opportunity to become qualified in the CH-47D.

A simple solution was not as easily found in Korea. Only a few airfields were available in country capable of handling a C-5 and also able to provide the necessary facilities to reassemble the aircraft. The preliminary plan was to contract out the disassembly and reassembly of the aircraft. Contract negotiations were initiated. This plan, however, left very little control of the fielding process to the PM representatives and an on schedule fielding could not be guaranteed. Negotiations were again started with the Air Force for use of facilities at Osan AFB, which is only 15 miles from Camp Humphreys. No hangar or ramp space could be provided for buildup or tear-down but a schedule was finally agreed upon to allow the use of Osan as a port of embarkation and debarkation.

Negotiations with commercial contractors were not progressing quickly so a contingency plan was devised. The 45th Transportation Company (AVIM) is the (Fielding — cont. on p. 67)

Maintenance:

We Meet the Challenge!

by Lieutenant Colonel Paul M. Severance



APO NEW YORK — The past 16 months have witnessed many exciting changes in how the 8th Battalion, 158th Aviation Regiment supports the Victory Corps' combat aviation assets in the field.

In February 1988, Bravo Company conducted the first-ever reconstitution of combat aviation assets in V Corps. Serving as an integral element of a 3d Corps Support Command multi-functional reconstitution task force, TF EFFINGER, commanded by CPT Craig Effinger, executed the reconstitution of an air cavalry troop from the 4th Squadron, 11th Regimental Cavalry Aviation Squadron.

Deploying on eight hours notice, the 75 personnel and 37 vehicles and major pieces of support equipment of TF EFFINGER moved to a German Kaserne northeast of Giessen. Configured to provide responsive "one-stop" maintenance on "move-shoot-communicate-survive" systems, the TF received eight "battle-damaged" aircraft and, within 26 hours, returned ten mission capable aircraft to the CAV, including two operational readiness float aircraft ferried forward to replace CAV "battle losses."

In all, over 50 "real-world" work order requests were accomplished in addition to the two "float" transactions. Key to the

success of this mission was a combat Authorized Stockage List (ASL) tailored to the CAV's aircraft, extensive repairable exchange (RX) and Operational Readiness Float (ORF) black boxes for armament and avionics, and forward-deployed ORF aircraft assets. Needless to say, the many lessons learned from this exercise have proven extremely valuable as we have continued to refine and enhance the V Corps aviation reconstitution mission.

To the Field

In September 1988, the CHALLENGE Battalion again took to the field in force. CPT Bob Saunders led a 110-man task force forward to Bad Kissingen to support V and III Corps aviation during exercise CERTAIN CHALLENGE/REFORGER 88.

Accompanying TF SAUNDERS were the Battalion HHD and elements of Alpha Company to provide command, control, and life support, and conduct rear battle operations. TF SAUNDERS set up shop in proximity to the AVIM elements of the 12th CAB and the 4-11th RCAS and launched a maintenance contact team forward to support the 3d Armored Cavalry Regiment. Again utilizing a tailored support capability forward with heavy shops and ASL support in the rear, TF SAUNDERS provided responsive, highly effective AVIM support throughout the

exercise, including two aircraft recoveries. Organic aircraft flew in excess of 240 hours during the two week exercise, pumping parts and black boxes forward, evacuating unserviceable components rearward, and transporting maintenance contact teams and equipment throughout the AO to support Victory Corps aircraft.

Reconstitution Capabilities

This past April, MG Thomas B. Arwood, Commander, 3d Corps Support Command, showcased the unique reconstitution capabilities of the 8-158th Aviation during the spring V Corps Terrain Walk. Working from an austere field operating location at Hornberg-Etze, a leaner, yet more capable TF SAUNDERS demonstrated its impressive reconstitution capabilities to the senior leadership of the V Corps and its NATO allies. Again, the lessons learned from this valuable exercise will pay rich dividends for V Corps Aviation as we continue to refine and enhance the aviation reconstitution mission even further.

For 1989, we are working even harder to increase our tactical mobility and our forward-deployed aviation support maintenance capability. Major initiatives in this effort will include a tailored support team for Corps SEMA assets, a mobile, forward-deployed AH-64 support team, and the capability to conduct back-to-back reconstitution missions to rapidly restore the war-fighting capabilities of V Corps aviation. Although these are significant challenges, the dedicated men and women will live up to the Battalion's motto and:

"MEET THE CHALLENGE!" IIIII

LTC Severance is Commander, 8th Battalion, 158th Avn Regt., APO New York.



Operations:

Screaming Eagles Get APACHEs

by LTC(P) Thomas Garrett & CPT(P) Ronald Buffkin



FORT CAMPBELL, KY — The air assault division's newest weapon, the AH-64 APACHE, arrived here when the 101st Aviation Brigade's 1st Battalion returned from Fort Hood, TX, after successfully completing APACHE fielding.

MG Teddy G. Allen, then commander of the 101st Airborne Division (Air Assault), flew in the lead APACHE as the unit marked its return home with an approach over neighboring Clarksville, TN, and Fort Campbell. Fourteen AH-64s, nine OH-58s, and one UH-60 BLACK HAWK descended upon Sabre Army Helipoint, where the returning aircrews were greeted by their families.

The battalion's homecoming was preceded by a six-month stay at Fort Hood, where the unit went from aircraft pickup to Army Training and Evaluation Program in a demanding process known as APACHE Single Station Unit Fielding. While at Fort Hood, the battalion was attached to the APACHE Training Brigade (ATB). The ATB's mission is to guide, support, and assist the fielding of all AH-64 battalions. The 1-101st is the eleventh battalion to complete fielding.

Once the battalion picked up its first APACHEs from the assembly line at the McDonnell Douglas Helicopter Co. plant in

LTC(P) Garrett is Commander, 1st Battalion, 101st Airborne Division. CPT(P) Buffkin is Commander, C Company, 1st Bn, 101st AD, Ft. Campbell, KY.

Mesa, AZ, the unit Instructor Pilots began Aviation Readiness Level progression. Since all the AH-64 aviators were RL3, fresh out of school, and flying at a new installation, it was critical to have a solid plan to reach RL1 and Pilot In Command skill levels safely and efficiently. Using ATB IPs to train unit IPs first, the battalion then had the unit IPs start RL progression with crews.

The aeroscouts of the battalion arrived at Fort Hood ready to train. The 13 OH-58s of the battalion all conducted a self-deployment from Fort Campbell to Fort Hood using newly-arrived observers (MOS 93B) and experienced scout pilots. This deployment gave the aerial observers valuable training in navigation and radio procedures and was safely conducted over two days.

The rest of the battalion arrived shortly after the scouts via road and rail. All elements quickly settled into their new home and began training. The fielding process, designed to produce a combat-ready battalion from cooks to aircrews, began with all soldiers completing training in common skills, marksmanship, NBC proficiency, and fieldcraft.

The 1st Bn, 101st Avn Regt was fortunate to have many NCOs in the battalion on its COBRA days. These key leaders quickly organized and executed their required training while keeping the fleet flying. Each week brought new challenges for

leaders at all levels in the battalion, as they learned to fly and maintain the magnificent APACHE.

A key advantage to training at Fort Hood was the battalion's ability to design, plan, and execute its training with a minimum of training distractors. The days typically were long, but personally rewarding for members of the "Expect No Mercy" battalion.

Top Guns and Top Scouts

Two valuable programs, Aeroscout Stakes and Top Gun competitions, were used to promote healthy competition among aircrews and as an incentive for crew achievement. In the Aeroscout Stakes, each scout crew in the battalion had to complete a demanding day and night mission profile, including a route and zone reconnaissance, an aerial radiological survey, call for fire, numerous spot reports and other tactical tasks. This test gave all 13 scout crews a goal to train toward while the attack platoons completed RL progression.

For the APACHE crews, a Top Gun program was developed by the attack companies to determine which crew would get to fire a live HELLFIRE missile at the end of fielding. Events in the Top Gun program included aerial gunnery scores, annual gunnery skills test scores, a graded combat mission, six simulator flights, (Eagles — cont. on p. 63)

Enlisted:

Aviation NCO Symposium

by Master Sergeant Scott F. Rockwell

FORT RUCKER, AL — QUESTION: What do you get when you mix over 50 Aviation Brigade and Battalion Command Sergeant Majors with an equal number of Senior Noncommissioned Officers representing the aviation personnel, training, logistics and safety communities?

ANSWER: You get the Second Annual Aviation Noncommissioned Officer Symposium (AVNCOS 89) held at the United States Army Aviation Center (USAAVNC), 19-23 June 1989.

You also get an opportunity to update the worldwide Aviation community on a variety of projects and initiatives and receive instant feedback on their impact and efficiency.

Preparation

Preparation for the symposium began in January 1989 to ensure the widest possible support from the Aviation community, both active and reserve component. Coordinated by USAAVNC's Department of Enlisted Training, under the Director, CSM Hartwell B. Wilson, and the program coordinator, SFC Gregory Brooks, this year's symposium was a lively, useful exchange of information about current and future trends in Army Aviation.

The question and answer periods following each briefing resulted in lively, valuable discussions and important feedback

MSG Rockwell is Operations NCO, Dept. of Enlisted Training, USAAVNC, Fort Rucker, AL.

from the attendees. Each briefer left the symposium with a much better perception of real-world problems and many participated in the after-action report by providing in-depth answers to field questions.

Guest Speakers

Guest Speakers included MG Ellis D. Parker, then Commander, USAAVNC, and BG Clyde A. Hennies, Commander, U.S. Army Safety Center.

MG Parker gave a comprehensive overview of the state of Army Aviation. He cautioned the audience that aviation training developments and equipment modernization have increasingly become a "zero sum" game. MG Parker said that smart trade-offs must be made in the future to fall within constrained fiscal resources.

May-June Symposiums

In the future, this invaluable symposium will be a May-June adjunct to the Aviation Brigade Commanders' Conference normally held in November-December. This will ensure that each six months current doctrine, policies, and strategies are briefed to senior leaders in the field.

Comments on the symposium's conduct and effectiveness were uniformly positive and we look for even better participation and results in the future.

In his opening remarks, CSM Roy McCormes, USAAVNC

Command Sergeant Major, said there is an attitude among field command sergeant majors that they have little impact on the quality of aviation soldier training, new equipment acquisition and fielding processes, and aviation personnel initiatives. The tendency, McCormes said, is to, "blame the schoolhouse," for problems in these areas.

CSM McCormes went on to stress the importance of honest interplay between the field and the training, personnel and equipment managers.

Activities

Symposium activities included a myriad of aviation issue updates, with major briefings on the Army Aviation Modernization Plan (AAMP), current training initiatives and personnel/force structure plans. The focus of these briefings was on the 12-24 month window that will affect the operations and policies of current senior noncommissioned officer leaders.

In addition to these valuable updates, time was set aside for the attending command sergeant majors, both active and reserve component, to meet with CSM McCormes and to discuss issues of concern. An informal icebreaker and formal dinner were also included to foster camaraderie and to renew old acquaintances among the attendees. ■■■■

NEXT MONTH:

Next month's ARMY AVIATION magazine will feature an article by CSM Roy McCormes, U.S. Army Aviation Center Command Sergeant Major.

Personnel:

An Open Letter to Aviation Commanders

by Lt. Colonel (P) Michael D. Dallas



ALEXANDRIA, VA — Although I have been Chief of the Aviation Assignment Branch at Total Army Personnel Command for only a few short weeks, I feel that I should share some of my initial impressions with you on three important issues.

First, you should be aware that there has been a significant personnel turnover in Aviation Assignment Branch. You will find the new lineup of assignment officers with telephone numbers at the end of this article. Rest assured that the new crew is another group of outstanding officers who understand your needs and have your best interests as their top priority lists.

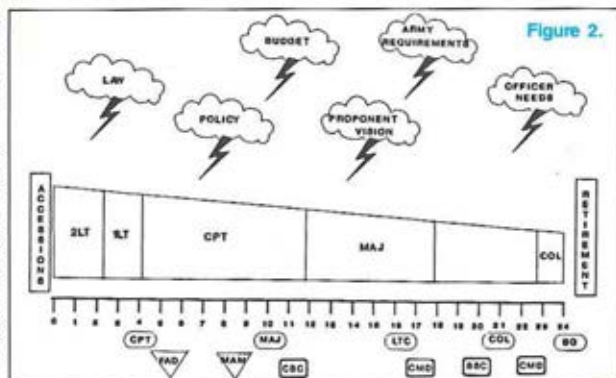
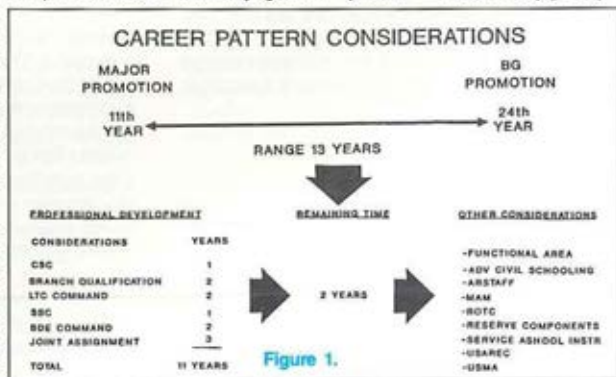
Our mission at Aviation Assignment Branch has not changed. In simple terms, we are responsible for developing aviation officers who are qualified to meet the requirements of the Army. We do this by placing officers in the right assignments and schools, at the right time and place. Figure 1 portrays an example of a career path which culminates at 24 years with promotion to Brigadier General.

As you can see, there are a number of competing demands which make the path to Brigadier General a difficult one and not many of us will make it. Last year, only two out of 162 eligible Aviation Colonels were promoted to Brigadier General. Figure 2

depicts the diverse career patterns considerations that must be negotiated.

It should be evident that there is very little time to touch all the bases with virtually no time to waste in the "wrong job". Although statistically not many of us will make it to General Officer, I believe every officer should aspire to reach this lofty goal.

This is where you come into the picture as commanders. Remember, I said our mission at Aviation Assignment Branch is to develop officers to meet the future needs of the Army. Your role in this process is multifaceted, but includes at least two critical responsibilities. First, you must understand the Officer Personnel Management System II (OPMS II) outlined in DA Pamphlet 600-3 and the Army Aviation Personnel Plan (A2P2) which implements OPMS II. Without a complete understanding of these two important documents you may damage Army Aviation's ability to develop its officers to meet in- (Letter — cont. on pg. 62)



LTC(P) Dallas is Chief, Aviation Assignment Branch, U.S. Total Army Personnel Command, Alexandria, VA.

Simulation and Team Training

by Lieutenant Colonel Ronald D. Schneider

Warfighting is a team process. Reconnaissance, attack, counter-air, rescue and other Army Aviation missions require precise multi-faceted team coordination, especially in hostile territory, at night or in adverse weather.

Although we're doing an exemplary job of training individual aviators and crews via the Synthetic Flight Training System (SFTS), we must now also take the next logical step to teach the tactical coordination and high-stress decision-making skills that will be critical to survival and success on Day 1 of Battle 2000.

"Team Training," the focus of the next decade, will operate on two levels:

- networking of aircraft simulators in the aviation training pyramid, known as MULTISIM, and
- synthesized combat exercises involving aviation simulators, armor simulators, command/control simulators and other training hierarchies, referred to as FORCE LEVEL SIMULATION.

MULTISIM

Team training exercises today, such as the National Training Center and REFORGER, require the mobilization of actual weapons systems. While an excellent training experience for the crews which participate, such exercises are extremely expensive and still lack many of the stress factors (due to safety and logistics considerations) associated with actual combat.

The networking of ground-based training devices, on the other hand, can expose crews to more information, higher combat workloads and therefore realistic stresses at much lower administrative and operational cost.

Last summer, a proof-of-concept demonstration

LTC Schneider is Product Manager, Aviation Training Devices, PM TRADE, Orlando, FL.

and evaluation was conducted at the Army Aviation Center, Ft. Rucker, of MULTISIM — a multiple simulator network employing existing full-fidelity SFTS helicopter simulators. The demonstration included four devices: an AH-64 APACHE Combat Mission Simulator, an AH-1S COBRA Flight and Weapons Simulator, and two UH-60A BLACK HAWK Flight Simulators. Each simulator, depending on the demonstrated mission, was visually represented in the common tactical data base as a friendly or threat aircraft.

Missions were planned and flown by experienced senior Army Aviators who have considerable combat experience. Missions involved formation flying, transport support, landing zone prep, target handover, multiple target engagement and counter-air combat. Some were conducted under simulated adverse weather conditions with limited visibility and used ANVIS night vision goggles with the UH-60 and AH-1 simulators as well as Pilot Night Vision System (PNVS) for the AH-64 simulator and FLIR.

Workload was battlefield-heavy. Crew members had to fly their aircraft, read maps and mission notes, operate avionics and weapons systems, interpret threat actions and respond to malfunctions...all while coordinating with team members.

Some of the lessons learned by the demonstration and by other studies of team training are:

- It is not necessary to procure separate simulators for individual and team training. Existing assets may be readily modified to support both types of training.

The devices were networked using adaptations of commercially available hardware and specially designed interface and management software.

MULTISIM integration, evaluation of training objectives and counter-air research were accomplished in little more than one month. The networking integration was performed by a small

group of engineers during the eight-hour-a-day maintenance periods when the SFTS complex was not fully used. The fourth simulator (the second BLACK HAWK), in fact, was not part of the original plans and was added — within a few days — to allow two-on-two counter-air scenarios.

- Networked simulators can address dynamic training objectives which are not feasible in the current training curriculum.

During the night support mission of the two UH-60s by the AH-64 and AH-1, for example, the team came under hostile fire. Split second coordination and a very high level of rapid decision-making was required by all the crews to avoid the threats, the terrain and each other — suppressing the threat while avoiding firing on quickly maneuvering team members.

Crew workload management was critical while using the Doppler system and APR-39 radar warning receivers in conjunction with nap-of-the-earth flight to avoid threats.

Night vision goggles and FLIR were shown to increase workload tremendously. The APACHE crews had to be aware of, and compensate for, the fact that their FLIR provided much more visibility than their team members' ANVIS systems.

When teams were forced to operate without a scout, they expended more effort in acquiring information to support their tactical awareness.

Significant differences in task execution were also noted between two-on-two versus one-on-one engagements.

- Simulation must provide the heavy workload that the aviator experiences in actual combat. The required fidelity level, in essence, is a reflection of the complexity of the training setting — not only the weapon system which the crew flies but also the myriad battlefield information influencing crew responses.

Indeed, the more competent the aviator, the more information they can handle. Networking simulation accurately reflecting "the limits" will give our attack teams the advantage, even in someone else's "home court."

Force Level Simulation

The top of the pyramid should be as close as training can approach to the first day of an actual battle — whether that battle is global or regional.

Those who survive the first few days of battle, we all know, greatly increase their chances in subsequent engagements. We also know the battlefield is the wrong place to learn to fight.

Ultimate Training Exercises

Synthetic combined arms team training, or Force Level Simulation, neither kills nor injures anyone, yet allows networks of various teams (aviation, armor, C3I), even decision-making skills. MULTISIM has been demonstrated as supporting helicopter tactical team missions. The Defense Mapping Agency (DMA) is mapping the world and Project 2851 is developing a common visual/sensor data base. We now have the technological ability to assemble these independent networks together into the ultimate training exercises.

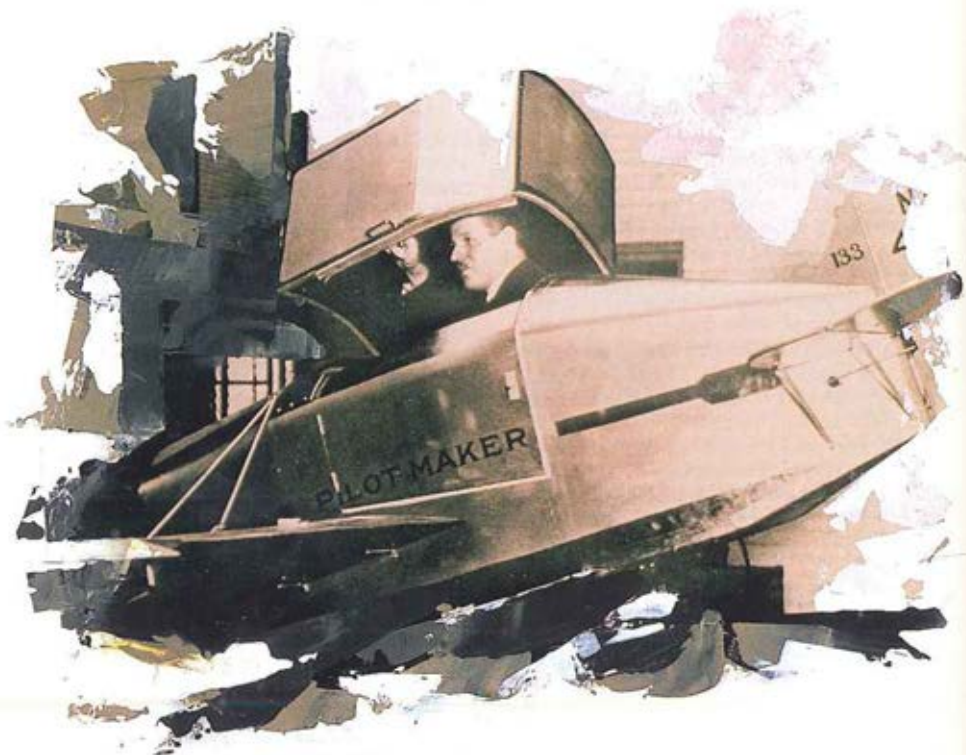
Just as air, land and sea forces must work in concert in the real arena of Combined Arms Warfare, so should training devices used by one branch of the services link up with devices of other branches...and, for that matter, with training systems of allied forces who will support and complement us on a given mission.

Threat Representation

In the same respect, the type of effort we have made in recent years toward developing sophisticated visual representations of the battle ground must also be devoted to simulating threat behavior. It is not enough to model the physical characteristics of the threat: the aircraft or tank exterior, its IR signature, weapons range and lethality. To rehearse against a realistic enemy, we must understand his underlying doctrine and modes of tactical operation, his very command-and-control structure.

Through an almost incomprehensible advancement in technology, training possibilities are only stifled by human imagination. Soon we will be using simulation to actually "go to war" as a team with our sister Battalions by networking high and low fidelity simulators. Our pilots will be faced with decisions and stressful situations in the simulator which were before only experienced during their initial introduction to actual combat. The lives and equipment saved on the next battlefield will serve as the ultimate payback for today's investment in simulation to accomplish team training. ■■■■

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AH-1S COBRA Helicopter Flight And Weapons Simulator

by Debbie A. Kravchuk

The AH-1S (Modernized COBRA) Helicopter Flight and Weapons Simulator (FWS) provides unit commanders at all levels with the ability to realistically train attack aircrews during peacetime to perform their combat mission safely and effectively. Currently, there are nine AH-1S FWS devices supporting Army Aviation training requirements worldwide. These devices were developed by Link Flight Simulation Corporation as part of the Army's Synthetic Flight Training System (SFTS) program. These trainers are a cost effective and invaluable tool which, when utilized in conjunction with other training strategies, result in achieving the Army's training standards.

The AH-1S FWS consists of two independent training enclosures, motion systems, and visual systems supported by a single computer complex. Each enclosure contains a trainee station (cockpit), instructor/operator (I/O) station, visual system displays and associated electronics. The device is capable of providing the pilot and co-pilot/gunner independent training at the same time on separate missions or integrated training on the same mission.

The FWS provides realistic aircraft and tactical scenario simulation throughout the entire operational environment of the device. These simulated aircraft systems and features are listed in Table 1.

Each I/O station consists of an interactive instructor alphanumeric and graphic display system, communication controls for each trainee, instructor and maintenance systems. The stations provide computer and data printout devices. The I/O station includes all controls and information required to monitor, instruct, and evaluate the trainee. The instructor has the ability to select maps, prerecorded demonstrations and audio briefings, malfunctions, editable mission para-

FWS SIMULATED SYSTEMS & FEATURES

- Aerodynamics/Flight Performance
- Engine
- Rotor and Transmission
- Flight Control
- Operational Environment
- Navigation
- Communication
- Aircraft Survivability Equipment
- Armament
 - TOW Missiles
 - 2.75 FFAR Rockets
 - Universal turret 20/30mm Guns
 - Rocket Management Subsystem
- Fire Control
 - Helmet Sight Subsystem
 - Fire Control Computer
 - Heads-up Display
 - Airborne Laser Tracker
 - Telescopic Sight System
 - Laser Range Finder
- Tactical Environment
 - Targets
 - Threats
- Malfunctions

Table 1

eters and initial conditions for desired environment, weapon and threat mission configuration. The I/O station also provides a five minute dynamic playback capability.

The pilot and co-pilot/gunner enclosures are each mounted on Link's six-degree-of-freedom motion systems. These systems provide the motion cues that the trainee would sense in a real world flying situation. Pitch, roll, and yaw rotation, and lateral, longitudinal, and vertical translation are provided independently and in any combination.

All nine AH-1S FWS simulate the same aircraft and are based on the prototype FWS located at Fort Rucker. There are some differences involving the visual system, displays, and some I/O functions.

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There are three different types of visual systems being used in the AH-1S FWS program:

- camera modelboard systems (CMBS),
- laser image generation (LIG), and
- digital image generation (DIG).

The device locations and type of visual system are shown in the table to the right.

The CMBS and LIG devices each have two identical modelboards representing 60 square kilometers of terrain. The LIG visual operates similar to the CMBS, using a scanning laser beam and photomultiplier tubes instead of a television camera and light banks.

The CMBS and LIG devices provide the pilot a front and left out-the-window (O-TW) displays, the co-pilot/gunner is provided only a front O-TW display. In integrated operation, one terrain modelboard visual is shared by the front O-TW displays of each cockpit, the second terrain modelboard visual is dedicated to the pilot's left O-TW display. During independent operation, each front O-TW is assigned its own terrain modelboard and the pilot's left O-TW is inactive.

Recently the modelboard devices have been enhanced by the addition of the computer reconstructed images from scenic photographs (CRISP) visual system which is viewed through

FWS LOCATION AND VISUAL SYSTEM

Camera Modelboard System

Fort Rucker, Alabama

Laser Image Generation

Fort Hood, Texas

Fort Campbell, Kentucky

Fort Lewis, Washington

Hanau, Germany

Illesheim, Germany

Digital Image Generation

Fort Rucker, Alabama

Marana, Arizona

Indiantown Gap, Pennsylvania

the Telescopic Sight Unit (TSU). Photographs were taken at nine tactical engagement points (TEPs) on the modelboard. These photographs were digitized and stored on a laser videodisk. The instructor can select a TEP location while in the CRISP mode and have a static visual scene displayed in the TSU. Moving targets, ownship and enemy weapons effects and environmental effects are superimposed onto the scene. The enhancement allows gunnery train-

(AH-1S — continued on page 68)

AH-1 Pilot's Cockpit showing a "near hit" threat simulation.



AH-64 APACHE

Combat Mission Simulation

by Eric Routledge & Willie Lapham

Meeting the challenge to provide high fidelity combat "mission" training, the Army has successfully fielded the AH-64 APACHE Combat Mission Simulator (CMS) both in CONUS and in Europe. Future plans include the fielding of a device in Korea (see Fielding Schedule on opposite page).

Diverse Training Scenarios

The CMS continues to be the world's most sophisticated aviation training device capable of providing training in complex mission scenarios during day, dusk and night operations and additionally in adverse weather conditions while operating in a high-threat, reactive environment. The APACHE CMS has consistently demonstrated its ability to train and maintain tactical decision making skills required of army aviators to fight and survive on the modern battlefield.

The APACHE CMS has gained the respect of the aviation community through its proven ability to provide effective training in historically difficult simulations such as Nap-of-the-Earth (NOE) flight, and tactical masking techniques. The CMS provides effective training in the use of all on-board avionics, Aircraft Survivability Equipment (ASE), navigation, and weapons systems to include the Target Acquisition and Designation System/Pilot Night Vision System (TADS/PNVS), and the Integrated Helmet and Display Sight System (IHADSS).

HELLFIRE Simulation

The CMS also provides a highly complex and accurate simulation of the HELLFIRE missile and

additionally, boasts a wide array of hostile interactive threats — threats that fight back! The threats, controlled by the master tactics computer, are fully capable of "killing" the APACHE should the trainee allow the aircraft to enter the kill capability parameters of the hostile threat. The computer determines specific threat capabilities, probabilities of acquisition, and probabilities of a hit against the ownship aircraft. Hits and near hits on ownship are simulated (visual, aural and motion cues) with "sweat popping" realism. Threat intelligence and lethality levels can be varied by the instructor to match or challenge the proficiency of the pilot/co-pilot-gunner trainee.

Sustaining Aviator Skills

Once trained, the AH-64 aviator must sustain his knowledge and hone the skills required to fight and survive. In the absence of actual flight time and real-world battlefield conditions, this sustainment is accomplished through mission simulation. Mission simulation includes not only simulating the internal aircraft environment, but also the external, severely task-loaded, real-world battlefield.

As one might expect, constant review of current weapons technology both friendly and otherwise is required to keep the threat simulation accurate and up to date. This is accomplished through close and continuous coordination between the project manager for training devices (PM TRADE) and various agencies such as the Defense Intelligence Agency (DIA), United States Army Aviation Center (USAAVNC), etc. Information gathered by PM TRADE is provided to a special "Configuration Update Group" (CUG) team that determines impact to the current CMS. The CUG team analysis triggers the modification/acquisition process required to keep the CMS

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AH-64 CMS FIELDING PLAN

DEVICE#	LOCATION	STATUS	RFT
#1	Ft. Rucker	Fielded	Aug. 86
#2	Ft. Hood	Fielded	Oct. 86
#3	Illesheim	Fielded	Dec. 87
#4	Ft. Campbell	Fielded	Mar. 88
#5	Ft. Bragg	Fielded	Apr. 88
#6	Hanau	In Process	Dec. 89
#P	Weisbaden	Test Bed	July 91
#8	Ft. Hood	CA 8/89	Aug. 91
#9	Ft. Carson	Unfunded	FY 93
#10	Korea	Unfunded	FY 94
#11	Ft. Stewart	Unfunded	FY 94
#12	Marana, AZ	Unfunded	FY 94

up-to-date with real-world threats and aircraft configuration changes. These required updates to the simulator are grouped into a Block Update Configuration (BUC) program. The first such effort (BUC I) currently underway includes 26 simulator enhancements and 30 aircraft changes affecting seven CMS'. BUC I changes include expansion of the threat library to provide new threats, introduction of hostile air targets, upgrade of IR and CHAFF simulation, computer upgrades enhancing instructor capabilities and providing increased spare capacity for future upgrades, addition of the ultra high frequency-amplitude modulated "HAVE QUICK" radio, upgrade to the -45 level fire control computer, and addition of capability to train with CBR mask. The first BUC I kit will be installed at Ft. Rucker, AL and will be Ready For Training (RFT) May 90.

BUC II

The second major upgrade effort scheduled for contract award March 90 (BUC II) will include further addition of new threat types, ability to insert more moving threats, 80x100 km database, simulation of target reactive armor, capability for limited Joint Air Attack Team (JAAT) training (designator for A-10 aircraft), water targets/platforms, and limited threat networking. Other future upgrades (some of which may be in the BUC II effort) include Air to Air STINGER, Automatic Target Handover System (ATHS), APR 39A(V)1, and

Global Positioning System (GPS). A separate dedicated upgrade effort is envisioned for the CMS to replicate the APACHE LONG BOW configuration.

Recently the AH-64 aircraft buy quantity was reduced leaving a net result of 41 battalions to be fielded at 28 different locations. Providing the required proficiency and sustainment training to support the large and widely dispersed number of fielded battalions presents a continuous challenge. The obvious answer is to field a CMS at each location. It becomes quickly apparent however that such an approach is prohibitively expensive. Utilizing available resources, a training strategy was developed

which would directly support each fielded battalion with one of two types of high-order training devices, either a CMS or, a Cockpit, Weapons and Emergency Procedures Trainer (CWEPT).

CWEPT

The Army is in the final preparation stage of initiating procurement of the CWEPT. Referred to as the "enhanced CWEPT" the specification calls for corrections to unknown deficiencies, incorporation of aircraft upgrades and enhanced training capabilities over the existing CWEPT currently being used in the Aviator Qualification Course (AQC). The enhanced CWEPT will not have out-the-window visual displays nor a motion system as does the CMS, however, all aircraft operations and capabilities will be simulated to include total in-cockpit sensor operation at real world operating ranges.

The CMS/CWEPT fielding strategy consists of 12 CMS' at 11 strategic locations (See Fielding Schedule) and 17 CWEPTs at the remaining locations. The first buy lot of CWEPTs is expected to be eight units. Subsequent units will reflect the APACHE LONG BOW configuration where required.

Together, these advanced training device systems will enable the AH-64 combat aviator to maintain critical skills in a safe environment ultimately providing the Army with combat ready pilots that will survive on tomorrow's battlefield. ■■■■

MH-47E/MH-60K Combat Mission Simulators for Special Ops

by Lieutenant Colonel Paul Hinote

Today, the AH-64A APACHE Combat Mission Simulator, recipient of the prestigious Daedalians Award, is the world's most advanced helicopter training device. Tomorrow, that distinction may well transfer to SOACMS — Special Operations Aviation Combat Mission Simulators for the MH-47E and MH-60K aircraft.

The SOACMS devices, 2B46 and 2B47A, a generational step above the APACHE CMS, will be the first "glass cockpit" Army Aviation trainers. Scheduled delivery is 1991 to Ft. Campbell, KY.

The MH-47E and MH-60K simulators will enable Special Forces pilots and co-pilots to train in a darkened, stress-filled environment. Self-deployment missions of several hours duration, full task loading with new avionics systems, aerial refueling, and even shipboard operations are just a few of the challenges which will be new both to Army Aviators and to the Synthetic Flight Training System (SFTS) curriculum.

Following are highlights of the SOACMS program.

Commonality & Reusability

The design of the two Special Ops simulators relies greatly on the experience gained in three other SFTS programs — the UH-60A BLACK HAWK flight simulator (2B38), the CH-47D CHINOOK flight simulator (2B31), and the AH-64A APACHE Combat Mission Simulator (2B40).

Commonality will exist with the UH-60A/CH-47D in motion systems, control loading systems, power cabinets, instructor stations, linkage cabinets, air conditioning systems, visual display systems, tactics hardware design, and aural cue design.

The tactical environment simulation will be based on the proven design of the AH-64 CMS,

with modifications for Aircraft Survivability Equipment (ASE) and radar.

At the same time, new simulation tasks being developed for the SOACMS program — such as receivers and jammers — will benefit the BLACK HAWK, CHINOOK, and APACHE simulation programs.

Integrated Avionics Subsystem

The IAS is being developed in parallel with the Special Operations Aircraft. To assure concurrency with aircraft operational capabilities, government-furnished IAS hardware will be "stimulated" based on actual aircraft interface data.

The Integrated Avionics Subsystem provides necessary command and control to accomplish Special Operations missions during day, night, adverse weather, and reduced visibility in any geographical area and under high-threat conditions. These missions are accomplished by interfacing the functions of communications, navigation, forward-looking infrared (FLIR), multi-mode radar (MMR), Aircraft Survivability Equipment (ASE), informational displays, map generation, and interface equipment.

To both pilot and co-pilot, the IAS is presented via four Multi-Functional Displays (MFD's). Pilot/co-pilot communication to the IAS is by data entry using two Control Display Units (CDUs) and moding/control via CDUs and MFD bezel switches (aka "soft switches").

The MFD's which make up the "glass cockpit" are CRT displays capable of representing various information for piloting, navigation, aircraft management, and mission requirements. The MH-47E and MH-60K each contain two color and two monochrome MFD's.

Multi-Mode Radar

The Special Operations Forces aircraft mission

LTC Hinote is Project Director, Special Operations Aviation Combat Mission Simulation Program, PM TRADE, Orlando, FL.

equipment package includes the AN/APQ-174 multi-mode radar — one of the first applications in Army aircraft of this type of radar. The MMR enables operational flights in Terrain-Following (TF) and Terrain-Avoidance (TA) modes.

The Digital Radar Generator (DRG) being used to simulate the MMR is a high-performance yet low-cost system employing parallel processing and memory management algorithms. The hardware is based on commercially available equipment and compatible with the industry-standard VME bus. Because the radar is modeled in software, fundamental parameter changes are readily accomplished, or new modes added with relative ease.

The radar simulation terrain data base will be a derivative of the existing BLACK HAWK flight simulator 80 km x 100 km data base. The radar return data base will be correlated with the visual data base, with objects appearing at the same relative locations on the radar as in the visual scene.

Air-to-Air Refueling

Aerial refueling is being simulated as a single point pressure refueling that loads the main fuel tanks. The KC-130 tanker aircraft model (with director lights and articulated hose and drogue) supplies a selected amount of fuel when the ownship has connected to the drogue. On the MH-60K, ownship must extend and retract the refueling boom through cockpit control.

The tanker model will be encoded to enable IR refueling procedures. Also, necessary lighting of the tanker, hose and drogue will allow night refueling practice.

The tanker's initial position, radar altitude, course and speed will be selected by the instructor. When the SOACMS is within 20 km, the tanker will use proportional navigation for intercept. Within 2 km, the tanker will hold its heading for the docking.

Simulated air-to-air refueling malfunctions will include failure of the probe to extend or retract, failure to refuel with probe extended, and abnormal refuel light indications.

Shipboard Operations

Two ship types, the LHA-Tarawa Assault Carrier and FRG-54 class frigate, will be modeled in the visual data base to provide visual and IR characteristics for practicing shipboard landings

and takeoffs. Key features will include landing systems, navigational/running lights, beacons, critical superstructure elements, antennas and ship markings.

Ship wake, surface waves caused by down-wash, and various sea states will also be simulated to provide realistic cues for shipboard landing, which is new to the Army Aviator. Although pilots will have to qualify on the real thing, the simulator will enable them to maintain currency every few months, resulting in significant cost savings to the Army.

AFCS

Also new to Army pilots is the AFCS — Advanced (MH-47E) or Automatic (MH-60K) Flight Control System. The AFCS enhances control response and automatically maintains desired airspeed, altitude, bank angle and heading, as well as auto-hover.

Program capabilities will include a host of other features, details of which would fill a book. Among them are new threats in the ATACDIG visual data base (threats which "fight back," as in the APACHE CMS); simulation of the new -714 and -701C engines on the MH-47E and MH-60K and the aerodynamic effects of various pods, probe and weapons; simulation of the Global Position System (GPS), ASE changes, Night Vision Goggle (NVG) simulation, and the Automatic Target Handover System (ATHS).

Networking Simulators

In the future, we expect the SOACMS devices will be networked with other SFTS simulators, as has already been successfully demonstrated in the MULTISIM project using an AH-64 CMS with UH-60 flight simulators and AH-1S COBRA flight and weapons simulators. Also, in the not-too-distant future, the Special Operations simulators will be capable of genuine mission rehearsal — that is, training for a real-world mission using a data base derived from the actual target environment and populated with known or suspected threats.

To support the unique missions of the Special Operations Forces, the training equipment has to incorporate leading edge technology and at the same time be highly reliable. With the Special Operations Aviation Combat Mission Simulator devices, the Army will achieve both objectives. ■■■■

UH-60 Flight Simulator Update

by Lieutenant Colonel Henry Scheuer

Still fielding and improving. Those words describe the Army's largest current flight simulator program. Since releasing the first production simulator for training in July 1987, twelve additional production simulators have been put into training in Europe, Korea, Hawaii and in the continental U.S. The AEROMED Research Flight Simulator (UH60FS) at the U.S. Army Aeromedical Research Laboratory has also started to work as an aeromedical research tool, and will soon be fully employed in crew rest, temperature stress and chemical agent antidote testing.

Only four production simulators remain to be fielded. The second Korea UH60FS (at K-16 Air Base in Seoul) should be released for training in November 1989. The remaining three simulators should be fielded in 1990: Ft. Wainwright in May, Ft. Riley in September, and Ft. Carson in December. (See Fielding Schedule Chart).

Simulator Updates

A flight simulator is an incredibly complex machine. As a result, constant changes and improvements have been identified and made since the fielding of the first simulator. Many changes were funded under the original production contract. Those items outside the scope of the original effort are included in a recently awarded contract called the UH60FS Block Up-Date (BUD). The BUD modifies all 18 simulators to keep them in configuration with design changes to the UH-60A BLACK HAWK aircraft; to enhance the capabilities of the instructor at the Instructor Operator Station (IOS); and to add hardware and software improvements identified by you the user during the first two years of simulator fielding.

The list of changes being developed by the

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BUD is very extensive. A "select" few are listed, all of which were identified by field pilots like you.

- In order to increase the comfort of aviators in the pilot and co-pilot seats, all air ducts behind the pilot and co-pilot and at the center window will be made operational with conditioned air in addition to the side vents which are presently operational.

- Several items will be modified or added to make the simulator more capable of training Maintenance Test Pilots. The main rotor blade will now simulate the minute fore/aft movement experienced during fault isolation procedures. Heater effects on engine performance will now be simulated. A drag beam switch, a weight on wheels switch, and engine Ng information will all be provided at the IOS.

- The transponder will be completely simulated.

- The ALQ-144 will now be simulated (with the IR Jammer effective against appropriate simulated threats).

- Fully operable M43 Protective Mask mounts will be installed in the simulator.

- To simplify operation of the simulator when an instructor is not available to man the IOS, a crash override button and a load hook button will be placed on the auxiliary problem control panel.

- M-130 Chaff Dispenser operation will be simulated (with threat weapon suppression effects).

- The following are some of the new or significantly revised malfunctions:

- Flight Path stabilization failure
- Lightning strike
- Thunderstorm Conditions
- #1 Engine Excessive TGT on Shutdown
- #2 Engine Excessive TGT on Shutdown
- Tail Rotor Pedal Bind
- Left Tail Rotor Pedal Drive Forward

UH-60 Flight Simulator Fielding Schedule

LOCATION	DATE	LOCATION	DATE
Ft. Rucker	July 87	Ft. Hood	Jan 89
Hanau	Sep 87	Korea	Mar 89
Ft. Rucker	Dec 87	Hawaii	Apr 89
Illesheim	Feb 88	Ft. Ord	June 89
Ft. Campbell	Mar 88	Hunter AAF	Aug 89
Ft. Campbell #2	May 88	Korea #2	Nov 89
Ft. Lewis	July 88	Ft. Wainwright	May 90
Ft. Bragg	Sep 88	Ft. Riley	Sep 90
Aeromed R & D	May 89	Ft. Carson	Dec 90

Right Tail Rotor Pedal Drive Forward
Tail Rotor Quadrant Jam
Roll Trim Failure
Tail Rotor Quadrant Caution Light with Loss of Tail Rotor Control

- Simulated sling loads for the M102, 105mm howitzer in three configurations will be added (single M102, M102 with A22 bag; and Tandem M102 howitzers). A towed vulcan anti-aircraft gun will also be added.

- External Stores Support System (ESSS) fuel loading options will be expanded, and the ESSS Instructor Operator Station pages will be significantly modified.

- Blowing sand, dust and water will be simulated.

- The instructor operator station will undergo NUMEROUS software changes to simplify the instructor's job.

- "Threat" usage from the IOS will be greatly simplified; and the capabilities of the threat to engage the simulated ownship will be increased. Approximately 25 new threat types will be simulated. Air targets will have the capability to be hostile. Threat weapons impact simulation on ownship will be updated.

- Capability for shipboard landings will be added. Two ship types, an assault carrier and a model of frigate, will be modeled. Five sea state conditions will be simulated. "Roll-on water" (continuous, never ending) will be modeled to the south of the visual data base for extended over water training missions.

- The collective control head rheostat searchlight capability will be simulated, with both white light and infrared selectable from the IOS. Some lights at the IOS and in the rear of the cockpit will be modified for more night vision goggle (NVG) compatibility. Ownship navigation light "glow" will be observable during NVG operations if the navigation lights are "on".

- Area lighting over the pilot/co-pilot will be installed to simulate daytime conditions.

What's Next

What's next? The UH-60L BLACK HAWK helicopter will start rolling off the production line this fall. Since the UH-60A and UH-60L aircraft are fairly similar, planning is now being conducted to develop kits to make the existing UH60FS capable of simulating both configurations. These kits are envisioned to be a very efficient, cost effective method of providing the additional training capability required.

The existing buy of eighteen simulators (seventeen production and one AEROMED) was designed to fill the training requirements for a pilot force designed around an 1,100 aircraft fleet. With the purchase of additional UH-60 BLACK HAWK aircraft, more simulators will be required. Plans are being made now to fill this future requirement, further expanding the fleet of UH-60 Flight Simulators.

We're going to continue "fielding and improving" well past the year 2000, ensuring the UH-60 aviator remains "Above the Best".

IIII

CH-47D Flight Simulator

by Captain Michael Hicks

When the CH47C Flight Simulator prototype was fielded over a decade ago, it was the first helicopter training device in the world with a high-resolution color visual system. Today the Army flies D model CHINOOKs, model board visuals have given way to computer-generated imagery, and the CH47 simulators are still keeping pace with the latest in training technology. Crews can now train in NOE flight, manipulate sling loads, use night vision goggles, dodge hostile threats, and even experience "crashes."

From Model Board to ATACDIG

The first CH47 C model Flight Simulator was installed at Fort Rucker on 15 January 1977. Three other C model trainers were delivered to Fort Campbell, Fort Hood, and Mannheim, Germany.

The visual scene was produced by a complex trolley system which positioned cameras over two identical terrain model boards in the exact orientation as that of the "aircraft." One camera generated the forward display and another synchronized camera generated a side display (left or right selectable). Overhead viewing was masked by the computer by simulating a sky condition to prevent the camera from revealing the fixtures within the model board room.

In 1983, the Army contracted to build two D model CH47 trainers (Ft. Lewis and Camp Humphreys, Korea). After the D model configuration

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was finalized, the previous C models began conversion into D models. The new CHINOOK trainers were equipped with the Army tactical digital image generators (ATACDIG), which is an interactive visual system (ie, movable objects) to give the device greater mission-task capabilities.

Visual System

The ATACDIG provides full color imagery for day, dusk and night conditions. It is presented on six color monitor displays; two in front, one on each side, and one for each chin window. The CHINOOK is the only trainer which has a real time display in the chin window. This feature was added to assist in slingload, pinnacle, and NOE operations.

The visual gaming area is produced by a massive data base. The synthetic terrain measures 80Km by 100Km and is a derivative of the UH60FS visual system. The gaming area has cultural features such as farms and villages scattered throughout the data base to assist in navigation. There are also controllable lights on the buildings to provide realism for night operations.

Edge of the World

Unlike the model board trainers, the ATACDIG has the ability to generate "generic" terrain beyond the 80Km x 100Km boundaries of the data base. This prevents the "edge of the world" problem experienced with a model board. The only difference between generic and data base



terrain is the absence of the man-made features in the generic terrain. Unless you were told, you might not even realize that you were in the roll-on terrain. In order to keep the instructor from getting disoriented, there is a TAC map provided on the IOS CRT. This is a scale representation of the gaming area with a symbol to indicate the location of the "aircraft". If desired, the instructor can navigate the crew by the use of the TAC map to locations in the gaming area for specific training.

Illumination Effects

One of the most useful enhancements to the CH47DFS is the improvement in night operations. There are four levels of night illumination:

- Night moon,
- Night moon with cloud cover,
- Starlight,
- Starlight with cloud cover.

Between these four light levels (four being the darkest), missions can be practiced that challenge crew planning and cockpit coordination.

Night Scenes

Producing the night scene from a CRT is more complicated than turning down the brightness. As light levels go down, the eye becomes less sensitive to color. Adjusting the brightness on a CRT, however, would still produce the same colors to the eye. To compensate for this effect, all objects (which are not light points) are presented as different colors from the daytime scene.

By adjusting moon and overcast combinations, the color and light levels in the night mode replicate a true night condition which can be made so dark that night vision goggles (NVG) may be used as they are in the aircraft. (The scene is totally compatible with all versions
(CH-47D — continued on page 69)



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x8166

**MAJ Larry
W. Glover**
Project Director
Single Contract
Aviation Training
x4343



**CPT Clement
E. Greek**
Project Director
FMS Programs
x4327

**CPT Michael
T. Hicks**
Project Director
CH-47 Flight Sim.
AH-1 Flight & Wea-
pons Simulator
CWEPT
x4323



**Eric M.
Routledge**
Project Director
AH-64 Combat
Mission Simulator
x4330

WHO'S WHO in AWO Aviation

The Professional-Personal roster open to all Active Army Aviation Warrant Officer Members of the AAAA, who returned their questionnaires by 18 August 1989.

ROSTER CODE

Last Name, First Name, MI (Rank) (First Year AAAA Membership) (Nickname) Address Duty Phone Number Residence Phone Number Name of Spouse	Duty Assignment Rating Maintenance Courses Aircraft Qualification Flight Time (Hours) Combat Flight Time (Hours) Graduation Date (Month/Year) DFC's/Air Medals
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AA - Army Aviator
SAA - Senior Army Aviator
MAA - Master Army Aviator
IFE - Instrument Flight Examiner
IP - Instructor Pilot
SIP - Stand'z'n Instructor Pilot
TP - Test Pilot

AMOC - Aircraft Maint. Off. Course
FW - Fixed Wing
RW - Rotary Wing
FRG - Fed'l Republic of Germany
ROK - Republic of Korea
AAF - Army Airfield
SOAG - Special Opns Aviation Group

1989 AWO HIGH TIMERS

(A list of all AWO Members listed with flight times over 5,000 hours).

CW3 Ben A. Van Etten, Jr.11,700	CW4 Wayne S. Guffy, Jr.7,684	CW4 Robert D. Hill.....6,800
CW4 Lyle W. Real.....11,390	CW4 Marvin G. Ballard.....7,600	CW4 James R. Bandy, III...6,800
CW4 Harry R. Stevenson...11,000	CW4 William H. Whitehill, Sr.7,500	CW4 Byron M. Wilkinson.....6,515
CW4 Paul A. Herrick.....11,000	CW4 Claude D. Hester.....7,500	CW4 George H. Stokes.....6,500
CW3 Harold A. Coghlan.....10,068	CW4 James R. Kale.....7,500	CW4 Richard L. Torres.....6,500
CW4 Thomas A. Bobbitt.....10,000	CW4 Darrell R. Anthony.....7,500	CW4 Robert L. Smith.....6,500
CW4 John J. Steffen.....9,860	CW4 David C. Beishline.....7,429	CW4 Wesley W. Komulainen.6,500
CW4 Stanley H. Graves.....9,750	CW4 Cornelius McMillan.....7,380	CW4 Robert J. Buchanan...6,500
CW4 Archie L. Ahl.....9,450	CW4 Randall C. Willis.....7,200	CW4 Richard W. Burbank...6,500
CW4 Gregory A. Waltz.....9,100	MW4 Thomas E. Ault.....7,200	CW4 Michael Johnson.....6,400
CW4 William S. Turkoski.....9,000	CW4 Leonard N. LeMay.....7,000	MW4 Richard A. Houde....6,400
CW4 Josef W.H. Frey.....9,000	CW4 Gaylord M. Bishop.....7,000	CW4 James E. Ross.....6,300
CW3 Hal W. Raber.....8,900	CW4 Tyrus R. Carr.....7,000	CW4 Randal R. Lindsey....6,300
CW4 John E. Loftice.....8,600	CW4 Peter M. Daly.....7,000	CW4 Henry T. Randall.....6,200
CW4 Lynn M. Olson.....8,500	CW4 Richard L. Voigt.....6,900	CW4 Christopher J. Nauer...6,200
CW4 Stephen L. Davidson...8,100	CW4 Dennis A. Reed.....6,900	CW4 Robert M. Giebner....6,100
CW4 Daniel N. Foe.....7,800	CW3 William D. Wright.....6,800	CW4 Craig V. Randall.....6,020
CW4 Richard E. Campbell....7,700	CW3 John S. Moltenberry...6,800	(HIGH TIMERS - cont. on Page 60)

ABERG, John H., (CW3) (M80) (Jack) 1943 Claymont, Clarksville, TN 37040. S: Margie. Dy: 160th Spec Ops Avn Regt (Abn), Ft. Campbell. Rtg: AA. Maint Csr: UH-60. Saf Csr: Mil. Qual: UH-60A. Time: 3,500 Hrs./Cdt 4 AM/1.

ACREE, Randall D., (CW2) (M87) (Randy) 2112 Continental Drive, Killeen, TX 76543. Res: (817) 628-1458. S: Elizabeth. Dy: AH-64 Inst. Pilot. A: 12-149 Cav, 6 CBAC. Rtg: AA IP. Qual: AH-1S AH-64A. Time: 1,400 Hrs. Grad: May 84.

ADAMS, Anthony W., (CW4) (M86) (Tony) 806 Cherokee Rd, Deridder, LA 70634. Dy: (318) 535-2463. Res: (318) 482-5317. S: Connie. Dy: Instr Examiner & Co. 5th Avn Regt, Ft. Polk. Rtg: MAA IFE. Maint Csr: UH-1. Time: 5,700 Hrs./Cdt 1,175 Grad: May 67. DFC1 AM/29.

ADAWAY, John W. III, (CW2) (M84) A Co., 2d MI Bn, Box 852, APO New York 09359. Dy: ETS 421-4122. Res: ETS 0711-3491039. S: Joan. Dy: UH-1 Pilot. Stuttgart AAF. Rtg: AA. Qual: UH-60A. Maint Csr: FW. Time: 1,350 Hrs. Grad: Nov 83.

ADKINS, Thomas L., (CW4) (M88) (Tom) 307-A Suddut Street, Wahiawa, HI 96786. Dy: (808) 656-1382. Res: (808) 624-9577. S: Diane. Dy: IPIE Avn Bde Standardization Officer, HHC, Avn Bde, 25 IDL. Rtg: AA IFE SIP. Qual: UH-60A. Time: 4,400 Hrs.

ADDOLPHSON, John L., (CW4) (M77) 7215 98th Avenue S.W., Tacoma, WA 98498. Dy: (206) 967-3385. S: Linda. Dy: 19 Avn Regt, Ft. Lewis. Rtg: MAA SIP. Maint Csr: AH-1. Qual: AH-1S. Time: 4,000 Hrs. Grad: Apr 73.

AERDELMAN, Mark W., (CW2) (M82) 66 2nd Avenue, Fort Rucker, AL 36362-2240. Dy: (EOD) 255-3223. Res: (205) 598-3916. S: Dagmar. Dy: IP, E7-14 Avn. Rtg: SAA IP. Time: 2,000 Hrs. Grad: May 82.

AEGEE, Douglas S., (WO1) (M89) (Bull) 540 Riviera St, Venice, FL 34285. Res: (813) 465-3514. S: Beth. Dy: 2d Infantry Div, Korea. Rtg: AA. Qual: AH-1S. Time: 185 Hrs. Grad: May 88.

AHL, Archie L., (CW4) (M74) EUCOM Ft Det, Box 335, APO NY 09359. Dy: 421-4288. S: Marianne. Dy: Ops Off, Stuttgart AAF, Germany. Rtg: MAA IFE. Maint Csr: FW. Saf Csr: Civ. 9,450 Hrs./Cdt 1,950 Grad: Jul 66. DFC2, AM43.

ALBERS, John E., (CW2) (M86) 1006-7 Apple St, Ft Wainwright, AK 99703. Dy: (907) 353-6891. Res: (907) 356-1977. S: Terri. Dy: A Co, 4th Bn 123d Avn Regt. Rtg: AA IP. Time: 2,400 Hrs.

ALLARD, Michael P., (CW2) (M83) 604 Melbourne Drive, Enterprise, AL 36330. Dy: (205) 255-3223. Res: (205) 393-6004. S: Vicki. Dy: E Co, 1-14th Avn, Ft. Rucker. Rtg: AA IP. Time: 600 Hrs.

ALLOREDGE, John B., (WO1) (M89) (Skank) B Co., 34 Aviation Regt., 8th ID, APO New York 09185. Dy: ETS 334-3411. Res: 06131-689954. Dy: 2 Co, 34 Avn, FRG. Rtg: AA. Qual: AH-1. Time: 80 Hrs. Grad: Mar 88.

ALLEN, Nathan E., (WO1) (M88) (Jay Bird) 3809 North Shore Blvd., Tacoma, WA 98422. Res: (206) 927-3928. S: Cynthia K. Dy: 525th Repl Det, Ft. Lewis. Rtg: AA.

ALLEY, Jeff D., Jr. (CW4) (M74) (Mc Safety) 18237 East Bellevue Pl., Aurora, CO 80015. Dy: (303) 363-6641. Res: (303) 683-4874. S: Virginia. Dy: 8th Army CARTI Safety Off, Buckley AFB. Rtg: MAA SIP IP. Maint Csr: FW. Saf Csr: Mil. Civ. Qual: AH-1S. Time: 6,000 Hrs./Cdt 1,000 Grad: Jun 68. AM/39. Past VP, Gt-Atlanta Chap.

ALLMER, John L., (CW4) (M85) 8106-C Bridgeport Way, SW, Tacoma, WA 98499. Dy: (206)



The 1989 Who's Who in AWO Aviation

967-5445. Res: (206) 984-1732. S: Pong Hwa. Dy: B Co, 3/9 Avn Regt, Ft. Lewis. Rtg: MAA TP. Maint Csr: UH-1 AH-1 OH-58. Saf Csr: Mil. Qual: AH-1S. Time: 4,900 Hrs./Cdt 1,100 Grad: Feb 83. DFC1, AM/19.

ANDEL, Michael H., (CW4) (M75) (Mike) Ft. Polk, LA. S: Dale. Dy: City Off, U-21 Pilot, Fort Polk. Rtg: MAA TP. Maint Csr: UH-1. Saf Csr: Mil. Qual: AH-1S. Time: 3,500 Hrs./Cdt 365 Grad: May 70. AM/1.

ANDERSON, Jim G., (WOC) (M89) Cmr 2, Box 12248, Fort Rucker, AL 36362. Dy: (205) 255-6007. Dy: B Co, 1-145th Avn Regt. Rtg: AA.

ANDERS, John S., (WO1) (M89) 1804 Sunnset Street, Killeen, TX 76543. Dy: (817) 287-9915. Res: (817) 699-7372. S: Beverly. Dy: Alk Hqr Pilot (APACHE), B Trp, 3/6 Cav, Ft. Hood. Rtg: AA. Qual: AH-64A. Time: 220 Hrs. Grad: Nov 88.

ANGLESEY, Tony S., (CW3) (M82) 1523 Jefferies, Killeen, TX 76543-5176. Dy: (817) 288-1008. Res: (817) 699-3427. S: Deann. Dy: D Co, 227th Avn Regt, 1st Cav Regt. Rtg: AA IFE. Time: 2,400 Hrs./Cdt 1,100 Grad: May 73. AM/5.

ANTHONY, Darrell R., (CW4) (M78) 526-B Murphy Circle, Fort McPherson, GA 30310. Dy: (404) 689-6829. Res: (404) 753-7197. S: Patricia. Dy: FORSCOM Avn Safety Officer. Rtg: MAA. Maint Csr: FW. Saf Csr: Civ. Time: 7,500 Hrs./Cdt 1,500 Grad: Nov 66.

APLACA, Calvin L., (CW2) (M89) (Cal) 1815 Olmsted Drive, Gabriel Courts, Watertown, NY 13601. Dy: (315) 772-4639. Res: (315) 788-9642. S: Deborah. Dy: Avn Maint Tech, D/3-25th ABH, Ft. Drum. Rtg: AA.

ARANT, Luka, (WO1) (M88) 17 Forest Lane, San Rafael, CA 94903. Dy: (205) 425-4008. Res: (415) 489-0139. Dy: C Co, 1-145th Avn, Ft. Rucker. Rtg: AA. Qual: AH-1S. Time: 250 Hrs. Grad: Feb 89.

ARMENSTRONG, Gary N., (CW4) (M71) Rt 3, Box 50-1, Raeford, NC 28376-9508. Dy: (919) 396-9713. S: Annette. Dy: Hqr Maint Repair Tech, Ft. Bragg. Rtg: MAA IP. Maint Csr: AMOC CH-47 CH-54. Qual: CH-47D.

ARMSTRONG, Brett J., (CW2) (M88) Route 2, Box 39, Clarkdale, MS 38614. S: Nancy. Dy: Pilot, 21st Avn, Ft. Hood. Rtg: AA. Qual: AH-64A. Time: 1,600 Hrs.

ARTHUR, Harry P., (CW4) (M78) 6502 Coaghehly Way, Alexandria, VA 22310. Dy: (202) 697-0751. S: Karen. Dy: Pers Policy Integ, Ofc Div, ODCSPER, Pentagon. Rtg: MAA IFE SIP IP. Qual: CH-47 UH-60A. Time: 3,832 Hrs./Cdt 581 Grad: Mar 71. AM/11. Past S/VP, Old Ironsides Chap.

AULT, Thomas E., (MW4) (M82) (Tom) 107 Hank Nix Drive, Ozark, AL 36360. Dy: (205) 255-2660. Res: (205) 774-5654. S: Phyllis. Dy: Accident Investigation, US Army Safety Center. Rtg: MAA SIP. Maint Csr: UH-60 CH-54. Saf Csr: USC. Qual: UH-60A. Time: 7,200 Hrs./Cdt 2,610 Grad: Nov 63. DFC1, AM/57.

AUSTIN, Paul G., (WO1) (M89) 16-G Woodcreek Drive, Rome, NY 13440. Res: (315) 339-1462. Dy: Army Aviator, C-2-25 Aik Hel Bn. Rtg: AA.

AVENELL, Dennis W., (CW4) (M89) 2102 Robert E. Lee Drive, Killeen, TX 76543. Dy: (817) 288-3384. Res: (817) 634-7608. S: Linda. Dy: Bn

Stdn Ofcr, HSC, 1/3 Avn Regt, 2 AD, Ft. Hood. Rtg: MAA SIP. Qual: AH-1S AH-64A. Time: 4,200 Hrs./Cdt 725 Grad: Apr 69. DFC4 AM/25.

AWBREY, Gregory L., (WO1) (M86) (Oogie Doggie) Q Trp, 4/11th ACR, APO NY 09146. S: Heidi. Dy: Q Troop, 4/11th ACR, Fulda, FRG. Rtg: AA. Qual: AH-1S. Time: 546 Hrs.

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BABCOCK, Myron F., (CW4) (M89) (Myron) 423 Ketchikan Avenue, Fairbanks, AK 99701. Dy: (907) 353-6285. Res: (907) 456-2645. S: Linda. Dy: Instructor Pilot, C Co, 228th Avn Regt, Ft. Wainwright. Rtg: MAA SIP. Time: 4,500 Hrs. Grad: Jul 69. AM/1.

BACHAND, Robert J.J., (CW2) (M86) (Bob) 101 Twin Creek Drive, Apt. 105, Killeen, TX 76543. Dy: (817) 287-2554. Res: (817) 699-1905. Dy: C Co, 1-3 Avn, 2AD, Ft. Hood. Rtg: AA. Qual: AH-64A. Time: 1,000 Hrs. Grad: May 82.

BAGGETT, Lester G., (CW2) (M82) (Les) 1901 Pleasant Lane, Coppelia Cove, TX 75252. Res: (817) 547-1851. S: Sonia. Dy: ALSE Officer. Rtg: AA. Qual: AH-1S AH-64A. Time: 1,100 Hrs. Grad: Jun 82.

BAILEY, George A., (CW2) (M86) 5275 Old Highway 48, Cunningham, TN 37062-9734. S: Margot. Dy: 3d MI Bn. Rtg: SAA. Saf Csr: Mil. Qual: AH-1S. Time: 1,052 Hrs./Cdt 1,023 Grad: Aug 16. AM/32.

BALDWIN, Thomas A., (WO1) (M86) (Scoop) 56171 Lockridge Loop, Fort Hood, TX 76544-5000. S: Amy. Dy: B Trp, 3/6 Cav, 6 Cav Bde (AC), Rtg: AA. Saf Csr: Mil. Qual: AH-64A. Time: 600 Hrs. Grad: Oct 86.

BALLARD, Marvin G., (CW4) (M89) (Marv) H Company, 1st Avn Regt., Box 2216, APO New York 09250. Dy: 457-2871. Res: 05822-7183. S: Shelley. Dy: Pilot/Ops Ofc, Ansbach, FRG. Rtg: AA IP. Maint Csr: UH-1. Qual: UH-60A. Time: 7,600 Hrs./Cdt 1,700 Grad: May 69. DFC1 AM/37.

BALLIS, Arthur H., (CW4) (M83) (Art) 19 Kirby St, Fort Rucker, AL 36362. Res: (205) 598-3162. S: Gerl. Dy: Ft Safety Tech, 5/17 Cav, Korea. Rtg: MAA SIP IP. Saf Csr: Mil. Qual: AH-1S. Time: 2,890 Hrs./Cdt 184 Grad: Jul 71. AM/7.

BANDY, James R. III, (CW4) (M83) Psc Box 4708, Howard AFB, Panama, APO Miami 34001. Dy: (313) 284-4066. Res: (507) 86-4231. Dy: Instrument Flight Examiner, 617th Special Ops Avn Det. Rtg: MAA SIP IFE. Time: 6,800 Hrs./Cdt 1,026 Grad: Sep 71. AM/22.

BANKS, Peter D., (CW3) (M87) Q Troop, 42 ACR, Box 10143, APO NY 09502-0218. Dy: 4614-643. Res: 0911-5221133. Barbie. Dy: AH-1 Maint Tech, Nurnberg, FRG. Rtg: SAA MTFE. Maint Csr: AH-1. Q: AH-1S. Time: 2,000 Hrs. Grad: Feb 80.

BARNES, Joseph H., (CW3) (M89) 103 Hudson Drive, Ozark, AL 36360. Dy: (205) 255-5006. Res: (205) 774-0703. Dy: Ft Cdr, DA IPC, E1-212 Avn ATR, Ft. Rucker. Rtg: AA.

BARTELS, Chris J., (CW2) (M85) 8345 Julianne Terrace, Golden Valley, MN 55427. Res: (612) 545-2760. Dy: C/6, Germany. Rtg: AA. Qual: CH-47D. Grad: Feb 87.

BARTLETT, James P., (CW3) (M82) 1250 W. Lodesstone Place, Tucson, AZ 85737. Dy: (602) 624-9204. Res: (602) 742-0209. S: Linda. Dy: Ft Wpns Sim Stp, WAAHS, Marina, AZ. Rtg: SAA IP. Qual: AH-1S. Time: 3,000 Hrs. Grad: Oct 78.

BATES, Keith, (CW3) (M89) 220 Pine Mountain Road, Clarksville, TN 37042. Dy: (205) 798-2744.

Res: (615) 648-8994. S: Cho Chi. Dy: 1-101 Av Regt. Ft. Campbell. Rtg: SAA TP. Maint Ctr: UH-1 OH-58. Qual: AH-64A. Time: 1,930 Hrs.

BAUMGARTNER, John H., (M/W) (M71) Box 199, 200th TAMMC-AD, APO NY 09052. Dy: 404-6138. Res: 06841-74435. S: Mary. Dy: Armet Staff Off, 200th TAMMC. Rtg: SAA IFE SIF. Time: 3,640 Hrs./Cdt 240 Grad: Sep 69. AM/7.

BECKER, William R., (CW3) (M77) (Bill) B Co, 70th Trans Bn, APO New York 09028. Dy: 01149-621-731-820. S: Nadine. Dy: Rotary Wing Plt Ldr. B Co, 70th Trans Bn (A/W). Rtg: SAA TP. Maint Ctr: UH-1 OH-58. Time: 2,500 Hrs. Grad: Jul 77. VP, Rhine Valley Chapter.

BECKHAM, Joseph A., (CW4) (M85) A Company, 2nd MI Bn (AE), APO NY 09359. Dy: 421-4274. Res: 049-711-349636. S: Pamela. Dy: C-12U-21 A&H/OV-1 IPI/SIP. Rtg: AA. Time: 5,200 Hrs./Cdt 546 Grad: Jan 89. AM/7.

BEISHLINE, David C., (CW4) (M88) 6846 Towbridge Road, Fayetteville, NC 28306. S: Beate. Dy: Ft. Rags. Rtg: MAA IFE. Qual: UH-60A. Time: 7,429 Hrs./Cdt 1,411 Grad: Dec 68. AM/98.

BELL, John E., (CW3) (M83) H Co, 227th Av Regt, APO NY 09165-5000. Dy: 322-7723/7463. S: Robin. Dy: Germany, Hanau. Rtg: AA. Maint Ctr: UH-60. Qual: UH-60A. Time: 2,745 Hrs. Grad: Jan 81.

BELL, William J., (CW2) (M88) (Jack) P Twp, 411th ACR, Box 292, APO NY 09146. Dy: 3213-552. Res: 0661-79576. S: Lisa. Dy: AH-1 Pilot, Fulda, Germany. Rtg: AA. Qual: AH-1S. Time: 1,200 Hrs. Grad: Jul 84.

BENKE, Daniel P., (WOC) (M89) 229 West Harris, Fort Rucker, AL 36362. Dy: (205) 255-3516. Res: (205) 598-8637. S: Deirdre A. Dy: C-1145 Avn. Grad: Oct 89.

BENNETT, Edward R., (CW2) (M89) (Fast Eddie) Box 35, A Co, Task Force 23, APO NY 09182. Dy: 325-7290. Res: 09303-1056. S: Daria. Dy: Quick Fix Aviator. G Co/3d Avn Regt. Rtg: AA. Qual: EH/UH-60A. Time: 1,500 Hrs. Grad: Dec 85.

BERGSTROM, Steven J., (CW2) (M87) (Steve) 106 Woodbridge Road, Enterprise, AL 36330. Dy: (205) 255-2419. Res: (205) 3477741. S: Debra. Dy: A CO 2229 Avn Regt. Rtg: SAA IFE IP. Maint Ctr: AH-64 AH-1. Qual: AH-64A AH-1S. Time: 1,900 Hrs. Grad: Mar 82.

BERNIER, Michael D., (CW3) (M88) (Mike) 299 Mayhew Road, Clarksville, TN 37040. Dy: (502) 796-4688. Res: (615) 845-5363. Dy: B Co, 3-101 AHB, Ft. Campbell. Rtg: AA SAA IP SIF IFE. Qual: AH-1S. Time: 2,400 Hrs. Grad: Oct 78.

BERNSTEIN, Mark K., (CW2) (M86) (LoneWolf) 65890 Bandolero, Act. 3004, El Paso, TX 79912. Dy: (915) 568-8293. Dy: P143 ACR. B. Blls. Rtg: AA. Time: 1,100 Hrs. Grad: Jul 85.

BEW, Joseph E., (CW4) (M89) (Jody) Co C, 1501st Aviation, Box 172, APO San Francisco 96208. S: Rebecca. Dy: Aviator Satty Off, Korea. Rtg: AA. Qual: UH-60A. Time: 3,688 Hrs./Cdt 1,100 Grad: Jul 87.

BILLINGS, Merlin D., (CW3) (M88) 377th Med Co (AA), Box 247, APO SF 96301-0021. Dy: AV 315-741-6352. Res: AV 315-728-2329. S: Suld. Dy: Maint Pt. Seoul Airbase. Rtg: MAA TP MTFE. Maint Ctr: UH-1 FW UH-60. Qual: UH-60A. Time: 3,250 Hrs./Cdt 750 Grad: Oct 65. AM/13.

BIRDSEYE, Walter M., (CW3) (M83) B Co, 3d Bn, 9th Avn Regt, Fort Lewis, WA 98433-6253. Dy: (206) 967-7778. S: Kathy. Dy: Avn Maint Tech, 151A0. Rtg: AA. Maint Ctr: CH-47. AM/13/V.

BIRMINGHAM, Glenn D., (CW3) (M87) 3106

The 1989 Who's Who in AWO Aviation

Willowden Drive, Killen, TX 76543. Dy: (817) 288-2999. Res: (817) 690-1004. S: Mindy. Dy: AVM Maint Off, UH-1H/EX-1X Maint, Test Flight Evaluator. Rtg: SAA TP. Maint Ctr: UH-1. Time: 2,010 Hrs. Grad: Dec 78.

BISHOP, Gaylord M., (CW4) (M74) (Bish) 7328-A Gardner Hills, Fort Campbell, KY 42223. Dy: (502) 798-3575. Res: (615) 431-6388. S: Kris. Dy: MI Bn (L) Honduras. Rtg: MAA SIP TP. Maint Ctr: FW. Qual: CH-47 UH-60A. Time: 7,000 Hrs./Cdt 1,700 Grad: Feb 70. AM/47.

BITNER, Daniel L., (CW3) (M87) P.O. Box 335, Fort Campbell, KY 42223. S: Louise. Dy: MH-6 Pilot, Ft. Campbell. Rtg: SAA IP. Qual: AH-1S. Time: 2,000 Hrs. Grad: Dec 80.

BLACK, Frank M., (WOC) (M89) Route 5, Apt. 3, Box 272, Enterprise, AL 36330. Dy: (205) 255-4006. Res: (205) 393-2954. S: Andrea. Dy: C-1145 Avn, Ft. Rucker. Rtg: AA. Grad: Nov 89.

BLANKINSHIP, Charles, (CW3) (M81) (Chip) Psc. Box 961, APO Miami 34001. Dy: 011-507-284-3144. Res: 011-507-284-3735. S: Yadia. Dy: B Co, 1228 Avn Regt. Rtg: AA IP IFE. Time: 5,900 Hrs. Grad: Aug 76.

BOBBITT, Thomas A., (CW4) (M88) 512 Morris Road, Schofield Barracks, HI 96786. Dy: (808) 656-1210. Res: (808) 624-5397. S: Barbara. Dy: Instr Pilot, 53rd Avn Bn, C Co, Schofield Bks. Rtg: AA. Qual: CH-47 UH-60A. Time: 10,000 Hrs./Cdt 600 Grad: Nov 66.

BODIN, Errol P., (W01) (M89) (Flynn) HHT 4/11 ACR, APO New York 09146. Dy: 3213-786. Res: 0661-79835. S: Terri. Dy: 4/11 ACR, Fulda, FRG. Rtg: AA. Qual: UH-60A. Time: 300 Hrs. Grad: Sep 88.

BOGDAN, Ken A., (W01) (M88) G Co, 1st Avn Regt, Box 1578, APO NY 09250. S: Andrea. Dy: Scout Pilot, 152B, Matherbach FRG. Rtg: AA. Time: 400 Hrs. Grad: Apr 88.

BOGGS, Lawrence A., (CW4) (M82) (Larry) P.O. Box 3007, Fort Stewart, GA 31314. Dy: (870) 787-4850. S: Elaine. Dy: 3 Plt, 498 Med Co. Rtg: SAA IP. Time: 6,000 Hrs./Cdt 1,300 Grad: Aug 67. DFC, AM/10.

BOHNER, Roger D., (WOC) (M89) (Razor) 4537 Dover Road, Woodlawn, TN 37991. S: Marie. Dy: C Co, 3d/101st Avn Regt, Ft. Campbell. Rtg: AA. Qual: AH-64A. Time: 187 Hrs. Grad: Mar 89.

BOLDING, Randy L., (CW3) (M87) 3 San Fernando Blvd., Savannah, GA 31419. Dy: (912) 352-5517. Res: (912) 927-0490. Dy: UH-60 Pilot, B Co, 24th Avn Bde, Hunter AFB. Rtg: AA TP. Maint Ctr: UH-60. Qual: UH-60A. Time: 1,500 Hrs./Cdt 49 Grad: Feb 89. AM/1.

BOLLART, Kent A., (CW3) (M88) 614 Enterprise Drive N.E., Lacey, WA 98503. S: Kimberly. Dy: 9th CBAA, Ft. Lewis. Rtg: AA. Qual: AH-1S. Time: 1,400 Hrs. Grad: Aug 81.

BORJA, Robert F., (CW3) (M88) (Bobby) A Company, 515th Aviation Brigade, APO New York 09039. Dy: 328-8120. Res: 069-622754. S: Kathy. Dy: AD, Maurice Rose AAF, Bonames Germany. Rtg: AA. Time: 2,600 Hrs. Grad: Feb 81.

BOWYER, Steven E., (CW2) (M83) 57 Endl Avenue, Fort Rucker, AL 36362. Dy: (205) 255-3223. Res: (205) 598-4965. S: Debbie. Dy:

OH-58 IP, E7-14 Avn, ATB, Shell AAF. Rtg: AA IP. Time: 2,400 Hrs. Grad: Apr 83.

BRADLEY, Eric R., (W01) (M88) CMR 3, Box 7397, Fort Rucker, AL 36362. Dy: (205) 255-2688. Dy: D Co, 1-13th Avn. Rtg: AA. Qual: AH-1S.

BRADLEY, Lawrence R., (CW4) (M80) (Larry) 209 Colmar Road, Fort Ord, CA 93941. Dy: (408) 242-3172. Res: (408) 899-5370. S: Susan. Dy: IFE B Co, 1-123 Avn Regt, Ft. Ord. Rtg: MAA IFE IP. Qual: AH-1S. Time: 3,700 Hrs./Cdt 798 Grad: Jul 71. AM/21.

BRAESCHKE, Gayle K. Jr., (W01) (M88) (Gloose, Ralph) H Co, 1st Aviation, Box 2268, APO New York 09250. Dy: 4672-871. Res: 09802-339. Dy: Blackhawk Pilot, Ansbach, Germany. Rtg: AA. Qual: UH-60A. Time: 250 Hrs.

BRAMAN, Gary D., (CW3) (M85) 56th Avn Co, Box 337, APO NY 09028. S: Louise. Dy: Utility Airplane Pilot, Bn ASCO, 70th Trans Bn, Coleman AAF. Rtg: AA. Suf Ctr: MI Ctr. Time: 1,800 Hrs. Grad: Nov 80.

BRANTLEY, Douglas K., (CW4) (M81) HHT, 4/11 ACR, Box 73, APO New York 09146. S: Charlotte. Dy: 3213-754/544. Res: 0661-57549. Dy: EH60 SIP, Sqdn UH-60 SIP, Fulda, FRG. Rtg: SAA SIP. Qual: UH-60A. Time: 5,200 Hrs. Grad: Sep 75.

BRAUN, Donald T., (CW2) (M89) A Co, 3rd MI Bn, Box 4454, APO San Francisco 96271. Dy: 753-6388. Res: 691-4624. S: Yong Ok. Dy: OVI IP, Camp Humphreys, Korea. Rtg: AA IP. Time: 3,200 Hrs. Grad: Jul 83.

BRECKONS, Sanford D., (CW4) (M79) (Sandy) HHD, 1-14 Aviation, ATB, Fort Rucker, AL 36362. Dy: (205) 255-2690. S: Wonna. Dy: SIP, AH-64. Rtg: SAA SIP IP IFE. Qual: AH-64A AH-1S. Time: 3,300 Hrs.

BRELAND, William H., (CW3) (M87) (Bill) HHC, 7-159th Avn Regt., Box 177, APO NY 09061. S: Pricilla. Dy: Instrument Flight Examiner. Rtg: AA IFE IP. Time: 3,500 Hrs. Grad: Aug 78.

BRENNAN, James E. Jr., (CW3) (M85) (Jim) 203 Hickory Hill Trail, Elgin, SC 29045. Dy: (803) 751-6545. Res: (803) 736-9465. S: Gertrud. Dy: Signal Assister, Readiness Group. Rtg: AA.

BRODERICK, James L., (CW4) (M89) 107 Lakeview, Milford, KS 66514. Dy: (913) 239-3339. Dy: (913) 463-5460. S: Marty. Dy: Bn Avn Bde, Rtg: AA. Time: 4,000 Hrs./Cdt 750 Avn Bde. Rtg: MAA. Time: 4,000 Hrs./Cdt 1st Avn Bde. Grad: 66. DFC AM.

BROEME, Keith S., (CW4) (M88) B Co, 56 Cav, 12th Aviation Bde, APO New York 09457. Dy: 327-5656. Res: 06121-718968. S: Nancy. Dy: Sdn Officer. Rtg: MAA IFE SIF. Maint Ctr: AASC. Qual: AH-1S AH-64A. Time: 5,000 Hrs./Cdt 775 Grad: Mar 89. AM/31. Army Aviator Ofc, Wt 1979.

BRONDEL, William J., (CW2) (M87) (Bill) 3810-D Porter Loop, Wahluwa, HI 96786. Dy: (808) 655-0617. Res: (808) 656-2222. S: Beverly. Dy: Aviator, D Co, 53-AHB, Schofield Bks, HI. Rtg: AA TP. Maint Ctr: UH-1. Time: 800 Hrs. Grad: Dec 85.

BROSNAN, John F., (W01) (M89) (Cruise) 286 Malibu Drive, SE, Lacey, WA 98503. Dy: (206) 967-7377. Res: (206) 459-9307. Dy: A Co, 29 Avn Regt, Ft. Lewis. Rtg: AA TP. Maint Ctr: UH-1. Time: 180 Hrs.

BROWN, Clifford L., (CW4) (M86) (Cliff) 205 Keims Ct, Ozark, AL 36360. Dy: (205) 255-4313. Res: (205) 774-0030. S: Dottie. Dy: Personnel Prog Sys Mgr, Dir of Avn Proj, Ft. Rucker. Rtg: MAA IFE SIF TP. Maint Ctr: UH-1 CH-47 OH-58. 6,000 Hrs./Cdt 670 Grad: Mar 69. DFC/1 AM/6.

BROWN, Don L., (CW2) (M87) 85 Red Cloud Road, Fort Rucker, AL 36362. Dy: (205)

255-6008. Res: (205) 598-4092. S. Frances. Dy: Helicopter Pilot. A Co. 1-14 ATB. Rtg: AA IP. Qual: AH-1S. Time: 950 Hrs. Grad: Jan 86.

BROWN, Gerald D., (WOC) (M89) (Downtown) 16 Blackwell Street Ft. Rucker, AL 36362. Dy: (205) 255-4006. Res: (205) 598-2133. Dy: C Co, 2-145th Avn. Rtg: AA. Qual: CH-47D. Maint Crs: CH-47D. Time: 209 Hrs. Grad: May 89.

BROWN, Richard E., (CW4) (M79) 8158 Avn. Box 1467, USMACV-USA-WBS, APO NY 09847. Dy: 337-5258. S. Sharon. Dy: A Co, 8th/158th Avn. Rtg: MAA IP. Maint Crs: AMOC. Time: 5,500 Hrs./Cdt 1,100 Grad: May 65. DFC, AM/26.

BROWN, Roger H., (CW2) (M85) 618 Wagon Trail, Clarksville, TN 37042. Dy: UH-60 Pilot. C Co, 5101st Avn Regt, Ft. Campbell. Rtg: AA.

BROWN, Trevor C., (WOC) (M89) CMR 2, Box C-12376, Fort Rucker, AL 36362. Dy: (205) 255-6591. Dy: B Co, 1-145th Avn. Rtg: AA.

BRUCE, Robert B. II., (CW2) (M86) (Bob) 102 Habersham Place, Enterprise, AL 36330. Dy: (205) 255-3260. Res: (205) 347-5947. S. Kathy. Dy: E Co, 1-14 Avn Regt, Ft. Rucker. Rtg: AA IP. Time: 2,400 Hrs. Grad: Dec 82.

BRUMMER, Jeffrey E., (WO1) (M89) (Diamond) 4760 Shadowglen Drive, Colorado Springs, CO 80918. Res: (719) 589-8932. S. Patricia. Dy: A1-4 Avn, Ft. Carson. Rtg: AA. Qual: AH-1S. Time: 300 Hrs. Grad: May 89.

BRUNSTING, Clifford D., (CW4) (M75) (Sting) 5314 East Hannibal Street, Mesa, AZ 85205. Dy: (602) 891-3506. Res: (602) 396-3885. S. Debra. Dy: Acceptance Pilot, U.S. ARPRD-MDHC. Rtg: MAA. Qual: AH-1S AH-64A. Time: 4,000 Hrs./Cdt 300 Grad: Jul 71. AM/1 V. Past VP, Wings Of The Marine Chapter.

BUCHANAN, Robert J., (CW4) (M69) 302 Robin Lane, Enterprise, AL 36330. Dy: (205) 255-2480. S. Barbra. Dy: DGFS. Past Ft. Rucker. Rtg: MAA IP. Saf Crs: Mil Civ. Time: 6,500 Hrs./Cdt 600 Grad: Aug 68. AM/15. Retirement date: 1 Feb. 90.

BUCKRUCKER, Kevin A., (CW3) (M79) (Buck) 890 Cholla Drive, Bartow, CA 92311. Dy: (619) 368-3084. S. Elizabeth. Dy: Road Wing IFE. Nat'l Troop Ctr Ft Detach, Ft. Irwin. Rtg: SAA IP. SIP IFE. Qual: UH-60A. Time: 2,870 Hrs. Grad: Jul 80.

BUERGLER, Richard K., (CW3) (M80) (Rick) 101 Nancy Drive, Enterprise, AL 36330. Dy: (205) 255-2402. Res: (205) 347-4177. S. Angela. Dy: A Co, 1-223 Avn Regt, Ft. Rucker. Rtg: SAA IFE. SIP. Time: 3,700 Hrs. Grad: Jul 77.

BUS, Roger A., (CW3) (M89) 211 Joseph Drive, Ozark, AL 36360. Dy: (205) 255-5003. Res: (205) 774-0440. S. Pauline Elaine. Dy: AH-580 IP. SIP C Co, 1/14 Avn Regt, ATB, Ft. Rucker. Rtg: AA IP. Time: 2,700 Hrs. Grad: Feb 81.

BULGER, Bruce E., (CW3) (M89) (Bruce) 494 Wylder Drive, Newport News, VA 23602. Dy: (804) 878-4154. Dy: USAALS, DOES, Ft. Eustis. Rtg: SAA IP. TP. Maint Crs: OH-58. Qual: OH-58A/C. Time: 2,200 Hrs. Grad: Apr 78.

BURBANK, Richard W., (CW4) (M70) (Rich) A Co, 1st Battalion, 501st Aviation, APO SF 96301-0011. Dy: 011-82-7913-2475. Res: 011-82-574-8102. S. Ennsa. Dy: C-12 IFE, Seoul Korea. Rtg: MAA IP IFE. Qual: UH-60A. Time: 6,500 Hrs./Cdt 1,200 Grad: Feb 69. DFC1, AM/V.

BURGESS, Ronald E., (CW4) (M76) (Ron) 202 Woodwind Drive, Enterprise, AL 36330. Dy: (205) 255-3551. Res: (205) 347-2032. S. Linda. Dy: D1-14 Avn, Ft. Rucker. Rtg: MAA IP. SIP. Maint Crs: UH-1. Qual: AH-1S AH-64A. Time: 5,000 Hrs./Cdt 300 Grad: Feb 72. AM/6.

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The 1989 Who's Who in AWO Aviation

BURK, James E., (WO1) (M82) (Jim) 5887 Fisher, Fort Hood, TX 76544. Dy: (817) 287-1281. Res: (817) 539-2529. S. Mary Lou. Dy: 153 DG, UH-60 TP, K1689th Maint Bn. Rtg: AA TP. Maint Crs: UH-60A. C. UH-60A. Time: 920 Hr Grad: May 82.

BURNSIDE, Robert M., (CW2) (M86) (Chainsaw) B Co, 2/3 Aviation Regiment, APO NY 09182. Dy: ETS 352-747. Res: 01149-931-661993. S. Shela. Dy: Scout Pilot, Cobra, Giebstadt, FRG. Rtg: AA. Qual: AH-1S. Time: 700 Hrs. Grad: Sep 86.

BURROUGHS, Thomas C., (CW4) (M69) (Tom) 218 Viking Drive, Fayetteville, NC 28303. Dy: (919) 226-2004. Res: (919) 868-8357. S. Olivia. Dy: Assignments Officer, Corps G-1 XVIII Airborne Corps. Rtg: MAA. Saf Crs: Mil. Time: 2,000 Hrs./Cdt 684 Grad: Aug 69. DFC, AM/26.

BUSH, Lawrence D., (CW4) (M69) 1990 Simonsell Road, Mueselgion, MI 49445. S. Linda. Dy: Scout Pilot, Company A, 1238th Avn Regt, MI ARNG, Grand Lodge. Rtg: SAA. Time: 3,000 Hrs./Cdt 1,000 Grad: Sep 70.

BYRNE, Brian M., (WO1) (M89) 3706-A Collier Street, Wahiawa, HI 96786. Dy: (808) 566-2626. Res: (808) 624-0176. S. Carolyn E. Dy: Scout Pilot, B Co, 1-25th Avn Regt. Rtg: AA. Time: 200 Hrs. Grad: Dec 88.

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CAIN, Rodney E., (CW3) (M83) (Rod) H Co, 4th Avn Regt, APO NY 09457-2983. Dy: 06121/337-5575. Res: 06122-13760. S. Lisa. Dy: TF "SNAK" Stdn Otr, Wiesbaden Germany. Rtg: MAA IP. Qual: UH-60. Time: 2,900 Hrs. Grad: Jul 80.

CALDWELL, Steven G., (WO1) (M88) 98-288 Kaohiro Street, Apt. 3403, Aiea, HI 96701. Dy: (808) 666-2541. Dy: C Co, 53d Avn Bn OH-58A. Rtg: AA.

CALLAHAN, Brian D., (CW2) (M85) 26 Cade Lane, Fort Rucker, AL 36362. Dy: (205) 255-8008. Res: (205) 598-4914. S. Caroline. Dy: Ft Instr. A1-14 Avn. Rtg: AA IP. Qual: AH-1S. Time: 1,400 Hrs. Grad: Jan 85.

CAMPBELL, Michael L., (WO1) (M89) 4048 Westmeadow Drive, Colorado Springs, CO 80906. Dy: C Co, 1-4 Avn, Ft. Carson. Rtg: AA. Qual: AH-1S. Time: 300 Hrs. Grad: Dec 88.

CAMPBELL, Richard E., (CW4) (M82) (Rick) 207th Avn Co, Box 128, APO NY 09102-3737. S. Cynthia. Dy: C-12 Pilot, Heidelberg, Germany. Rtg: MAA IFE IP. Maint Crs: UH-1 CH-47 UH-60 PW. Qual: UH-60A. Time: 7,700 Hrs./Cdt 990 Grad: Oct 70. DFC2 AM/1 V.

CARR, Tyrus R., (CW4) (M81) (Ty) 245 Rustlake Court, Newport News, VA 23602. Dy: (804) 878-2805. Res: (804) 249-0542. S. Susan. Dy: Instructor, Army TP School, Ft. Eustis. Rtg: MAA IP. TP. IFE. Maint Crs: AMOC. Qual: AH-1S. Time: 7,000 Hrs./Cdt 1,800 Grad: Nov 66. DFC, AM/32. Past SP. Redcatcher Chapter.

CARRILL, Stephen A., (CW3) (M87) C Troop, 2/7 Cavalry Fort Carson, CO 80913. Dy: Safety Officer/Pilot. Rtg: AA.

CARTER, Nancy K., (CW3) (M85) 1233 Carmelita Drive, Sierra Vista, AZ 85635. Dy: Avn Troop SGT Co, USA IFE Otr & Schl, Ft. Huachuca. Rtg: AA. Qual: EH-60A. Time: 1,900 Hrs. Grad: Jun 72.

CASE, Larry W., (CW4) (M84) (Dustbow) 409 W.

Voelter Ave, Killeen, TX 76541. Dy: (817) 288-3969. Res: (817) 554-6682. S. Debbie. Dy: C Troop, 2/1 Cav 2AD, AH-1 SIP. Rtg: SAA SIP. Qual: AH-1S. Time: 2,800 Hrs. Grad: Oct 74. Past Tra, Redcatcher Chapter.

CASH, Guy W., (WO1) (M89) (Chip) B Company, 4-159 Avn, No. 114, APO NY 09359. Dy: 421-4151. Res: 0711-34-00644. Rtg: AA. Time: 525 Hrs.

CATILINI, John E., (CW4) (M80) (Mc) 3101 Box 1243, Fort Belvoir VA 22060. Dy: (301) 981-7897. Res: (703) 780-0937. Dy: Safety Officer, USAF Air Priority Air Transport Det. Rtg: MAA IFE SIP. Saf Crs: Mil Civ. Time: 5,400 Hrs./Cdt 1,350 Grad: Aug 69. DFC, AM/34.

CAWANAUGH, Patrick W., (CW2) (M86) (Cav) 5114-1 Pelham Street, Fort Riley, KS 66442. Dy: E Co, 1st Avn Regt. Rtg: AA IP. Saf Crs: Mil. Qual: UH-60A. Time: 1,500 Hrs. Grad: Nov 84.

CAYLOR, Monte E., (CW2) (M89) 2145 Griffith Terrace, Manhattan, KS 66502. Dy: (913) 239-3881. Res: (913) 537-0716. S. Pauletta. Dy: Act Maint Tech, F Co, 1st Avn Regt. Rtg: AA TP. Maint Crs: UH-1 UH-60. Saf Crs: Civ.

CERDEDO, Adrian L., (CW2) (M89) 1314-B Opal Road, Killeen, TX 76543. Res: (817) 287-8195. Res: (719) 539-4034. S. De'Onna. Dy: Avn. A Troop, 1/6 Cav, 6 CBAC. Rtg: AA. Qual: AH-64A. Time: 700 Hrs. Grad: Dec 88.

CHAMPION, Michael G., (CW2) (M89) 5961 Wainwright, Fort Hood, TX 76544. Dy: (817) 287-8195. Res: (719) 539-4034. S. De'Onna. Dy: Avn. A Troop, 1/6 Cav, 6 CBAC. Rtg: AA. Qual: AH-64A. Time: 700 Hrs. Grad: Dec 88.

CHANDLER, James E., (WO1) (M88) (Jim) O Troop, 42 ACR, Box 5, APO New York 06032-0216. Res: (717) 534-3740. S. Rebecca. Dy: O Troop, 42 ACR, Numberg, W Germany. Rtg: AA. Qual: AH-1. Time: 260 Hrs. Grad: Apr 88.

CHANDLER, James T., (CW3) (M89) (Jay) 2141 Long Lane, Lebanon, PA 17042. Dy: (717) 865-8917. S. Kim. Dy: Ft. Irwindown Gap. Rtg: AA IFE SIP IP. Maint Crs: UH-1 UH-60 CH54. Qual: UH-60A. Time: 3,700 Hrs. Grad: Nov 78.

CHAPMAN, Archie J. Sr., (WO1) (M88) (A.J.) H Company, 1st Avn Regt, Box 2071, APO New York 09250. Dy: 4672-871639. Res: 06802-1431. S. Deleen. Dy: H Co, 1st Avn Regt, Katterbach Army Heliport. Rtg: AA. Qual: UH-60A. Time: 300 Hrs. Grad: Mar 89.

CHENAULT, Richard K., (WO1) (M88) 22 Anderson Street, Fort Rucker, AL 36362. Dy: (205) 255-9837. Res: (205) 598-1637. S. Nancy. Rtg: AA. Time: 200 Hrs. Grad: Jul 89.

CHUBBOY, Marshall A., (WO1) (M87) (Gator) 7th AR Cav, 3rd Sgtn, HHT (WRAP/TO), APO New York 09028. S. Sabine. Dy: AH-1 Cobra Pilot, Sandhoken, W. Germany. Rtg: AA. Maint Crs: AH-1. Qual: AH-1S. Time: 175 Hrs. Grad: Jun 89.

CHURCH, James R., (CW3P) (M87) (Rick) 170 Hickory Grove Blvd., Clarksville, TN 37040. Res: (615) 552-3515. S. Cindy. Dy: 1-101 Avn Regt. Rtg: SAA IFE. Qual: AH-1S. Time: 4,500 Hrs. Grad: Dec 76. AM/1.

CHURCH, William A., (CW3) (M79) (Bill) A Company, 5501st Aviation Regiment, APO San Francisco 96308/0420. Dy: 721-2245. Res: 721-2315/16. Dy: Aemsout Instr Pilot, Camp Eagle. Rtg: SAA IP. Time: 3,891 Hrs. Grad: Jan 79.

CLARK, Robert L., (CW3) (M88) (B.C.) 14 Galt Lane, Fort Rucker, AL 36362. Dy: (205) 256-8418. Res: (205) 598-1556. S. Paula. Dy: IP, Co D, 1212 Avn Bn. Saf Crs: Mil. Rtg: SAA IP. Time: 2,800 Hrs.

CLARKE, Paul H., (CW3) (M77) B Co, 2d Bn, 3d

Avn Regt., Box 88, APO NY 09182. Dy: ETS 352-7477. Res: (0631-400364. S: Elaine. Dy: Instr Fit Examiner, Giebelstadt, FRG. Rtg: SAA IP. Mnt: Csr. AH-1. Qual: AH-1S. Time: 2,500 Hrs. Grad: May 76. Past VP, Redcatcher Chapter.

CLOSE, Bert W. (WO1) (M86) O Trp. 42 ACR Box 183, APO NY 09092-0216. Dy: 09128-70-64. Res: (904) 584-6374. Dy: Aik Hcpr Pilot. Facility AAF, Germany. Rtg: AA. Qual: AH-1S. Time: 525 Hrs. Grad: Dec 87.

COATES, David A. (CW4) (M72) (Dave) Box 702 AUSSA, APO New York 09457. Dy: SIP IFE, Wiesbaden AB. Rtg: MAA IFE SIP IP TP. Mnt: Csr. AH-1. Qual: AH-1S. Time: 4,150 Hrs. Cdt 700 Grad: Jan 70. AMZ7. Past VP, Air Assault Chapter.

CODER, D. Robert (CW4) (M85) (Bob) 19505 7-0 The Mook Monument, CO 80132. Dy: (719) 579-0733. Res: (719) 488-9413. S: Bricia. Dy: Avn Sq. Off. 1-4 Avn Regt. Rtg: MAA. Saf Csr: Mil. Qual: AHS. Grad: Nov 69. 1986 McClellan Award.

COGHLIN, Harold A. (CW3) (M84) 1241 Wales Avenue, Birmingham, AL 35213. Dy: (703) 661-5858. Res: (205) 956-2043. S: Patricia. Dy: FW RW SIFP/FE W. 121st ARCOM Avn Svc. Rtg: SAA IFE SIP. Qual: UH-60A. Time: 10,068 Hrs. Grad: Nov 79. Past VP, Mid-America Chapter.

COKER, James E. (CW5) (M89) (Eddie) 109 Fieldbrook Drive, Enterprise, AL 36330. Dy: (205) 255-6418. Res: (205) 347-0690. Dy: SIP, UH-1H, D/1-212. Rtg: AA SIP. Time: 3,700 Hrs.

COLEMAN, George L. (CW4) (M83) P.O. Box 60038, Savannah, GA 31420. Dy: (912) 352-5161. Dy: SIP, A Co, 224th MI Bn, Hunter AAF. Rtg: MAA TP SIP. Mnt: Csr: AMOC FW. Time: 4,800 Hrs./Cdt 450 Grad: Apr 70. AM/1.

CONNOR, William C. (CW5) (M82) 39 Boyce Lane, Fort Rucker, AL 36362. Dy: (205) 255-5223. Res: (205) 598-1875. S: Kim. Dy: C Co, 1223rd Avn. Rtg: AA SIP. Mnt: Csr: UH-60. Qual: UH-60A. Time: 2,200 Hrs. Grad: Aug 82.

COOK, William J. (CW3) (M89) 6415 Parking Court, Lisle, IL 60532. Dy: (312) 657-2118. Res: (312) 963-5639. S: Wendy. Dy: Instr Pilot, A Co, 2152nd Avn Regt, NAS. Rtg: SAA IP. Qual: UH-60A. Time: 1,500 Hrs. Grad: May 80.

COOPER, William R. (CW4) (M85) (Ron) 424 N. 25th Street, Camp Hill, PA 17011. Dy: (717) 737-2748. Res: (717) 737-2748. S: Marybeth. Dy: 1000 Heavy Hcpr Pilot, Co H, 104th Avn, Harsburg. Rtg: SAA. Mnt: Csr: UH-1 CH-54 OH-58. Time: 1,957 Hrs./Cdt 968 Grad: Mar 71.

COUNCIL, Julian H. (CW2) (M89) 1533-4 Lower Brick Row, Fort Riley, KS 66442. Res: (913) 784-6039. Dy: Pilot, D Co, 4th Bde. Rtg: AA SIP. Time: 2,150 Hrs.

COURNOYER, Marc P. (CW2) (M88) (Marcus) 3009 Ira Young Drive, Apt. 615, Temple, TX 76701. Dy: (817) 268-3473. Res: (817) 771-1210. S: Sally Louise. Dy: AH64 APPACHE IP, B Co, 3227th AHB, 3d AD, Hanau, FRG. Rtg: AA IP. Mnt: Csr: AH-64. Saf Csr: Civ. Qual: AH-1S AH-64. Time: 1,800 Hrs. Grad: Aug 82.

COX, Robert E. (CW2) (M87) (Bob) 2060 Werner Park, Apt. A, Ft Campbell, KY 42223. Res: (615) 431-5568. S: Glenda. Dy: A Co, 3501st Avn Regt, Korea. Rtg: AA. Mnt: Csr: CH-47. Saf Csr: AMOC. Qual: CH-47D. Time: 1,600 Hrs. Grad: Jan 85.

COX, Terry E. (CW4) (M76) 1720 Fox Trail, Harker Heights, TX 76543. Dy: (817) 287-4293. Res: (615) 698-8138. S: Terry. Dy: Quality Control Officer, 158 Avn Regt, Ft. Hood. Rtg: SAA TP. Mnt: Csr: AH-1 AH-64. Qual: AH-1S AH-64A. Time: 2,500 Hrs. Grad: Nov 75.

C The 1989 Who's Who in AWO Aviation

COY, Bradley A. (WOC) (M89) Route 4, Box 301 Ozark, AL 36360. Dy: (205) 255-6591. Res: (205) 255-6591. Dy: B Company, 1st Battalion, 145th Aviation Regiment, Ft. Rucker.

CROMARTY, Eugene R. II. (CW2) (M87) (Geno) B Co, 1st MI Bn, APO New York 09457. S: Iris. Dy: 155 E C-12 Pilot, Wiesbaden, Germany. Rtg: AA. Saf Csr: Mil. Qual: AH-1S. Time: 1,600 Hrs. Grad: Mar 85.

CROTHERS, Sean C. (CW2) (M87) 22 Ferguson Lane, Fort Rucker, AL 36362-2414. Dy: (205) 255-4212. Res: (205) 598-8002. S: Son Mi. Dy: A Co, 1/212th Avn Regt, Ft. Rucker. Rtg: AA IP. Time: 2,300 Hrs. Grad: May 84.

CROWE, Richard K. (CW2) (M87) A Co, 4/229 AAHR, 11th AVB, APO New York 09140. S: Alison. Dy: A Co, 4-229th AAHR "Flying Tigers" Stork Bk, Ilesheim, W. Germany. Rtg: AA. Qual: AH-64A. Time: 375 Hrs. Grad: Aug 87.

CRUZ-SEGARRA, Richard (CW4) (M83) (Ric) P.O. Box 872, Fort Rucker, AL 36362. Dy: (205) 255-5742. S: Marty. Dy: Ing Dev Officer, DOTO. Rtg: MAA. Saf Csr: Mil Civ. Time: 2,500 Hrs./Cdt 200 Grad: Nov 72.

CRYER, Robbie L. (CW4) (M87) 53 Savoy, Lake St Louis, MO 63367. Dy: (314) 263-3232. Res: (314) 625-4152. S: Juliet. Dy: UH-1 MWV Systems Mgr, AVSCOM. Rtg: AA TP. Mnt: Csr: UH-1 AH-1 FW. Qual: AH-1S. Time: 4,000 Hrs./Cdt 500 Grad: May 69. 3A.

CURREN, John F. (WOC) (M89) 100 A.M. Windham Drive, Apt. 605, Daleville, AL 36322. Dy: (205) 255-4006. Res: (205) 598-9182. S: Christine. Dy: C/1-145 Avn, Ft. Rucker. Rtg: AA. Time: 130 Hrs. Grad: Sep 89.

CUTHBERT, Michael E. (WO1) (M88) (Swanger) 495 Tartan Court, Fayetteville, NC 28311. Dy: (919) 396-2002. Res: (919) 488-9363. S: Karin S. Dy: Aviator 153 D0, HHT V17 Cav, 82d Avn Div, Ft. Bragg. Rtg: AA. Qual: UH-60A. Time: 350 Hrs. Grad: Nov 88.

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DAHLSTROM, David B. (CW4) (M83) 207th Avn Co, Box 46, APO NY 09102. S: Donna. Dy: 207th Avn Co. Rtg: SAA SIP IFE. Mnt: Csr: FW. Qual: UH-60A. Time: 5,500 Hrs. Grad: Oct 74. Past Treasurer, Checkpoint Charlie Chapter.

DAHMER, John N. (CW4) (M83) 417-A Rossell Loop, Ft. Belvoir, VA 22060-1908. Dy: (301) 981-7686. Res: (703) 781-6839. S: Susan. Dy: G-III Pilot, Priority Air Trans Det, Andrews AFB, Washington. Rtg: MAA IP IFE. Time: 5,910 Hrs./Cdt 351 Grad: Jun 71. AM/15.

DALBY, William S. (CW5) (M86) 3424 Treemill Circle, Manhattan, KS 66502. Dy: (913) 239-3166. Res: (913) 539-8248. S: Evelyn. Dy: AH-1 Sr Inst. Pilot, A Co, 1-1 Avn Regt, Ft. Riley. Rtg: AA SIP. Mnt: Csr: AH-1. Qual: AH-1S. Time: 4,500 Hrs./Cdt 900 Grad: Nov 71.

DAILY, Peter M. (CW4) (M75) 10204 Ocean Drive, Corpus Christi, TX 78419. Dy: (512) 839-3166. Res: (512) 939-8921. S: Marlene. Dy: Sdn Pilot, COAD, SDSCC-EV Stop 39. Rtg: MAA SIP IP. Mnt: Csr: OH-58 AH-1 UH-1. Time: 7,000 Hrs., Cdt 684 Grad: Feb 69. DFC2 AM/2 V.

DAUGHTRY, Roy E. (CW3) (M88) 215 Sharon Ln, Ozark, AL 36360. Dy: (205) 255-4512. Res: (205) 744-3676. S: Carolyn. Dy: Bde Safety Off, ATB, Ft. Rucker. Rtg: SAA IP. Mnt: Csr: UH-1. Saf Csr: Mil. Time: 3,000 Hrs. Grad: Dec 77.

DAVIDIAN, Lawrence D. (CW4) (M89) (Larry) H Co, 227th Aviation, APO NY 09165. S: Heidi M. Dy: Combat Avn Bde, 301st Standards Olet. Rtg: AA IFE SIP. Mnt: Csr: UH-60. Qual: UH-60A. Time: 5,800 Hrs./Cdt 1,200 Grad: Oct 81. AM/46.

DAVIDSON, Stephen L. (CW4) (M87) (Boomer) 609 Willow Oaks, Ozark, AL 36360. Dy: (205) 255-8245. Res: (205) 744-4405. S: Connie. Dy: Foreign Material Test Div, AITA, Ft. Rucker. Rtg: MAA SIP. Mnt: Csr: FW. Qual: CH-47D. Time: 8,100 Hrs./Cdt 1,995 Grad: Oct 67. DFC2 AM/55. Past SrVP, Schwebsch Hall Chapter.

DAVIS, Donald H. (CW2) (M83) 1801 Big Bend Drive, Killeen, TX 76542. Dy: (817) 287-8195. S: Peggy. Dy: AH-64A Instructor Pilot, C Trp, 116 Cav. Bde Cav Bde. Rtg: AA IP. Qual: AH-64A. Time: 1,250 Hrs.

DAWSON, Michael J. (CW2) (M87) (Mike) A Co, 2d Bn, 3d Avn Regt, Box 95, APO NY 09182. Dy: ETS 352-7339. Res: 09337-746. S: Kim. Dy: AH-1F Pilot, Giebelstadt, FRG. Rtg: AA. Saf Csr: Mil. Qual: AH-1S. Time: 1,000 Hrs. Grad: Oct 86.

DAWSON, Robert J. (CW4) (M83) (Bob) EUCCOM Ft Det, Box 612, APO NY 09359. S: Catherine. Dy: Stuttgart, W. Germany. Rtg: MAA IP.

DAY, David L. (CW4) (M89) 6838 Todd St, Fort Hood, TX 76544. Dy: (817) 287-6219. Res: (817) 539-5278. S: Sherrie. Dy: Bde Safety Off, 6th Cav Bde (AC), Ft. Rucker. Rtg: MAA. Qual: AH-1S AH-64A. Time: 2,200 Hrs./Cdt 411 Grad: Apr 71. AM/15.

DEINIS, Donald W. (CW4) (M85) (Don) A Company, 1st Battalion, 223rd Aviation Regiment, Fort Rucker, AL 36362. Dy: (205) 255-2402. S: Carol. Dy: Section Ld, (PIFE), Rtg: AA IP. Mnt: Csr: UH-1. Time: 4,000 Hrs./Cdt 800 AM/32.

DENT, James T. (CW4) (M89) (Skip) USAIC, ATSC, Fort Huachuca, AZ 85613. Dy: (602) 538-2805. Res: (602) 378-3477. S: Jo Ann. Dy: SIP OH-10 ATSC, Ft. Huachuca. Rtg: MAA SIP. Time: 5,000 Hrs./Cdt 1,350 Grad: Jun 69. DFC1 AM/22.

DESPRES, Brendon J. (CW2) (M83) (Tim) 15th Med Det (FG), Box 3738, APO NY 09114. S: Cynthia. Dy: 15th Med Det (HA). Rtg: AA TP. Mnt: Csr: UH-60. Qual: UH-60A. Time: 1,800 Hrs.

DESSAU, Gunter H. (CW4) (M75) (Gunny) 2012 Galaxy Drive, Killeen, TX 76543. Dy: B Co, 2/15 Avn Regt, 6th Cav Bde, Ft. Hood. Rtg: SAA TP. Mnt: Csr: CH-47. Qual: CH-47D. Time: 2,900 Hrs./Cdt 560 Grad: May 70. AM/11.

DETFLESEN, Kevin M. (CW2) (M89) (Leopard) 7345 Songbird Drive, Colorado Springs, CO 80911. Dy: (719) 578-2753. Res: (719) 391-1075. S: Mary Ellen. Dy: AH-1 IP, A Co, 1-4 Avn Regt. Rtg: AA IP. Qual: AH-1S. Grad: Apr 84.

DEW, Brian B. (WOC) (M89) 505 Briarwood Drive, Apt. 1-8, Enterprise, AL 36330. Dy: (205) 255-6591. Res: (205) 393-3677. S: Teresa D. Dy: C Co, 1-145 Avn. Rtg: AA. Grad: Jun 89.

DICKER, Charles P. (WO1) (M88) (Chuck) 135 Ingleside Drive, Fayetteville, NC 28303. Dy: (919) 396-8583. Res: (919) 867-3133. S: Judy. Dy: A Co, 1-82 Avn Bde, Ft. Bragg. Rtg: AA. Qual: AH-64A. Time: 204 Hrs. Grad: Feb 89.

DICKSON, Richard E. (CW3) (M88) (Rick) T Trp, 4/11th ACR, APO NY 09146. Dy: ETS 321-3714. Res: 0661-45564. Dy: AH-10H-58 Mnt Trp, T Trp, 4/11th ACR, Fulda, W. Germany. Rtg: SAA

TP. Maint Ctr: AH-1 OH-58. Qual: AH-IS. Time: 2,900 Hrs. Grad: Feb 77.

DILLARD, Jeffrey D., (CW3) (M79) (JD) 94-515 Ansonia Ct, No. 136, Milford, HI 96989. Dy: (808) 656-2799. Res: (808) 623-4061. S: Debbie. Dy: Maint Off: C Co, 125th Avn Rgt, Schofield Bks. Rtg: AA TP. Maint Ctr: AH-1. Qual: AH-IS. Time: 1,750 Hrs. Grad: May 79.

DILLON, Scott, (CW2) (M85) S Trp, 4th Sqn/11th AC, APO NY 09146. S: Kaye. Dy: UH-60 Pilot/Border Unit Trainer, 4/11th AC, Fulda, FRG. Rtg: AA. Qual: UH-60A. Time: 1,700 Hr. Grad: Jun 85.

DLOHMEYER, Richard D., (CW2) (M85) (Rick) C Co, 6th/158th, Box 108, APO NY 09025. Dy: (01) 49-791-45657. Res: (01) 49-291-2603. S: Sandy. Dy: Instructor Pilot, Schwaebisch Hall, FRG. Rtg: AA IP. Qual: UH-60A. Time: 1,500 Hrs. Grad: Mar 85.

DONAHUE, Kenneth A., (CW4) (M71) (Doc) 132 North Harris Drive, Fort Rucker, AL 36362. Dy: (205) 255-2427. Res: (205) 598-8494. S: Carmen. Dy: RW SIP, DES, USAF/AVIC. Rtg: MAIA SIP. S: C. Co, 11th Avn Rgt, H-HA. Time: 4,500 Hrs./Cbt 150 Grad: Jul 71. DFC AM/5. Past Treasurer, Redcatcher Chapter.

DOTSON, Daniel S., (WOC) (M89) Route 3, Lot 116, Holiday Village, Enterprise, AL 36330. Dy: (205) 255-4006. Res: (205) 347-5370. S: Tina. Dy: C Co, 1-145 Avn, Rtg: AA.

DOTTNER, Jack H., (CW4) (M76) C Company, 160th SOAG, Fort Campbell, KY 42223. Dy: (502) 798-5083. Dy: C/160th SOAG, Ft. Campbell, Rtg: MAIA TP. Maint Ctr: UH-1 UH-60. Qual: UH-60A. Time: 5,500 Hrs./Cbt 1,021 Grad: Oct 69.

DRAGON, Kelley, (CW3) (M85) B Co, 5/158th Avn Rgt, APO NY 09039. Dy: ETS 328-7197. Rtg: SAA IFE. Maint Ctr: UH-1. Time: 2,450 Hrs.

DUDECK, Daniel A., (CW2) (M85) (Dude) B Company, Task Force 23, Box 18, APO New York 09182. Dy: ETS 352-7457. Res: 09334-1419. Dy: Gielselstadt AAF, FRG. Rtg: AA. Qual: UH-60A. Time: 1,400 Hrs. Grad: Sep 84.

DUFFNEY, Robert J., (WO1) (M88) (Duff) 2009 Dickens Drive, Killeen, TX 76543. Dy: (817) 287-9688. Res: (817) 699-8181. S: Frances Margaret. Dy: B Co, 1-3 Avn, 2AD, Ft. Hood, Rtg: AA, Pilot. Qual: AH-64A. Time: 230 Hrs. Grad: Nov 88.

DUPLESSIS, Tony L., Jr., (CW4) (M65) 1188-A Drennan Park, Ft. Campbell, KY 42223. Dy: (502) 798-2029. Res: (615) 431-4282. S: Carolyn. Dy: HHC 101Avn BSW UH-60A SIF/IFE, Off Ft. St. Rtg: MAIA IFE SIP. Qual: UH-60A. Time: 5,000 Hr/ Cbt 880 Grad: Apr 66. Past Sec, Stuttgart Chapter.

DURKIN, Christopher, (CW2) (M89) (Dunk) 2567C Stryker Avenue, Fort Lewis, WA 98433. Dy: (357) 967-7508. Res: (206) 964-4533. S: Helen. Dy: Unit Avn Safety Off, 1st SFG(A) Ft. Det. Rtg: AA. Maint Ctr: UH-1 OH-58. S: C. Co, Mil. Qual: UH-60A. Time: 1,200 Hrs. Grad: Aug 83.

DUVNIAK, Mirko, (CW2) (M84) (Duv) 4592 Larwin Ave, Cypress, CA 96030-3508. Dy: (213) 499-8588. Res: (714) 828-5684. Dy: Adf. Duty Off, LAAAF. Rtg: AA. Time: 1,200 Hrs. Grad: Feb 83.

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EADY, Max R., (CW3) (M72) 312 W. Courtland Avenue, Muscle Shoals, AL 35661. Res: (205) 381-5415. S: Frankie. Dy: 1169th Engr Co, Huntsville, Rtg: MAIA. Time: 3,000 Hrs./Cbt 363 Grad: May 72. AM/13.

EARWOOD, Charles M., (CW4) (M84) 344 Marlboro Road, Newport News, VA 23602. Dy: (804) 878-1550. Res: (804) 874-1791. S: Diane. Dy:

D The 1989 Who's Who in AWO Aviation

AH-64 Sec Ldr, Felker AAF, Ft. Eustis. Rtg: AA IP. TP. Maint Ctr: AH-1 AH-64. Qual: AH-IS AH-64A. Time: 2,200 Hrs. Grad: Dec 75.

ECKER, Jon Robert, (CW2) (M88) S Trp, 4/11 AC, Box 358, APO NY 09146. Dy: UH-60 Test Pilot. Rtg: AA.

EDGEINGTON, Mark L., (WO1) (M85) (Sledge) HHT, 3rd Squadron, 4th Ar. Cav. Box 706, APO New York 09033. Dy: ETS 354-6406. Res: 00149-9722-3575. S: Friedrika. Dy: Wheel Vehicle Maint Tech, Schweinfurt, FRG.

EDMONDS, RV. John, (CW3) (M84) (John) F Company, DIS AVIM, Fort Carson, CO 80913. Dy: (719) 579-5060. S: Sharon. Dy: PC Otr. AVIM. Rtg: AA. Time: 1,500 Hrs./Cbt 50 AM/17.

EDWARDS, Ronald A., (CW4) (M70) 3113 Jarvis, El Paso, TX 79935. Dy: (915) 568-5104. Res: (915) 598-1709. S: Sharon. Dy: Sqn Stryk Ofc, HHT, 4th Sqn, 3 AC, Rtg: MAIA SIP IP. S: C. Co, Mil Saf. Time: 4,200 Hrs./Cbt 500 AM/56. Grad: 6FC, AM.

EISEMANN, Carl R., (CW4) (M79) P.O. Box 1074, HHC, VII Corps, APO NY 09107-5000. Dy: ETS 421-2554. S: Gabriele. Dy: Assign Off, VII Corps, USAF/REUR. Rtg: MAIA IP. Qual: AH-IS. Time: 3,700 Hrs./Cbt 1,823 Grad: Aug 67. DFC2, AM/56. Past Sec, Wings Of The Marine Chapter.

EISENSTADT, Frank A., (CW4) (M86) 1777 Second Avenue, Apt. 607, Fort Ord, CA 93941. Dy: (408) 242-2708. Res: (408) 384-7325. S: Tina. Dy: UH-60 IFE, B Co, 3/123rd Avn Rgt, Rtg: MA IFE IP. Time: 3,200 Hrs. Grad: Jan 74.

ELLIOTT, Joseph P., (CW2) (M86) 4/159th Avn Rgt, Box 343, APO New York 09359. Dy: 011-49-711-7294151. Res: 011-49-711-70205. Dy: UH-1 Pilot. Rtg: AA. Time: 900 Hrs. Grad: Jul 86. Secretary, Stuttgart Chapter.

ELOVICH, John D., (CW2) (M86) (J.D.) 30 Gall N, Fort Rucker, AL 36362. Dy: (205) 255-2690. Res: (205) 598-2667. S: Barbara. Dy: AH-IS (MC) IP/Crct Eval Br HHD, 1/14th Avn Rgt, Rtg: AA IP. Qual: AH-IS. Time: 1,600 Hrs. Grad: Dec 83.

ENGLUND, Robert K., (CW3) (M83) (Bob) 1061-6 Gateway Rd, Ft. Wainwright, AK 99703. Dy: (907) 353-7085. Res: (907) 356-1288. S: Pam. Dy: UH-1H Sldn Off, A Co, 4/123rd Avn Rgt, Rtg: AA SIP. Maint Ctr: UH-1, 2,400 Hrs. Grad: Jan 83.

ERIN, Craig A., (CW3) (M87) 1808 Shoemaker, Killeen, TX 76541. Dy: (817) 287-4550. S: Lorraine. Dy: Attack Helicopter Pilot, A 3/6 Cav. Rtg: AA IP. Qual: AH-IS AH-64A. Time: 1,620 Hrs. Grad: Sep 81.

ESTES, Robert A., (CW4) (M89) (Bob) 827 Harvard Drive, Edwardsville, IL 62025. Dy: (314) 263-1550. Res: (618) 692-9027. S: Pamela. Dy: Aircraft Maint Tech, AvSCOM. Rtg: AA TP. Maint Ctr: UH-1, AH-1. Qual: AH-IS. Time: 3,100 Hrs. Grad: Jan 74.

ETTER, Kevin A., (WO1) (M89) P.O. Box 5329, Fort Hood, TX 76544-0329. Dy: (817) 289-9115. Res: (817) 526-9246. Dy: UH-1 Med Evac Pilot, 3/507th Med (AA). Rtg: AA.

EVANS, Clifford J., (CW3) (M83) (C.J.) 5109 Lake Valley Drive, Fayetteville, NC 28303. Dy: (919) 396-8195. Res: (919) 868-5903. S: Suzanne. Dy: IFE/SIP Hq, 1/58th Avn Rgt, Rtg: SAA IP IFE.

Maint Ctr: UH-1. Saf Ctr: Mil. Time: 2,200 Hrs. Grad: Jun 81.

EVANS, William J., (CW3) (M88) (Bill) 79 Jouett Drive, Newport News, VA 23602. Dy: (804) 678-2605. Res: (804) 877-1051. S: Gloria. Dy: Maint TP/Inst Pilot, Ft. Eustis. Rtg: SAA IP. TP. Maint Ctr: UH-1. Time: 3,100 Hrs. Grad: Nov 75.

EVEREST, Frank K., (CW2) (M83) 3503CB Cdt Sheridan, Wahiawa, HI 96786. Dy: (808) 656-1145. Res: (808) 624-6587. S: Gloria. Dy: C Co, TP, Schofield Bks. Rtg: AA TP. Maint Ctr: AH-1. C. Co, Mil Saf. Time: 2,200 Hrs. Grad: Sep 83.

EVESQUE, M. Scott, (CW3) (M89) P.O. Box 740, Fort Campbell, KY 42223. Dy: (502) 798-6704. Res: (501) 845-5700. S: Celia. Dy: Plt Ldr, C Co, 5/101 Avn Rgt, Rtg: SAA IP. Qual: UH-60A. Time: 4,000 Hrs. Grad: Jun 80.

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FAINT, George R., III, (CW3) (M78) A Co, 1st Battalion, 501st Aviation, APO San Francisco 96301-0011. Dy: 741-6680. Res: 2/792-9890. S: Suk. Dy: IFE K-16, Seoul Airbase, Korea. Rtg: AA IP IFE. Time: 3,000 Hrs. Grad: Aug 76.

FELIX, Stanley P., (CW4) (M82) 419A Lacey Place, Fort Belvoir, VA 22060. Dy: (301) 981-7887. Res: (301) 360-8849. S: Jeannette. Dy: USAF/AF, Andrews AFB, MD. Rtg: SAA. Time: 5,430 Hrs. Grad: Apr 75.

FELTMATE, Reid D., (CW4) (M85) (Torpedo) Rt 2, Box 257, New Brockton, AL 36351. Res: (205) 894-5049. S: Elizabeth. Dy: B Co, 1-14, Fort Rucker. Rtg: MAIA SIP. Qual: AH-IS. Time: 5,500 Hrs./Cbt 1,650 Grad: May 69. Past Secretary, Thunderhorse Chapter.

FERRANVOLD, Frank T., (CW2) (M88) 910 Cumberland Drive, Clarksville, TN 37040. Dy: 1-101 Avn Rgt, Ft. Campbell, KY. Rtg: AA. Qual: AH-64A. Time: 1,200 Hrs.

FINOCCHIARO, Albert J., (CW3) (M82) (Al) 407 Grandpine Avenue, Enterprise, AL 36330. Dy: (205) 255-2442. Res: (205) 393-1362. S: Irma. Dy: RW SIP, DES, Rtg: SAA SIP IFE. Time: 5,000 Hrs. Grad: Oct 76.

FITZGERALD, George T., (CW2) (M89) (Tom) 1429 Gill St, Apt. 456-A, Watertown, NY 13601. Dy: (315) 772-4385. Res: (315) 785-8184. S: Army. Dy: Utility Hel Pilot, 10th Min Div (LJ). Rtg: AA. Maint Ctr: UH-1. Time: 1,350 Hrs. Grad: Sep 83.

FLADRY, Robert R., (CW4) (M75) 702 River Bend Drive, Clarksville, TN 37043. Dy: (502) 798-5769. Res: (615) 358-3521. S: Sandra. Dy: SIP HSC, 160th Avn Rgt, Ft. Campbell, Rtg: MAIA IP. TP. Maint Ctr: UH-1. Time: 5,700 Hrs./Cbt 558 Grad: Mar 69. DFC1 AM/10.

FLANKEY, Steven F., (CW2) (M83) 7229 Shady Grove Lane, Fayetteville, NC 28314. Dy: (919) 396-4106. Res: (919) 868-2111. S: Laurie. Dy: B Co 1 B (Atk) 82 Avn Rgt, Ft. Bragg, Rtg: AA IP. Time: 2,500 Hrs. Grad: Mar 83.

FLOYD, James K., (WO1) (M86) (Kevin) O Troop, Box 319, APO NY 08092-0216. Dy: 09128-4614-641. Res: 0911-402-156. S: Robyn. Dy: Scout Pilot (OH-58), Feucht AAF, Rtg: AA. Time: 236 Hrs. Grad: Apr 89.

FDE, Daniel N., (CW4) (M82) (Dan) 4403 Hillside Court, Alexandria, VA 22306. Dy: (703) 664-4401. Res: (703) 765-5687. S: Debbie. Dy: CAC (H) DAA, Fort Belvoir, Rtg: MAIA IFE. Qual: UH-60A. Time: 7800 Hrs./Cbt 1,300 Grad: Dec 68. AM/27.

FORTUNE, Thomas H., (CW2) (M83) (HB) C Troop, 1-1 Cavalry, Box 309, APO NY 09250.

Dy: 4672/539. Res: 09824-8214. S: Cynthia. Dy: AH-1 Pilot, Katterbach, Germany. Rtg: AA. IP: Qual: AH-1S AH-F. Time: 1,300 Hrs.

FREY, Josef W.H., (CW4) (M85) (Joe) 9356 So. Mica Mine Glch., Littleton, CO 80127. Dy: (303) 340-9846. Res: (303) 697-9399. S: Bonnie. Dy: A, 2/135th Avn, Buckley, Aurora. Rtg: MAA SIP. Saf Crs: Mil Cvt. Qual: AH-1S,P,E,F. Time: 9,000 Hrs./Cbt 232 Grad: Aug 67.

FREY, Ernest W., (CW3) (M83) (Bill) O.F. G Co, 4th Avn Regt, APO NY 09185. Dy: ETS 334-3840/740. Res: 0613147583. S: Suzie. Dy: General Sp1, Finthen AAF, W. Germany. Rtg: SAA. IP: Qual: UH-60A. Time: 3,200 Hrs. Grad: Sep 80.

FREY, Robert E., (CW4) (M87) 105 Sequoia, Enterprise, AL 36330. Dy: (205) 255-3076. Res: (205) 347-6793. S: Pauline. Dy: D Co, 22229th Avn Regt, Ft. Rucker. Rtg: MA. IP: TP. Maint Crs: AH-1 AH-4A. Qual: AH-1S AH-64A. Time: 3,700 Hrs. Grad: Feb 72.

FRYE, Jerry W., (WO1) (M88) P.O. Box 325, Dupont, WA 98327. Dy: (206) 967-7380. Res: (206) 964-1169. Dy: Aeroscout Pilot, C Trp, 1-9 Cav, Ft. Lewis. Rtg: AA. Time: 305 Hrs. Grad: Dec 86.

FULLER, Gary L., (CW3) (M85) 20368 Warner Park, Fort Campbell, KY 42223-5000. Dy: (502) 798-2726. S: Denise. Dy: C75-101 Avn Regt. Rtg: AA SIP. Saf Crs: Cvt. Qual: UH-60. Time: 3,000 Hrs. Grad: May 81.

FULLER, Michael M., (CW2) (M78) P.O. Box 70152, Fort Bragg, NC 28307. Dy: (919) 396-5711. Res: (919) 497-4554. Dy: E Co, 1/159 Avn. Rtg: SAA. Saf Crs: Mil. Time: 1,400 Hrs. Grad: Feb 81.

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GADOMSKI, Thomas P., (CW4) (M89) (Tom) 2020 213th Street Ct E, Spanaway, WA 98387. S: Connie. Dy: Avn Safety Ofcr, Ft. Lewis. Rtg: MAA. Time: 2,800 Hrs. Grad: Dec 71.

GALE, Wesley J., (WO1) (M87) (Wes) 1664 Valley Road, Clarksville, TN 37043. Dy: (502) 796-2856. S: Cynthia. Dy: 4-101, Ft. Campbell. Rtg: AA. TP. Qual: UH-60A. Time: 500 Hrs. Grad: May 87.

GANN, Marcus C. Sr. (CW2) (M89) (Marc) 5427-B Seay Court, Fort Polk, LA 71459. Dy: (318) 535-4850. Res: (318) 537-0941. S: Wanda. Dy: AH-1 Pilot/BS Safety Ofcr, HHC 1-5 Avn Regt. Rtg: AA. Qual: AH-1S. Time: 975 Hrs. Grad: Jul 85.

GARDNER, Robert D., (CW4) (M81) (R.D.) 4418 Old Clarksville Pike, Clarksville, TN 37043. Res: (615) 362-3222. S: Judd. Rtg: MAA SIP. Qual: CH-47D. Time: 5,200 Hrs./Cbt 1,800 Grad: Apr 86. DFC3 AM/1 V.

GARRETT, Dale R., (CW4) (M89) 908 Morgan Lane, Ozark, AL 36360. Dy: (205) 255-4086. Res: (205) 774-0355. S: Peggy. Dy: Sdzn Ofcr, F Co, 1-14th Avn Regt, Ft. Rucker. Rtg: MAA SIP. Qual: CH-47D. Time: 4,500 Hrs./Cbt 800 Grad: Feb 70.

GARRETT, Michael E., (CW4) (M81) (Mike) HHS, 2d Mi Bn, Box 344, APO NY 09359. Dy: 421-4204. S: Joan. Dy: Sdzn Inst Pilot, 2d Mi Bn, Stuttgart AFB, Germany. Rtg: MAA TP SIP. Maint Crs: AMOC AH-1 F. Saf Crs: Mil. Time: 3,700 Hrs. Grad: May 73.

GASTON, David M., (CW2) (M88) D Company, 5/158 Avn Regt, Box 839, APO New York 09039. Dy: 069-1549-7268. Res: 069-548-5293. Dy: OH-58D IP, Frankfurt, FRG. Rtg: AA. IP. Maint Crs: OH-58D. Time: 2,000 Hrs. Grad: Oct 84.

F The 1989 Who's Who in AWO Aviation

GENAILE, Robert S., (CW2) (M86) (Scott) RR 2, Box 893, Copperas Cove, TX 76522. Dy: (817) 288-9498. S: Sharon. Dy: A Co, 1st 227th Rgt, 1st Cav Div Rtg: AA. Qual: AH-1S AH-64A. Time: 1,150 Hrs. Grad: Aug 82.

GENTRY, Charles D., (CW2) (M85) (Charley) Route 1, Box 122, Fairview, MO 64842. Res: (417) 632-4419. Rtg: AA. Time: 602 Hrs. Grad: Aug 85.

GERETY, David D., (CW3) (M87) 159th Medical Co (AA), APO New York 09175-3624. Dy: ETS 348-5825. Res: 06151-376029. S: Sandra. Dy: Medevac Pilot. Rtg: SAA. Qual: UH-60A. Time: 1,500 Hrs. Grad: Jul 87.

GERNER, Ronald W., (CW4) (M88) (Rig) 1801 Virginia Avenue, Copperas Cove, TX 76522. Dy: (817) 288-3825. Res: (817) 547-1247. S: Nancy. Dy: AHO Apache Trng Bde, Ft. Hood. Rtg: MAA. IP. Saf Crs: Cvt. Qual: AH-1S AH-64A. Time: 4,878 Hrs./Cbt 1,680 Grad: Apr 89. DFC1 AM/44.

GIBSON, Jackie T., (CW3) (M87) (Jack) 1437-A Weimer Park, Fort Campbell, KY 42223. S: Marie. Dy: 5/101st Airborne Div, Rtg: MAA TP. Maint Crs: UH-60. Qual: UH-60A. Time: 3,500 Hrs. Grad: Nov 72. DFC1 AM/27.

GIBSON, William E., (CW4) (M84) (Bill) Hg V Corps G-1, APO NY 09079-5000. Dy: 069/151-7501. Res: 06181-650613. S: Connie. Dy: V Corps Avn Assignments Off, Frankfurt, FRG. Rtg: MAA. IP. Saf Crs: Mil. Qual: AH-1S. Time: 4,000 Hrs./Cbt 800 Grad: Jun 87. DFC1 AM/31.

GIEBNER, Robert M., (CW4) (M73) (Bob) 3305 Talleywood Drive, Killeen, TX 76542. Dy: (817) 287-7757. Res: (817) 628-1252. S: Mary Beth. Dy: Asst S-3, AH-64 IP, Apache Trng Bde, Ft. Hood. Rtg: MAA. IP. Qual: AH-1S AH-64A. Time: 6,100 Hrs./Cbt 2,000 Grad: Jan 89. AM/39 IV.

GIFFIN, Robert P., (CW4) (M70) (Bob) 104 Yvonne C Dr, Enterprise, AL 36330-5000. Dy: (205) 255-5708. Res: (205) 393-3849. S: Martha. Dy: Sr. Tac Ofc, B Co, 1-145th Avn Regt. Rtg: MAA. Time: 4,000 Hrs./Cbt 600 Grad: Jan 70. DFC AM/15.

GIGANTI, Raymond G., (CW2) (M84) (Nick) 11753 Jennifer, El Paso, TX 79936. Dy: AV 978-8900. Res: (915) 857-6738. S: Diane. Dy: UH-1H Pilot, Medevac 2/150th Med Co, Ft. Bliss. Rtg: AA. IP. Maint Crs: UH-1H. Time: 2,000 Hrs. Grad: Dec 83.

GINALICK, Matthew, Jr. (CW4) (M68) 295 A Bales Lane, Frederick, MD 21701-3136. Dy: (301) 831-5864. Res: (301) 698-0400. S: Patricia M. Dy: Unit IP, 3/C4 158th Regt, 31st Avn Gp. Rtg: MAA SIP. IP. Time: 3,400 Hrs./Cbt 1,280 Grad: Apr 89. DFC3 AM/37.

GIRANY, Fred. (CW4) (M88) (Fred) D Co, 2/4 Avn Regt, APO NY 09185. Dy: 3343-795. Res: 06131-383240. S: Linda. Dy: D Co, 2/4 Avn Regt, Finthen AAF. Rtg: MAA TP. Maint Crs: AH-1. Qual: AH-1S. Time: 2,500 Hrs. Grad: Nov 86. AM/8.

GLASGOW, Fitz A., (CW3) (M87) (Fitz) 5906 Fisher Ave, Ft. Hood, TX 76544-5057. Dy: (817) 286-1196. Res: (817) 539-0920. S: Donna. Dy: RU-21 Pilot, 504 Mi Bn. Rtg: AA. IP. Maint Crs: AH-1 F. Qual: AH-1S. Time: 2,600 Hrs. Grad: May 81.

GLEGHORN, C.J., (CW2) (M87) 7809 Partridge Court, Prince George, VA 23875. Dy: (804) 320-6405. Res: (804) 861-1281. Dy: Co C, 4 Bn, 158th Regt, Ft. Eustis.

GLOVER, Jodie R., (CW4) (M82) (Joe) A Co, 8/158th Avn Regt., Box 1358, APO NY 09457. Dy: ETS 337-5460. Res: 496121-569186. S: Rena. Dy: SSA Plt Ld, Wiesbaden, FRG. Rtg: AA TP. Maint Crs: AH-1. Qual: AH-1S. Time: 2,350 Hrs./Cbt 232 Grad: Oct 72. AM/4.

GOODFAY, Allen R., (WO1) (M88) (Randy) C Co, 2-3 Aviation Regiment, APO NY 09182. S: Deborah. Dy: AH-1 Pilot, Geibelstadt AAF, FRG. Rtg: AA. Qual: AH-1S. Time: 280 Hrs. Grad: Apr 89.

GOODWIN, Paul L., (CW2) (M85) (Goose) A Trp, 2/6 Cav, Box 19, APO NY 09140-5000. Dy: 467-4522. Res: 09841-1402. S: Mary. Dy: A Trp, 2/6 Cav. Rtg: AA SIP. Time: 2,000 Hrs. Grad: May 82.

GOODALL, Gregory. (CW3) (M85) (Greg) A Co, 97th General Hosp, APO NY 09757. S: Elizabeth. Dy: 340 Kickapoo, Rtg: SAA. IP. Qual: UH/EH-60. Time: 1,700 Hrs. Grad: Jan 82.

GOODBODY, John B., (WO1) (M88) (G-Man) Q Troop, 4/11th ACR, APO NY 09146. S: Trudy. Rtg: AA. Qual: AH-1S. Time: 200 Hrs. Grad: Apr 89.

GORHAM, Thomas A.Jr. (CW3) (M80) (Tom) I Co, 3d Avn Regt, APO NY 09182-5000. Dy: ETS 352-7353. S: Mary Anne. Dy: Armt Plt Ld, Geibelstadt AAF. Past VP, Wings of Marie Chap.

GORMAN, John M., (CW3) (M89) (Moe) 5903 Fisher Avenue, Fort Hood, TX 76544. Dy: (817) 287-3715. Res: (817) 539-2945. S: Betty. Dy: CH47 Test Pilot, B Co, 2/158th Avn Regt. Rtg: SAA MTFE. Maint Crs: CH-47. Qual: CH-47D. Time: 1,300 Hrs. Grad: Mar 82.

GRATTO, Timothy C., (CW3) (M83) (Tim) 702 Eldon Street, Lynchburg, VA 24501. Dy: (813) 830-2808. S: Debbie. Dy: Army Avn Sp Element U.S. Spec Ops Com, MacDill AFB. Rtg: AA. Maint Crs: FW. Qual: AH-1S. Time: 1,600 Hrs./Cbt 21 Grad: Jun 82. AM/1.

GRAVES, Stanley H., (CW4) (M78) B Co, 6/158th Avn Regt, Box 28, APO NY 09185. Dy: 3343-886. Res: 06131-477548. S: Jean. Dy: B Co, 6-158 Avn Regt, Finthen AAF, Mainz. Rtg: MAA. IFE SIP. TP. Maint Crs: CH-47. Qual: CH-47D. Time: 9,750 Hrs./Cbt 1,200 Grad: Jun 85. AM/32.

GREENE, John C.S., (CW3) (M79) A Co, 4-229th AARH, M-4, APO NY 09140-5000. S: Gunda. Dy: 09841/83-656. Dy: A Co, 4-229 Avn. Rtg: SAA. IP. Qual: "Flying Tigers", Illesheim FRG. Rtg: HCP IP. Qual: AH-64A. Time: 2,000 Hrs. Grad: Jan 80.

GREENE, Larrywn L., (CW4) (M74) (Loren) 33 Irwin St., Ft. Rucker, AL 36362. Dy: (205) 255-7222. Res: (205) 598-6356. S: Bobbie. Dy: Longstreet Aerial Gunnery Range, OIC, Rtg: MAA. IP. Qual: AH-1S. Time: 2,800 Hrs./Cbt 552 Grad: Jun 71.

GREGORICH, Henry J., (CW2) (M85) G Co, 4th Avn Regt, Box 125, APO NY 09111. Dy: (401)490-6109. S: Brenda. Dy: Mnt TP UH-1, Bad Kreuznach FRG. Rtg: AA TP. Mnt Crs: UH-1. Time: 1,500 Hr.

GRIENSKY, Arthur J., (WO1) (M89) (Art) 3903 Pickwick Lane, Killeen, TX 76543. S: Jean A. Dy: AH HCP Pilot, AH-64, A Co, 3/227 3d AHB, Hanau FRG. Rtg: AA. Qual: AH-64A. Time: 350 Hrs. Grad: Apr 88.

GRUBB, William W., (CW3) (M82) (Rusty) Hg, & Svc Co, 78th Avn Bn, APO SF 96343-0084. Dy: 233-4581. Res: 233-6489. S: Tommy. Dy: Quality Control/Tech Supply Ofcr, Camp Zama, Japan. Rtg: SAA TP. Maint Crs: UH-60. Qual: UH-60A. Time: 1,700 Hrs. Grad: Nov 77.

GUFFY, Wayne S. Jr. (CW4) (M72) 606 S.W. 62nd St, Lawton, OK 75805-7622. Dy: (405) 351-3714. Res: (405) 536-6101. S: Karen. Dy: Avn Div, DPIM, Ft. Sill. Rtg: MAA. IP. Maint Crs: FW. Time: 7584 Hrs./Cbt 939 Grad: Mar 70. AM/35.

GULICK, Scott R., (CW2) (M87) (Rote) C Co, 2d Bn, 3d Avn Regt, APO NY 09182. Dy: 011-49-9334/87-315 S; Kathryn. Dy: Aik Hqtr Pilot. Graduate AAF, Giebelstadt FRG. Rtg: AA. Time: 850 Hrs. Grad: Nov 85.

GUNNING, Don S., (CW4) (M72) (Stan) 5807 Big Oak Drive, Indianapolis, IN 46254. Dy: (317) 240-0070. Res: (317) 293-4408. S; Barbara. Dy: Avn Div. Ft. Benjamin Harrison. Rtg: MAA TP IP SIP. Maint Crs: UH-1 AH-1 FW. Qual: AH-IS. Time: 5,200 Hrs. Grad: Oct 70.

GUTSCHE, Walter W., (CW4) (M85) 8374 Gore Road, Rome, NY 13440. Dy: (315) 330-4928. Res: (315) 339-0743. S; Janet. Rtg: MAA SIP TP. Maint Crs: UH-1 OH-47 FW. Time: 5,700 Hrs./Cdt 1,500 Grad: Mar 66. AM/45.

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HADDOCK, Jon P., (CW3) (M85) HST 2-6 Cav, Box C-121, APO NY 09140. Dy: ETS 4674-897. Res: 49 9161-3298. S; Kathryn. Dy: 150F IFE UH-60. Rtg: SAA IFE IP. Qual: UH-60A. Time: 4,300 Hrs. Grad: Feb 64.

HAFKEMEYER, Michael G., (CW3) (M81) HHC, 7th Bn, 159th Avn Regt, Box 113, APO New York 09061. Dy: ETS 421-6312. Res: 011-341860. S; Connie. Dy: Bn Stry Oclt, Nellington Barracks, FRG. Rtg: AA. Grad: Jun 85.

HALFF, Henry R., (CW4) (M59) 1030 West Beltline Road, Richardson, TX 75080. Dy: (214) 530-2936. Res: (214) 235-3752. S; Shirley. Dy: 136 Trans, Grand Prairie. Rtg: MAA. Maint Crs: CH-47. Time: 3,552 Hrs.

HALL, Robert L., (CW3) (M85) (Bob) UASSB-USSA-WSB, Box 1111, APO New York 09457. Dy: AV 337-5502. S; Penny. Dy: OH-58D SIP. UASSB, Wiesbaden. Rtg: SAA SIP. Time: 4,000 Hrs. Grad: Jun 85.

HANLEY, Mary A., (CW3) (M82) C Company, 1501st Avn., P.O. Box 36, APO San Francisco 96208. Dy: 721-5984. Res: 721-5376. Dy: UH-60 Camp Page, South Korea. Rtg: AA SIP. Qual: UH-60A. Time: 1,900 Hrs. Grad: Dec 80. 22nd VP, Morning Calm Chapter.

HANSEN, Eric C., (CW4) (M87) 1174 New Drennan, Apt. A, Fort Campbell, KY 42223. Dy: (502) 798-2042. Res: (615) 431-6915. S; Sharon. Dy: Maint Off Test Pilot, F Co, 150th SOAB, Ft. Campbell. Rtg: AA TP. Maint Crs: CH-47. Qual: CH-47D. Time: 3,000 Hrs./Cdt 250 Grad: (Jan 71). AM/10.

HANSEN, Matthew E., (CW2) (M89) (Matt) 6574 Patricia Drive, Watertown, NY 13601. Dy: (315) 772-4385. Res: (315) 782-0051. S; Linda. Dy: Pilot, A Co, 3-25th AHB. Rtg: AA IP. Maint Crs: UH-1. Time: 1,600 Hrs. Grad: Apr 84.

HANSEN, Randall S., (CW4) (M72) (Randy) HHC, 17th Avn Bde, APO SF 96301-0043. Dy: AV 723-5122. Res: AV 738-5371. S; Deborah. Dy: Bde Stdn Ofc, Yongsan, ROK. Rtg: MAA IFE SIP. Time: 4,400 Hrs. Grad: Apr 73.

HARBURCK, Robert C., (WO1) (M89) (Carl) 118 North Ave, Blue Mountain, AL 36201. Res: (205) 236-8943. S; Regina Kay. Dy: C/1-145 Avn, Dobbs AFB. Rtg: AA. Time: 200 Hrs. Grad: Dec 88.

HARDWICK, J M, Jr., (CW2) (M83) (Jim) P.O. Box 2283, 4th Brigade, 1st Ad, APO New York 09250. S; Bonnie. Dy: G Co, 4th Avn Bde, 1st Ad, FRG. Rtg: AA IP. Maint Crs: FW. Time: 2,000 Hrs. Grad: Nov 82.

HARDY, Erich R., (WO1) (M89) 1212 E. Andrews Ave, Ozark, AL 36360. Dy: (205) 255-2313. Res: (205) 774-4601. Dy: AH-64 Pilot, 2/227 Hana, FRG. Rtg: AA. Time: 245 Hrs. Grad: Apr 89.



The 1989 Who's Who in AWO Aviation

HARMON, David C., (CW4) (M74) 2054 Roxbury Lane, Clarksville, TN 37043. Dy: (502) 798-3083. Res: (615) 647-8706. S; Paulette. Dy: 7-101, Ft. Campbell. Rtg: MAA. Sst Crs: Mil. Qual: CH-47D. Time: 5,005 Hrs./Cdt 1915 Grad: Aug 68. AM/54.

HARRINGTON, Kent H., (CW3) (M82) (Harr) H Co, 4th Avn Regt, APO NY 09457. Dy: 06121/78-5575. Res: 06121/26-1360. S; Maria. Dy: H Co, 4th Avn Regt, Wiesbaden, FRG. Rtg: AA IP. Maint Crs: UH-1 UH-60. Qual: UH-60A. Time: 1,800 Hrs. Grad: Jun 80.

HARRISON, William J., (CW4) (M89) (Bill) I Co, 227 Avn, Box 008, APO NY 09165. Dy: 322-7547. Dy: OH58D Test Pilot Evaluator/Avion/Aux/Mil Ptl Ldr, Hana, FRG. Rtg: AA. Maint Crs: OH-58D AHP. Time: 3,200 Hrs./Cdt 580 Grad: Dec 69. AM/8.

HAUENSTEIN, Alan D., (CW2) (M82) 20 Kirby Street, Fort Rucker, AL 36362. Dy: (205) 255-2414. Res: (205) 598-4279. S; Denise. Dy: B Co, 1212th ATR. Rtg: SAA IP. Maint Crs: UH-1. Time: 2,600 Hrs. Grad: Apr 82.

HAWKINS, Robert J., (CW4) (M71) (Bob) 305 Odd Road, Poquoson, VA 23662-2052. Dy: (804) 727-2151. Res: (804) 868-8457. S; Carol. Dy: FNV Inst Exam Field Station Supt, Turkey. Rtg: MAA IFE SIP. Qual: AH-IS. Time: 5,700 Hrs./Cdt 1,150 Grad: Oct 69. Past Sec, Ozark Mountain Chapter.

HEATH, John F., (WOC) (M89) (Hairless) 107-D Brookview Drive, Ozark, AL 36360. Dy: (205) 255-4000. Res: (205) 774-4214. S; Sang Song. Dy: C/1-145 Avn, Ft. Rucker. Rtg: AA. Qual: AH-IS. Time: 180 Hrs. Grad: Nov 89.

HECK, Jerry A., (CW2) (M82) (Hector) Rte 2, Box 208, Daleville, AL 36322. Dy: (205) 255-2414. Res: (205) 598-2957. S; Jan. Dy: A Co, 1-145th ATR. Rtg: AA IP. Maint Crs: UH-1. Time: 2,230 Hrs. Grad: Apr 82.

HEDGECOCK, Walter D., (CW2) (M85) (Wally) S Tn, 4th Sqn/2 ACR, Box 10283, APO NY 09092-0218. S; Dawn. Dy: EH-60 IP Hawaii. Rtg: AA IP. Qual: UH-60. Time: 1,500 Hr. Grad: Oct 85.

HEDGES, John R., (CW4) (M71) (Foot) 526 Magnolia Mound Circle, Leesville, LA 71446. Dy: (318) 535-7162. S; Melissa. Dy: UH-60A Quality Control, 36 Med Det (AA), Ft. Polk. Rtg: SAA TP. Maint Crs: AMOC. Time: 1,750 Hrs/Cdt 350 Grad: Feb 72. AM/9.

HEDMAN, Wesley E., (CW2) (M89) (Wes) 4 Laporie Dr, Ft Bragg, NC 28307. Dy: (919) 396-3637. Res: (919) 436-0666. S; Nataya. Dy: UH60 Pilot/Avn Ft Safety Tech. Rtg: AA. Time: 1,355 Hrs.

HELDON, David E., (MW4) (M73) (Dave) 205 Trotman Drive, Ozark, AL 36360. Dy: (205) 255-2803. Res: (205) 774-7567. S; Betty. Dy: Instructor Master WO Course, WO Career College, Ft. Rucker. Rtg: MAA IP TP. Maint Crs: UH-1 CH-47 FW. Sep 65. DFC, AM/47. Time: 4,500 Hrs./Cdt 1980 Grad: Sep 65. 47C, AM/47. Past AAAA NEB member.

HELDON, James R., (CW3) (M78) (Jim) Headquarters Command, Flight Detachment, APO New York 09055. Dy: 326/522-7483. Res: 361-5544. S; Vicki. Dy: IFE/Opns Ofc, SACURF Ft Det, SHAPE Belgium. Rtg: SAA SIP IFE. Qual: UH-60A. Time: 3,900 Hrs. Grad: Nov 77. Past SVP, Thunderhorse Chapter.

HENRY, Ronald L., (WO1) (M86) 104-D Brookview Drive, Apt D, Ozark, AL 36360. Dy: (205)

255-4006. Res: (205) 774-7444. S; Gwendolen. Dy: D Co, 1-13th Avn Regt. Rtg: AA. Qual: CH-47D. Time: 215 Hrs. Grad: Apr 89.

HERD, Walter F., (CW4) (M87) (Walt) P.O. Box 9730, Phoenix, AZ 85068. Dy: (602) 267-2796. Res: (602) 996-0320. Dy: Co C, 135th Avn Bn. Rtg: SAA TP. Maint Crs: UH-1 AH-1 UH-60. Qual: AH-IS UH-60A. Time: 5,000 Hrs. Grad: Apr 67. 8.

HERMAN, Scott C., (WOC) (M89) (Fulium) 2004 Calusa Trail, Middleburg, FL 32068. Dy: B/1-145th Avn, Ft. Rucker. Rtg: AA. Time: 120 Hrs. Grad: Jul 89.

HERRICK, Paul A., (CW4) (M89) (Silver Hawk) 1629 Boardwalk Avenue, Florissant, MO 63031. Dy: (618) 256-3481. Res: (314) 839-3096. Dy: OSA Cmd Pilot, Scott AFB, IL. Rtg: AV/PT/TP/W. Maint Crs: MIL CV. Time: 11,000 Hrs/Cdt 930 Grad: Sep 64.

HERRING, Lilly N., (CW3) (M85) (Nap) 29 Red Fox Drive, Savannah, GA 31419. Dy: (912) 352-6358. Res: (912) 927-8690. S; Laura Lee. Dy: 129th SOAC, UH-60 Maintenance Test Pilot. Rtg: AA TP. Qual: UH-60A. Time: 2,000 Hrs.

HESTER, Claude D., (CW4) (M87) (Dian) 18906 Water Way, Dallas, TX 75252. Dy: (512) 469-5360. Res: (512) 280-4073. S; Vicki. Dy: T/P D 1/24 Cav, 49th Ad. Rtg: AA IP. Maint Crs: UH-1. Qual: AH-IS. Time: 7,500 Hrs/Cdt 975 Grad: Feb 82. DFC4 AM/30.

HICKS, Eric G., (CW2) (M88) 106 North Harris Drive, Fort Rucker, AL 36362. Dy: (205) 598-6489. Res: (205) 255-5987. S; Monette. Dy: A Co, 1-145th ATR. Rtg: AA IP. Qual: AH-IS. Time: 850 Hrs. Grad: Feb 86.

HILL, Eddie J., (CW4) (M88) (Ed) 1011 Dominion Dr, Clarksville, TN 37042. Dy: (502) 758-6548. Res: (615) 647-1164. S; Evelyn. Dy: SIP. Rtg: MAA SIP IFE. Qual: CH-47D. Time: 5,400 Hrs./Cdt 580 Grad: Feb 72. DFC, AM/8.

HILL, Robert D., (CW4) (M79) (Bob) D T/P, 2/1 Cav, 2AD (Fwd), APO NY 09355. S; Lei. Dy: Sldn Ofc, Garstadt, FRG. Rtg: MAA IFE IP. Qual: AH-IS. Time: 6,800 Hrs/Cdt 1,200 Grad: May 68.

HILLYER, John A., (WO1) (M87) 5416-B Romet Court, Fort Polk, LA 71459-3432. Dy: (318) 535-2463. Res: (318) 537-8295. S; Leslie. Dy: UH-1H Pilot, E Co, 5th Avn Regt. Rtg: AA. Time: 600 Hrs. Grad: Dec 86.

HINES, Richard A., (CW3) (M82) P.O. Box 403, Enterprise, MS 39441. Dy: (913) 239-2025. Dy: AH-64 Maint Test Pilot, Svc Co, 1-1 Avn Regt. AA TP. Maint Crs: AH-1. Qual: AH-IS AH-64. Time: 1,300 Hrs. Grad: Aug 81.

HOGAN, Gary M., (CW4) (M78) A Co, 2nd Mil Bn Box 499, APO NY 09359 S; Susan. Dy: O-1 Pilot Stuttgart. Rtg: MAA. Maint Crs: FW. Qual: AH-IS. Time: 4,100 Hr/Cdt 600 Grad: Nov 70. AM/24.

HOLYFIELD, Bill W., (WO1) (M89) 903 Romain Ct, Fayetteville, NC 28303. Dy: (919) 396-1771. S; Kimberly Ann. Dy: HHT 1/7 Cav, 82 Abn (EH-60), Ft. Bragg. Rtg: AA. Qual: EH-60. Time: 300 Hrs. Grad: Apr 88.

HOOD, James O., (WO1) (M88) (Jim) 56th Aviation Co, P.O. Box 193, APO NY 09028. Dy: ETS 0621/982-5329. Res: 06201/441-21. S; Marci. Dy: UH-1 Pilot, Coleman Bks, Germany. Rtg: AA.

HOOPER, Claude L. Jr., (CW4) (M72) 5/6 Cav, 12th Avn Bde, APO NY 09457. Dy: 337-5613. Res: 06121-701458. S; Liselotte. Dy: Cmd Avn Section Ldr, Wiesbaden Air Base. Rtg: MAA IFE IP. Qual: UH-60A. Time: 4,800 Hrs. Grad: Jun 72.

HOOPER, Craig N., (WO1) (M88) 4540 College Ave, Elliott City, MD 21043. Dy: (301) 671-2006.

Res: (301) 730-214. Df: C7-145, B Co, 224 AHF, Edgewood, MD. Rtg: AA. Time: 280 Hrs.

HORWATH, John C., (CW4) (M88) 6913 Brockwood Street, Fayetteville, NC 28314. Df: (919) 396-1944. S: Sandra. Df: Inventory Mgmt Branch Chief, 2nd Support Center, MMIC, Rtg: MAA. Time: 3,172 Hrs./Cbt 573 Grad: Jul 88. Df: DfC, AM/22. Past Secretary, Tauhus Chapter.

HOUE, Richard A., (MW4) (M81) (Dick) 410 Fabian Place, Clarksville, TN 37043. Df: (602) 798-2223. Res: (615) 645-5524. S: Suzanne. Df: Chief Flight Simulation Branch, Ft. Campbell, Rtg: MAA IFE. Qual: CH-47D. Time: 6,400 Hrs./Cbt 1,900 Grad: Aug 86. AM/32.

HOUSER, Michael R., (WO1) (M88) (Hoser) Ft Tp, 4/11 ACR, APO NY 09146. Df: A Tp, 4/11 Armored Cav, Fulda, Germany. Rtg: AA. Qual: AH-1S. Time: 500 Hrs. Grad: Apr 88.

HOWIS, Stephen J., (CW4) (M87) 1327 Grindwood Drive, Jonesboro, GA 30236. Df: (404) 362-7859. Res: (404) 477-6854. S: Vicki. Df: Hq 22, Instructor Pilot, Ft. Gillem, Rtg: AA. Qual: AH-1S. Time: 6,000 Hrs./Cbt 1,200 DfC2/ AM/44.

HOWARD, David Jon., (CW3) (M82) 5632 64th Place, Chicago, IL 60638-5534. Df: (312) 926-2200. Af: 459-2200. Df: 305th CSAC, NAS Glenview. Rtg: SAA TP. Maint: Cn: UH-1.

HUDSON, Brian E., (CW2) (M89) 117 North Harris, Fort Rucker, AL 36362. Df: (205) 255-4605. Res: (205) 598-3496. S: Julie L. Df: IF: C Co, 1-212 Avn Regt, Rtg: AA IP. Time: 3,200 Hrs. Grad: Feb 83.

HUGHES, Howell H. Jr., (CW2) (M86) (Hal) Commander Company B, 1st MI Bn, APO New York 09457. Df: ETS 337-5200. Df: B Co, 1st MI Bn, Wiesbaden FRG. Rtg: AA. Maint: Cn: UH-1A/H. Qual: AH-1S. Time: 760 Hrs. Grad: Oct 84.

HUGHES, Robert J., (CW3) (M86) (Bob) P.O. Box 1556, Tybee Island, GA 31328-1556. Df: (912) 352-5193. Res: (912) 786-7408. S: Katrina. Df: B Co, 2/159th Avn Regt, HAAF, Rtg: AA SP. Maint: Cn: CH-47. Saf: Cn: Mil. Qual: CH-47D. Time: 3,000 Hrs. Grad: Mar 88.

HUMBLE, Marvin P., (CW3) (M87) (Marv) C Co, 4th Avn Regt., APO NY 09185-2380. Df: ETS 334-3810. Res: 06131-387502. S: Sin. Df: Bde Maint Off, I Co., 4th Avn Regt, Fenthen AAF, Rtg: AA TP. Maint: Cn: UH-1. Time: 2,500 Hrs. Grad: Nov 80.

HUNTER, Donald J., (WOC) (M89) CMR 2, Box C-12355, Fort Rucker, AL 36362. Df: (205) 255-6591. Res: (904) 456-9570. Df: C-1145 Avn. Rtg: AA. Qual: AH-1S. Student Pilot.

HURTT, Kevin R., (WOC) (M88) 3873 D'Alce Dr, Orchard Lake, MI 48033. Df: (919) 579-2555. Res: (313) 626-9036. Df: Atk Hel P, C Co, 1-4 Avn, Ft. Carson, Rtg: AA. Qual: AH-1S. Time: 300 Hrs.

HUTCHINSON, Ben S., (CW2) (M87) (Hutch) HHC 3-3 Avn Regt, APO NY 09182. Df: ETS 352-7270. Res: 06334-1634. Df: Bn Avn Safety Tech, Giebelstadt AAF, FRG. Rtg: AA. Saf: Cn: Mil. Qual: AH-1S. Time: 1,000 Hrs. Grad: Jun 82.

HUTCHINSON, Charles D., (CW4) (M86) (Chuck) P.O. Box 70, Millard, KS 66514. Df: (913) 239-3479. Res: (913) 463-5373. S: Vicki. Df: E, B Co, V1 Avn Regt, Ft. Riley, Rtg: MAA IFE. Qual: AH-1S/HH-64. 4,500 Hrs./Cbt 900 Grad: Mar 70. AM/

HUTCHINSON, John R., (CW4) (M85) P.O. Box 70887, Fort Bragg, NC 28307. Df: (919) 396-2725. Df: Bn Safety Off, 2/159th Regt, Rtg: MAA TP. Saf: Cn: Mil. Qual: CH-47D. Time: 4,767 Hrs./Cbt 1,200 Grad: Jun 70. AM/13.



The 1989 Who's Who in AWO Aviation

HUTSELL, James G., (CW2) (M87) 1101 Oakwood St., Fayetteville, NC 28303. Df: (919) 396-1771. Res: (919) 867-1001. Df: Pilot, HHT 1/17 Cav Sqrn (Air) 82nd Abn Div, Fort Bragg, Rtg: AA. Qual: UH-6A.



IACCARINO, Mario., (CW2) (M88) P.O. Box 590, Rosepine, LA 70659. Df: (318) 535-6644. Res: (318) 462-5323. S: Teresa C. Df: UH-1 Maint Test Pilot, E Co, 5th Avn Regt Ft. Polk, Rtg: AA MTP MTFE, Maint Cn: UH-1. Time: 1,000 Hrs. Grad: Mar 86.

INGLEY, Stephen J., (CW2) (M89) (Charger 22) 7618 Air Cavalry Route 22, Box 960, Conroe, TX 77303. Df: (409) 539-4311. Res: (409) 539-2788. S: Janna. Df: Instructor Pilot, Rtg: AA IP. Maint: Cn: AH-1. Qual: AH-1S. Time: 1,500 Hrs. Grad: Mar 81.

IRWIN, Earle C., (CW4) (M86) 316 Northridge Drive, Clarksville, TN 37042. Df: (502) 798-5222. Res: (615) 552-1286. S: June. Df: 101st Airborne Division (Asst), Rtg: MAA S/P TP. Saf: Cn: Ck. Time: 5,900 Hrs./Cbt 900 AM/22. Past Treas, Thunderhorse Chapter.

ISAMCS, James R., (CW3) (M82) RR 3, Box 146-A, Adams Lake, Wolcottville, IN 46795. S: Denise. Df: C Co, 138th ASA, Orlando, Rtg: SAA IP TP. Mnt: Cn: FW. Time: 3,000 Hrs. Grad: Jan 82.

JACKSON, Ray E. Jr., (CW3) (M84) 1933 Claymont Dr, Clarksville, TN 37040. Df: (502) 798-9312. Res: (615) 647-1068. S: Sharon. Df: Cobra MTFE, D Co, 3/101 Avn, Ft. Campbell Kyr, Rtg: AA.

JACKSON, Ronald D., P Troop, 4/2 CR, Box 269, APO NY 09092. Df: 4614-670. Res: 09827-1682. Df: AH-1F Pilot, Feucht AAF, Giebelstadt, FRG. Qual: AH-1S. Time: 600 Hrs.

JACKSON, Thomas D., (CW2) (M88) (Tom) C Troop, 5/6 Cav, 12th Avn. Bde., APO New York 09457. Df: ETS 337-5459. Res: 06122-5192. S: Karen. Df: AH-64 Pilot/Qty Off, Wiesbaden, FRG. Rtg: AA. Qual: AH-1S AH-64A. Time: 1,000 Hrs. Grad: May 85.

JAMES, William T., (CW4) (M88) (Bill) 305 Chocotaw Drive, Enterprise, AL 36330. Df: (205) 255-4479. Res: (205) 393-3216. S: Jackie. Df: Professional DeWilmington City Ck, Ft. Rucker, Rtg: SAA. Maint: Cn: UH-1A/H-1. Saf: Cn: Mil. Qual: AH-1S. Time: 3,200 Hrs./Cbt 627 Grad: Mar 89. AM/21. Past SrVP, Mainz Chapter.

JAMES, William I., (CW4) (M89) (Bill) 1201 Bacon Ranch Road, #1013, Killeen, TX 76542. Df: (817) 288-9003. Res: (817) 526-2650. Df: Fw Pilot, Installation Flight Det. Ft. Hood, Rtg: AA. Time: 4,000 Hrs./Cbt 116 Grad: Jul 89. 4.

JENKINS, Larry W., (CW4) (M74) 505 Edinburgh Drive, Fayetteville, NC 28303-5119. Df: (919) 396-1824. Res: (919) 864-2664. S: Pamela. Df: Safety Off, Simmons AAF (Abn), Ft. Bragg, Rtg: MAA IP TP. Maint: Cn: UH-1 CH-54. Saf: Cn: Mil. Time: 3,624 Hrs./Cbt 447 Grad: Jan 71. AM/8.

JENSEN, Dale J., (WO1) (M88) P.O. Box 71243, Ft. Bragg, NC 28307-1243. Df: (919) 396-6285. Res: (919) 436-2252. Df: C Co 282d Avn. Rtg: AA.

JENSEN, Stuart C., (CW3) (M85) (Stu) 11388 Lake Ontario, El Paso, TX 79936. Df: (915) 568-

8955. Res: (915) 857-3617. S: Sabine. Df: AH-1 IP, OIA-3 ACR, Ft. Bliss, Rtg: SAA IP. Qual: AH-1S. Time: 1,500 Hrs./Cbt 16 Grad: Feb 81. AM/1.

JEPSEN, William G., (CW2) (M85) (Bill) 8315 Boyd, Omaha, NE 68134. Df: (402) 473-1480. Res: (402) 572-0138. S: Shante. Df: Medical Evaluation Pilot, 24th Med. Co (AA), Qual: AA. Time: 985 Hrs. Grad: Jul 87.

JESSEN, James C., (WO1) (M87) F Troop 5/17th Cavalry (CAP), APO SF 96224-0462. Df: Instructor Pilot, C Co, 2-2 Avn, (CAP Pattern), Rtg: AA IP. Maint: Cn: UH-1. Time: 3,300 Hrs.

JETER, Norwalki, (CW2) (M87) (K) 2503 Lake Rd, Killeen, TX 76543. Df: (817) 287-3423. Res: (817) 634-7321. S: Marcia. Df: B Co, 2-2d Avn, 21D, Camp Stanley, Korea, Rtg: AA. Qual: UH-60A. Time: 750 Hrs. Grad: Oct 85.

JOHNSON, David, (WO1) (M88) P.O. Box 376, Fort Campbell, KY 42223-0376. Df: (502) 798-2858. Res: (615) 446-0662. Df: A Co, 4 Bn, 101st Avn Regt, Rtg: AA. Qual: UH-60A. Time: 500 Hrs. Grad: Jan 88.

JOHNSON, James H., (WO1) (M89) (J.J.) G Co, 3rd Aviation Regt., APO New York 09182. S: Theresa. Df: OH-58 Pilot, G Co, 3rd Avn Regt., Task Force 23, Rtg: AA.

JOHNSON, Joseph W., (CW2) (M89) 13722 Lynhurst Dr, Woodbridge, VA 22193. Df: (703) 684-2765. Res: (703) 590-8604. S: Brenda. Df: Davison Avn Cmd, RW PAT Div, Ft. Belvoir, Rtg: AA TP. Maint: Cn: UH-60. Saf: Cn: Mil. Qual: UH-60A. Time: 1,600 Hrs./Cbt 300 Grad: Nov 82. AM/1.

JOHNSON, Michael, (CW4) (M74) (Mike) HHC, 12th Avn Bde, APO NY 09457-5200. S: Betty Ann. Df: Sdn Off, Rtg: MAA SP. Maint: Cn: UH-1. Qual: UH-60A. Time: 6,400 Hrs./Cbt 780 Grad: Jan 71. AM/30 1AMV. Past VP, Tauhus Chap.

JOHNSON, Neil W., (WO2) (M87) 205 W. Montgomery Xrds, Apt. 1202, Savannah, GA 31406. Df: (912) 352-5202. Res: (912) 825-8760. S: Su. Df: Avn Maint Tech, E Troop, 2/4 Cav, HAAF, GA. Rtg: AA. Maint: Cn: UH-60.

JOHNSON, Peter R., (CW2) (M88) 2115 Sierra Linda, Barstow, CA 92311. Df: (619) 396-3085. Res: (619) 252-1121. S: Andrea. Df: Rotary Wing Aviator, C Co, 3/159th Avn. Regt, Rtg: AA IP. Time: 1,600 Hrs. Grad: Sep 73.

JOHNSON, Shantelle, (CW2) (M86) Co C, 6/159 Avn. Bx 122, APO NY 09025. Df: 426-4714. Df: UH-60A Pilot, Schweebach Hall, FRG. Rtg: AA. Qual: UH-60A. Time: 400 Hrs. Grad: Jun 86.

JOHNSTON, Fletcher S., (CW3) (M74) (Fletch) 5340 Holmes Run Pkwy 104, Alexandria VA 22304. Df: (202) 692-4382. S: Marie. Df: Chf, Comm Ops Div, Arlington Hall, Rtg: AA. Grad: Jun 73.

JONES, David A., (CW3) (M88) 506 Linda Lane, Clarksville, TN 37042. Df: (502) 798-5911. Df: OIC AH-64 Cbt Miss Miln & AH-1 Flight Sim, Ft. Campbell, Rtg: SAA IP. Maint: Cn: AH-64 AH-1. Qual: AH-1S AH-64A. Time: 1600 Hr Grad: Aug 81

JONES, Terry L., (CW4) (M88) (T.J.) 107 Live Oak Dr, Enterprise, AL 36330. Df: (205) 255-8180. S: Sue. Df: Pkt OIHU-60 SP, USA/ANDIA, Ft. Rucker, Rtg: AA SP. Maint: Cn: UH-1H UH-60A CH-54. Qual: UH-60A/L. Time: 4,100 Hrs./Cbt 325 AM/1.

JULIEN, Justus H., (CW4) (M70) (J.J.) 4200 Sherandoah Drive, Columbus, GA 31907. Df: (404) 545-4523. Res: (404) 569-0831. S: Ceelia. Df: Quality Control Officer, DPTM Avn Lawton AAF, Rtg: AA TP. Maint: Cn: UH-1 OH-58. Saf: Cn: Mil. Time: 3,700 Hrs./Cbt 1,000 Grad: Jan 70. AM.

JUSTICE, James C., (CW3) (M87) 6839 Buckeye

Way, Columbus, GA 31904. Dy: (404) 545-2410. Res: (404) 324-6386. S. Lou. Dy: MTFE 498th Med Co. (AA). Rtg: SAA TP. Maint Crs: LH-60. Qual: LH-60A. Grad: Oct 79.

KAES, William G., (CW2) (M87) 3010 Davis Rd, #B-60, Fairbanks, AK 99709. Dy: B Trp, 49 Cav, Ft. Wainwright. Rtg: AA. Q: AH-1S. Cbt 26 AM/1

KAISER, Ross L., (CW2) (M84) 2209 Green Acres, Clarksville, TN 37042. Dy: (502) 798-7310. Res: (615) 431-6758. S. Laurie. Dy: Avn Maint Tech, HHC, 101st Abn. Rtg: AA Maint Crs: LH-60.

KALE, James R., (CW4) (M86) (Jim) PO Box 44, Dover, OK 73734. Dy: (215) 591-8500. Res: (406) 828-4330. S. Georgia. Dy: Plant Rep'r, Boeing, Philadelphia, Pa. Rtg: MAA IFE SIP TP. Maint Crs: CH-47. Qual: CH-47D. Time: 7500 Hrs./Cbt 1500 Grad: Aug 69. AM/23. Past VP, Fort Hill Chap.

KAPSA, David D., (CW2) (M86) (Dave) 3610 D Cadet Sheridan, Schofield Bn, HI 96786. Dy: (808) 656-1379. Res: (808) 624-4680. S. Melody. Dy: B Trp 5/9 Cav, 25 Div. Rtg: AA. Qual: AH-1S. Time: 500 Hrs. Grad: Jun 87.

KAUFMAN, Mark E., (WO1) (M86) 100 Dixie Drive, Apt. 32, Enterprise, AL 36330. Dy: (205) 255-2313. Rtg: (205) 347-0880. Dy: Aviator, C Trp, V1227 Avn Regt, Ft. Hood. Rtg: AA. Qual: AH-64. Grad: Feb 88.

KAYLOR, Robert S., (CW4) (M71) 207th Avn Co, APO NY 09102-3737. S. Sandra. Dy: LH-1 UH-60. Rtg: 207th Avn Co, Heidelberg, FRG. Rtg: MAA SIP. Qual: LH-60A. Time: 5300 Hrs. Grad: Mar 72.

KELLER, Gregory W., (CW3) (M87) (Slider) 19 Johnson St, Ft. Rucker, AL 36362. Dy: (205) 255-2539. S. Candy. Dy: C Co, 2229 Avn Regt, 101st Abn. Rtg: AA/SA/IFP. Time: 3000 Hr. Grad: Mar 77

KELLY, James P., (CW4) (M86) N Trpoo, 4711 ACR, APO New York 09146. Dy: 31-3524. S. Bunny. Dy: Maint Off. Rtg: MAA TP. Maint Crs: AH-1. Qual: AH-1. Time: 4000 Hrs. Grad: Mar 72.

KELLY, William M., (CW2) (M89) (Mike) 2512 Greenbriar, Killeen, TX 76543. Dy: (817) 286-1034. Res: (817) 690-6077. S. Patricia. Dy: D Trp, 17 Cav, 1st Cav Div. Rtg: AA.

KENNEDY, Stanley A., (CW3) (M78) (Stan) 586 Orman Drive, Clarksville, TN 37042. Dy: (502) 798-5870. Res: (615) 647-3135. S. Karen. Dy: OH6AH6/MH6 IP/IFM/TP/MTFE, 160th SOAG. Rtg: SAA IP IFE. Maint Crs: AH-1. Time: 2900 Hrs. Grad: Feb 77.

KERNANAN, Harold E., (CW4) (M68) (Harry) 1115 Celia Ct, Petaluma, CA 94954. Dy: (415) 382-4022. Res: (707) 763-5344. S. Petra. Dy: Avn Off, BA CART Team, Hamilton AAF. Rtg: MAA IFE IP SIP. Maint Crs: LH-1 CH-47. Grad: May 69. Past VP, Schwabach Hall Chapter.

KING, Don L., (CW4) (M82) 107 Keisha Cir, Ozark, AL 36360-8817. Res: (205) 774-7522. S. Ann Dy: B Co, MI Bn (LJ), Honoraria. Rtg: MAA IFE TP. Maint Crs: LH-1 FW AH-1. Saf Crs: MI/CV.

KING, Edgy J., (CW4) (M82) (Joe) HHC, Berlin Brigade, PSC Box 409, APO NY 09611-5361. Dy: 30/49/819-5445. Res: 30/49/826-4424. S. Robin. Dy: Avn Safety Off, Berlin Bde. Rtg: MAA SIP. Qual: AH-1S. Time: 4532 Hrs. Grad: Jan 73.

KING, Orion T., (CW4) (M82) 2107 Irwin Street, Apt. B, Fort Eustis, VA 23604. Dy: (804) 878-5738. Res: (804) 887-2927. S. Sally. Dy: Instr. Maint Mgr/Maint Test Pilot Course. Rtg: AA.

KLEMM, Richard R., (CW3) (M89) (Rick) 202 Northside Drive, Enterprise, AL 36330. Dy: (205) 255-3310. Res: (205) 347-2545. S. Judy. Dy: OH-1 Instructor Pilot, E71-212 ABT. Rtg: AA IP. Time: 5500 Hrs. Grad: Jun 89. AM/1.

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The 1989 Who's Who in AWO Aviation

KLEVEN, John R., (WOC) (M88) (Beav) 2115 Schwertner Dr., Killeen, TX 76543. Dy: (817) 287-4550. Res: (817) 699-6236. S. Laurie. Dy: Ak Hel Pilot, A Trp, 3-6 Cav. Rtg: AA. Qual: AH-64A.

KLUND, David P., (CW4) (M89) (Gramps) B Company, 5501 Aviation Battalion (AH), APO SF 96399-0420. Dy: Av 721-2134. Dy: IP. Rtg: AA IP. Maint Crs: AH-1. Qual: AH-1S. Time: 3000 Hrs./Cbt 60 Grad: Nov 85. AM/4.

KLING, Kurt F., (CW2) (M89) 7170 Woodstock Street, Colorado Springs, CO 80911. Dy: (719) 579-2753. Res: (719) 390-0799. Dy: A Trp, A Co, 1-4 Avn Regt, Ft. Carson. Rtg: AA IP. Maint Crs: OH-58. Time: 1800 Hrs. Grad: May 83.

KLOMP, Carl J., (CW4) (M89) 2103 Peacemaker Terrace, Colorado Springs, CO 80920. Res: (719) 590-9858. S. Linda. Dy: AH-1 IP/IE, D Troop, 277 Cav. Rtg: MAA IFE IP. Qual: AH-1S. Time: 3400 Hrs. Grad: Oct 73.

KNUPP, Gary L., (CW4) (M85) B Co, 1st MI Bn (AE), APO New York 09457. Dy: 06121-78-5083. Res: 06122-6233. S. Carol. Dy: Pilot, Wiesbaden AB, FRG. Rtg: AA. Qual: CH-47D. Time: 4225 Hrs./Cbt 480 Grad: Nov 85. AM/16.

KOCH, Kenneth J., (CW2) (M86) (Ken) 2018A Werner Park, Fort Campbell, KY 42223. Dy: (615) 798-2858. Res: (615) 431-4381. S. Kelly. Dy: LH-60 Pilot A Co, 4th/101st Avn. Rtg: AA. Qual: LH-60A. Time: 950 Hrs. Grad: Nov 86.

KOMULAINEN, Wesley W., (CW4) (M83) (Wes) 532 Morrison Drive, Clarksville, TN 37042. Dy: (502) 798-3578. Res: (615) 552-2762. S. Jermily. Dy: HSC 160th SOAG, Ft. Campbell. Rtg: MAA SIP. Maint Crs: LH-1 CH-54 UH60. Saf Crs: Mil. Time: 6500 Hrs./Cbt 1520 Grad: Oct 67.

KOPP, Michael A., (CW4) (M68) (Mike) A Co, 7159th Avn Regt., Box 1259, APO NY 09140. Dy: 4574782. Res: 09941-8689. S. Sherry. Dy: Prod Control, Ilesheim, FRG. Rtg: MAA IP TP. Maint Crs: LH-1. Saf Crs: Civ. Qual: LH-60A. Time: 3700 Hrs./Cbt 416 Grad: Dec 68.

KOPRIVA, Paul J., (CW4) (M82) (PJ) 106 West Silvercreek Drive, Enterprise, AL 36330. Res: (205) 347-2717. S. Nancy. Dy: Battalion Safety Officer, 12 Ak Bn (R0K). Rtg: MAA IP UH-1. Saf Crs: Mil. Qual: AH-1S. Time: 3500 Hrs./Cbt 1,298 Grad: Oct 68. AM/24. IV.

KORYCINSKI, Ricard E., (CW2) (M86) (Ski) B Troop, 56 Cavalry, APO New York 09457. S. Donna K. Dy: AH-64 Pilot, Wiesbaden, FRG. Rtg: AA. Qual: AH-64A. Grad: Jun 87.

NOSTELLIG, David A., (WOC) (M89) (Ewo) 201 Dixie Drive, Apt. 30, Enterprise, AL 36330. Dy: (205) 255-4006. Res: (205) 347-8944. S. Wilkie. Dy: C145 Avn. Rtg: AA.

KRAAY, Anthony G., (CW4) (M81) (Tony) 202 Brookshire Drive, Enterprise, AL 36330. Dy: (205) 255-3551. Res: (205) 347-7825. S. Carol. Dy: D Co, 1-4 Aviation. Rtg: MAA IFE SIP. Qual: AH-1S AH-64A. Time: 5600 Hrs./Cbt 600. 1983 Aviator of the Year.

KRANZ, William E., (CW3) (M85) (Bill) 815 Taem Road, Savannah, GA 31419. Dy: (912) 352-6719. S. Pamela. Dy: OH-58 Maint Test Pilot, C71-24 Avn. Rtg: SAA TP. Maint Crs: OH-58. Time: 1800 Hrs. Grad: Jun 81. Past VP, Stuttgart Chapter.

KRASOWSKI, Bernard G., (CW3) (M78) (Mr. Ski) HHC, 1st Bn, 1st Avn Regt, Ft. Riley, KS 66442. Dy: (913) 239-2061. Dy: LH-60 IP/IE. Rtg: SAA IP. IFE. Maint Crs: LH-60. Q: LH-60A. Time: 3800 Hr. Grad: Jun 78. Past VP, Wings of Devil.

KREGER, James R., (CW2) (M89) (Ice) HHT 4711 ACR, APO New York 09146. Dy: EH-60 Pilot, CEVH Ptn, Fulda, FRG. Rtg: AA. Qual: LH-60A. Time: 600 Hrs. Grad: Jul 87.

KRISKOINSKI, James J., (CW4) (M84) (Ski) 5243 Meadowgreen Dr, Colorado Springs, CO 80919. Dy: (719) 579-4077. Res: (719) 598-1390. S. Beverly. Dy: Chief, Offr Mgmt, Ft. Carson. Rtg: MAA. Maint Crs: UH-1 OH-58. Time: 3000 Hrs.

KUETHER, James D., (CW2) (M85) (Jim) 68-151 Au Street, Ph 9, Mokuiaia, HI 96791. S. Chun. Dy: B Co, 53 AB(A). Rtg: AA. Time: 1000 Hrs. Grad: Sep 85.

KURAZAWA, Richard N. Jr., (CW3) (M83) (K.) 2322 Tiffany Dr., Copperas Cove, TX 76522. Dy: (817) 287-8376. S. Nora A. Dy: LSUM/PO, Sinal Egypt. Rtg: AA. Time: 1500 Hrs. Grad: Aug 81.

KURTZ, Anthony., (CW2) (M86) (Tony) C Co, 2/4 Avn Regt., APO New York 09156. Dy: Ak Hcpr Pilot, Fithen AAF, FRG. Rtg: AA. Qual: AH-1S. Time: 750 Hrs. Grad: Oct 86.

KYLE, Marshall G., (CW2) (M89) (Gunner) 3544-D Way Inylingen Drive, Colorado Springs, CO 80917. Dy: (719) 579-2612. Res: (719) 550-0319. S. Tessa. Dy: AH-1 IP, B1-4 Avn. Rtg: AA IP. Maint Crs: AH-1. Qual: AH-1S. Time: 1,100 Hrs. Grad: Aug 84.

LACKMAN, Calvin., (CW2) (M82) (Dbleo) D Troop, 1-1 Cavalry, Box 235, APO NY 09250. S. Jermine. Dy: D Trp Supt/Squad Sfty, Katterbach FRG. Rtg: AA. Qual: AH-1S. Time: 1500 Hrs. Grad: Jun 82.

LAGUNA, Daniel Jr., (CW3) (M84) 11428 Drennan Park, Ft. Campbell, KY 42223. S. Deonna. Dy: 1-101. Rtg: AA. Time: 2,000 Hrs. Grad: Jul 83.

LAIBERT, John D., (CW3) (M89) (Denny) 10284 Highwood, El Paso, TX 79936. Dy: (915) 568-8241. Res: (915) 563-2084. Dy: UH-1 IP, HHT 4/3 ACR. Rtg: AA IP. Time: 3900 Hrs. Grad: Oct 76.

LAMBERT, William D., (CW4) (M83) B Co., 70th Trans. Bn, APO NY 09028. Dy: 382-5241. Res: 06233-48332. S. Carolyn. Dy: B Co, 70th Trans Quality Control Offr, Coleman Bks. Rtg: MAA IP TP. Maint Crs: UH-1. Time: 4,000 Hrs./Cbt 1,000 Grad: Oct 72. AM/12.

LANGTHORN, Thomas., (CW4) (M81) 1118 N.W. Elm, Lawton, OK 73507. Dy: (405) 351-5619. Res: (405) 246-7963. Dy: Prod Offr Off. 2R/2. 158 Avn Regt, Ft. Sill. Rtg: SAA TP. Maint Crs: CH-47. Qual: CH-47D. Time: 2,100 Hrs. Grad: Sep 75.

LAPPING, Steven A., (CW2) (M88) (Ace) 6652 Tiger Eye, El Paso, TX 79924. Dy: (915) 568-8581. Res: (915) 821-5594. Dy: D Trp, 4/3 ACR, Ft. Bliss. Rtg: AA IP. Maint Crs: OH-58. Time: 1,200 Hrs. Grad: Feb 86.

LEE, Larry., (CW4) (M88) 491 Turner Loop, Fort Campbell, KY 42223. Rtg: AA.

LEFROW, George E., (CW4) (M82) (Frenchy) 3044 Westchester Drive, Clarksville, TN 37043. Dy: (502) 798-4752. Res: (615) 398-9597. S. Carol. Dy: 160th SOAG, Ft. Campbell. Rtg: MAA IP. Qual: CH-47D. Time: 3,113 Hrs./Cbt 475 Grad: Apr 71. AM/9.

LEJEUNE, Walter R., (CW2) (M87) (Beau) 1201-A Werner Park, Fort Campbell, KY 42223. Dy: (502)

798-5917. Res: (615) 431-3493. S: Barbara. Dy: 6-101. Rtg: AA. Maint Crs: UH-60. Saf Crs: Mil Cx. Qual: UH-60A. Time: 1,100 Hr. Grad: Mar 87.

LE MAY, Leonard N., (CW4) (M89) (Lee) 213 Pecunia Ck, Killeen, TX 76542. Dy: (817) 288-3453. Res: (817) 634-5736. S: Angela. Dy: Sidon Off, Apache Ing Bde, Ft. Hood. Rtg: MAA IFE SIP IP TP. Maint Crs: UH-1A-1. Qual: AH-1S AH-64A. Time: 7,000 Hrs/Cbt 500 Grad: Mar 86. DFC1, AM17

LEWIS, David V., (CW2) (M86) (Chips) C Company, 33 Aviation Regiment, APO NY 09182. Dy: ETS 352-17271. Res: 09366-1353. Dy: AH-1F Pilot/Armament Tech, Giebelstadt, FRG. Rtg: AA. Qual: AH-1F. Time: 550 Hrs. Grad: Feb 87.

LEWIS, Ronald L., (CW3) (M83) 711 Old Mill Road, Savannah, GA 31419-2922. Dy: (912) 352-6091. Res: (912) 921-0822. S: Jo Helen. Dy: Prod Control Offr. Crs: 159th Avn Regt HAF. Rtg: AA TP. Maint Crs: AH-1. Qual: AH-1S. Time: 2,200 Hrs. Grad: Dec 75.

LIGGENSTOFFER, Buddy L., (CW4) (M80) 301 Broken Arrow, Enterprise, AL 36330. Dy: (205) 255-2402. Res: (205) 347-1904. S: Carolyn. Dy: FW Examiner. AF-1-233 (O.E.B.), Cairns AAF, Ft. Rucker. Rtg: MAA SIP IFE. Qual: UH-60A. Time: 4,500 Hrs./Cbt 314 Grad: Feb 71, AM1.

LILLY, David R., (CW3) (M86) 2127 Waterloop Place, Clarksville, TN 37043. Dy: (502) 798-2463. Res: (615) 645-6728. S: Kim. Dy: O Co 160th SOAG, Ft. Campbell. Rtg: SAA IP. Qual: UH-60A. Time: 3,250 Hrs. Grad: Jan 84.

LINDGREEN, Dale C., (CW2) (M84) 150 Hagan Street, Fort Bragg, NC 28307. Dy: (919) 306-8296. Res: (919) 867-2410. S: Patricia. Dy: Maint Test Pilot, 1 Co, 159th Avn Regt, Ft. Bragg. Rtg: AA. Time: 2,050 Hrs. Grad: Jul 84.

LINSEY, Randall R., (CW4) (M85) (Randy) HHT 4 Sqn 10th ACR, Box 118, APO NY 09146. S: Kim. Dy: AH-1 SIP, Fulda FRG. Rtg: MAA SIP. Maint Crs: AH-1. Qual: AH-1S. Time: 5,300 Hrs./Cbt 890 Grad: Nov 68. AM/38. SVP. Thunderhouse Chapter.

LINERAN, James J., (CW2) (M85) 1108 Covey Lane, No. C, Killeen, TX 76542. Dy: (817) 288-3464. Res: (817) 554-3457. S: Claudia. Dy: C Co, 3/227 AAHB, Ft. Hood. Rtg: AA. Qual: AH-64A. Time: 1,450 Hrs. Grad: Jan 84.

LITTLETON, Ron M., (CW3) (M80) 106 Edinburg Drive, Enterprise, AL 36330. Dy: (205) 255-2442. Res: (205) 347-0222. S: Terra. Dy: UH-60 Blackhawk SIP, DES, Ft. Rucker. Rtg: AA. Qual: UH-60A. Time: 2,550 Hrs. Grad: Aug 80.

LOFTICE, John E., (CW4) (M83) R Tlp, 42 ACR, Box 10135, APO NY 09092-0216. Dy: 011-49-9126-7082/4806. Res: 011-49-911-730699. S: Myr. Dy: R Tlp, 42 ACR. Rtg: MAA IFE SIP IP. Maint Crs: AH-1 FW. Qual: AH-1S. Time: 8,600 Hrs./Cbt 1950 Grad: Mar 69. DFC3, AM/42. Past VP, Redcatcher Chapter.

LONG, Michael J., (CW3) (M87) 14 Irwin Street, Fort Rucker, AL 36362. Dy: (205) 255-5729. Res: (205) 598-1634. S: Brenda. Dy: Aeroscut IP, B Co, 1/14 Avn. Rtg: SAA IP. Time: 2,100 Hrs. Grad: Jan 81. Past Secretary, Redcatcher Chapter.

LUCIUS, John E., (CW4) (M81) (Ed) B Co, 2nd Bn, 3rd Avn Regt, APO NY 09182-5000. Dy: 011-49-09334-8769. Res: 011-49-09334-1438. S: Debra. Dy: B/2d Bn, 3 Avn Regt, Giebelstadt, FRG. Rtg: MAA TP. Maint Crs: UH-1. Saf Crs: Mil. Qual: AH-1S. Time: 3,500 Hrs/Cbt 600 Grad: Aug 71.

LUNDBERG, James E., (WOC) (M89) Rural Route 4, Box 279, Ozark, AL 36360. Dy: (205) 255-6591. Dy: B Co, 1-145th Avn. Rtg: AA.

The 1989 Who's Who in AWO Aviation

LUPIEN, Bradley, (CW4) (M86) (Brad) Co A, 6th Bn 159th Regt, APO NY 09025. Dy: 4264-508/826. Res: 011-49-791-2262. S: Beth. Dy: Airfield Cdr, Schwaebisch Hal AAF. Rtg: MAA. Qual: CH-47D. Time: 4,000 Hrs./Cbt 1,100 Grad: Feb 70. DFC1/ AM21.

LUSK, Bernard R., (CW3/P) (M88) (Bernie) 321 Chickasaw Road, Enterprise, AL 36330. Dy: (205) 255-4897. Res: (205) 347-3916. S: Krysti. Dy: Sr The Officer C Co, 1-145th Avn Bn, Ft. Rucker, AL. Rtg: SAA. Time: 2,500 Hrs. Grad: Jan 77.

LYNCH, Brian E., (CW3) (M78) 2467-6 Palmer Lane, Fort Lewis, WA 98433. S: Lisa. Dy: Co B, 2/2 Avn Regt, Camp Stanley, Korea. Rtg: AA IP. SIP. Qual: UH-60A. Time: 3,100 Hrs.

LYONS, Thomas B., (CW3) (M78) (Kick) 4313 Memory Lane, Adams, TN 37010. Dy: (502) 798-7236. Res: (615) 358-3554. S: Peggy. Dy: C Co, 7-101 Avn Regt, Ft. Campbell. Rtg: SAA. Qual: CH-47D. Time: 2,600 Hrs. Grad: May 78.

MMMMMMMM

MACDONALD, Scott J., (CW2) (M86) (Mac) D Tlp 2/1 Cav, 2nd AD. (Fwd), APO NY 09355. Dy: 04795-77-6412 Res: 04292-2988. Dy: D Tlp, 2/1 Cav, 2AD (Fwd), Alk Hel Pilot, FRG. Rtg: AA. Qual: AH-1S. Time: 800 Hr. Grad: Nov 86

MAES, Albert J., (CW2) (M88) (Joey) G Co, Task Force Phoenix, Box 2705, APO New York 09250. S: Kathy. Dy: Inst Plt, OH-580, Co Stds Off, G Co, 1TF 1st Avn Regt, Katterbach, FRG. Rtg: AA IP. Time: 2,000 Hrs. Grad: Mar 84.

MAGOLAN, Gilbert P., (CW2) (M89) (Mongol) A Tlp, 516 Cavalry, 12th Avn Bde, APO NY 08457. Dy: 011-49-6121-765739 Res: 011-49-6121-562642. S: Tiffany. Dy: Apache Pilot. Rtg: AA. Qual: AH-1S AH-64A. Time: 1,000 Hrs. Grad: Jun 84.

MAGDOON, Jon E., (WO1) (M89) (Patches) D Troop, 3/7 Cavalry, APO NY 09028. Dy: 49/621-779-5341. Res: 49/621-732-963. S: Denise. Dy: Cobra Pilot, 3/7 Cav, Mannheim, Germany. Rtg: AA. Qual: AH-1S. Time: 200 Hrs. Grad: May 89.

MALONEY, Jeremiah P., (CW2) (M89) (Jerry) G Co, 4th Aviation Regt, APO NY 09111. Dy: ETS 490-7355. Res: 0671-62159. S: Suzanne M. Dy: Util Hcpr Pilot, Bad Kreuznach, FRG. Rtg: AA IP. Maint Crs: UH-1. Saf Crs: Mil. Time: 3,000 Hrs. Grad: Jan 83.

MANHART, Thomas M., (CW2) (M89) 3204 Forest Hill, Killeen, TX 76542. Dy: (817) 287-9922. Res: (817) 699-7031. S: Cindy. Dy: Pilot, C Tlp 1-6, 6 Cav Bde. Rtg: AA IP. Qual: AH-1S AH-64A.

MANLEY, James E., (CW3) (M87) (Jim) 8220 S. Lewis Ave, Apt. A, Ft. Drum, NY 13603. Dy: (315) 772-4416. Res: (315) 773-3606. S: Lynda. Dy: Ft Sidon Off, 3/25th Aslt Hel Bn. Rtg: AA. SIP. Time: 4,000 Hrs./Cbt 868 Grad: Jul 69. AM/16.

MANSFORD, Richard E., (CW2) (M82) (Rick) 24 Logan, Fort Rucker, AL 36362. Dy: (205) 255-6008. Res: (205) 598-6555. S: Lisa. Dy: A 1/4 Avn ATB, Rtg: AA IP. Qual: AH-1S. Time: 2,400 Hrs. Grad: Oct 82.

MARTIN, Jamie L., (CW2) (M87) (Jamie) 1302 Goodhue Drive, Killeen, TX 76542. Dy: (817) 287-4550. Res: (817) 526-5778. S: Carol M. Dy: A 3/6 Cav, 6th Cav Bde, Ft. Hood. Rtg: SAA TP.

Maint Crs: AH-1 OH-58 AH-64. Qual: AH-1S AH-64A. Time: 1,400 Hrs. Grad: Aug 84.

MARTIN, John E., (CW3) (M86) (Jack) B Company, 6/158th Avn Regt, APO NY 09185. Dy: 334-3735 Res: 06132-1266. Dy: CH-47D Maint TP. Maint AAF. Rtg: SAA TP. Maint Crs: CH-47 UH-1. Qual: CH-47D. Time: 2,400 Hrs. Grad: Sep 80.

MARTIN, John W., (CW2) (M89) (Kathua) 107 Banach Court, Ozark, AL 36360. Dy: (205) 255-4761. Res: (205) 774-3069. S: Janet. Dy: AH-64 IP B Co, 1-145th Avn. Rtg: SAA. Qual: AH-1S AH-64A. Time: 2,000 Hrs. Grad: Aug 80.

MARTIN, Mary L., (CW3) (M82) 3617 A Porter Loop, Wahiawa, HI 96786. Dy: (808) 556-2541. Dy: C Co, 53rd Avn Bn (Aslt), Rtg: SAA. Time: 1,300 Hrs. Past Treasurer, Mid-America Chapter.

MASKUNAS, Peter D., (CW4) (M81) (Big Mask) A Tlp, 2/6 Cav, Box D115, APO NY 09140. S: Patricia. Dy: IFE, A Tlp, 2/6 Cav Avn Bde. Rtg: MAA IFE SIP. Qual: AH-1S, AH-64A. Time: 5,800 Hrs./Cbt 1,100 Grad: May 66. AM/16. Winner, 1980 McClellan Award.

MASON, David G., (CW3) (M89) (Dave) 2811 Ridgepoint Court, Colorado Springs, CO 80918. Dy: (719) 579-2337. Res: (719) 260-7656. S: Mary. Dy: Avn Maint Tech, Ft. Co, 4th Avn, 4th Id, Ft. Carson. Rtg: MAA. Maint Crs: UH-1. Time: 2,300 Hrs./Cbt 700 Grad: Apr 66. AM/16.

MATHERNE, Peter J., (CW2) (M86) (Hot Stick) 2039-A Werner Park, Fort Campbell, KY 42223. Dy: (615) 798-2951. Res: (615) 431-4749. S: Linda. Dy: A Co, 1/101 Avn Regt, Ft. Hood. Rtg: AA. Qual: AH-1S AH-64A. Time: 1,100 Hrs. Grad: Apr 84.

MATHESON, John T., (CW3) (M84) 2306 Edgefield Drive, Killeen, TX 76542. Dy: (817) 287-4550. Res: (817) 634-0951. S: Donna. Dy: A Troop 3/6 Cav, 6 Cav Bde, Ft. Hood. Rtg: SAA IP. Time: 2,900 Hrs. Grad: May 80.

MATHEY, Brian P., (CW5) (M82) 207th Avn Co, APO NY 09102. Dy: 370-6663. S: Wendy. Dy: 207th Avn Co, Heidelberg, FRG. Rtg: SAA IFE IP. Maint Crs: FW UH-60. Qual: UH-60A. Time: 1,900 Hrs. Grad: Feb 82.

MAJ, Clay A., (CW3) (M86) R Tlp, 42 ACR, Box 10278, APO New York 09092. Dy: OH-58 Instruct Pilot. Rtg: AA IP. Time: 3,300 Hrs. Grad: Sep 79.

MAUSS, Daniel H., (CW3) (M85) 108 Barbara Drive, Enterprise, AL 36330. Dy: (205) 255-6056. Res: (205) 347-2135. S: Irene. Dy: C Co, 1/223rd Avn, Ft. Rucker. Rtg: AA IP. Qual: UH-60. Time: 2,200 Hrs. Grad: Jul 88.

MAUTER, William, (WO1) (M81) (Bill) HHC, 498th Support Bn, Box 49, APO NY 09355. S: Elaine. Dy: 2 AD (Fwd), Garlisted, FRG. Rtg: AA TP. Maint Crs: UH-1. Qual: AH-1S. Grad: Nov 61. Past VP, Lindbergh Chapter.

McBRIDE, William L., (CW4) (M78) (Bill) 385 Quincy Street, Fairfield, CT 06430. Dy: (203) 386-7295. Res: (203) 254-1329. S: Wilda. Dy: Army Prog Mgr, NPR, Sttd, Ct NP RD, Rtg: MAA TP. SIP. Maint Crs: UH-1 UH-60. Saf Crs: Mil. Qual: UH-60A. Time: 3,500 Hrs./Cbt 800 AM/23. Past Treasurer, Air Assault Chapter.

McCANN, Douglas B., (WO1) (M89) HHC, 7-159th Avn Regt., Box 271, APO New York 09061. Dy: Maint Tech, 8/7-159th Avn Regt, Nellingen EKS, Stuttgart, FRG. Rtg: AA TP. Maint Crs: UH-1. Qual: AH-1S. Time: 3,050 Hrs. Grad: Jun 80.

McCarthy, James D., (CW3) (M87) (JD) 40 East Harris, Fort Rucker, AL 36362. Dy: (205) 255-2042. Res: (205) 598-3662. S: Teri. Dy: ATB SMO, Hq ATB, Rtg: SAA IP. Time: 2,000 Hrs. Grad: Aug 78. Past VP, Army Avn Center Chap.

MCCORMACK, Dennis X., (MW4) (M88) (Mack) HHC, 4th Brigade, 3rd Infantry Division, APO NY 09182. S: Jane Margot. Dy: Cobra IFE. Giebelstadt FRG. Rtg: MAA IFE SIP. Qual: AH-1S. Time: 5,250 Hrs./Cdt 1,317 Grad: May 67. AM/33.

MCDANIEL, Gene V., (CW2) (M86) 145 W. Concord Dr., Apt. E, Clarksville, TN 37042. Dy: (502) 798-4444. S: Karen. Dy: B Co/5-101 Avn Bn, Ft. Campbell, Rg. AA. Time: 600 Hrs. Grad: Dec 86.

MCDONALD, Dwight A., (CW2) (M86) USA Mil. Bn, C Company, Orlando, FL 32813 S: Yung. Dy: USA Mil. B Co, C Co, Rg. SAA. Saf Crs: Mil. Qual: UH-60A EH-60. Time: 1,600 Hrs. Grad: Jun 82. Past VP, Thunderhorse Chapter.

MCWEEN, David S., (CW2) (M85) (Mack) 2961 Talon Court, Virginia Beach, VA 23456. Dy: (804) 222-4580. Res: (804) 427-0268. S: Pamela S. Dy: HHC, 126th Eng Gr (Cst), VA ARNG. Rtg: AA TP. Maint Crs: UH-1. Saf Crs: Civ Time: 750 Hrs. Grad: Aug 85.

MCGEE, Clifford L., (CW4) (M70) (Cliff) 2054-A Werner Park, Fort Campbell, KY 42223-1104. Dy: (502) 798-5671. Res: (615) 431-6661. S: Gene. Dy: 160th SDBG. Rtg: MAA IFE IP. Qual: UH-60A. Time: 5,738 Hrs./Cdt 385 Grad: Mar 70. AM/13.

MCLAMERY, Lawrence M., (CW4) (M68) (Larry) 1701 Adler St. S.E., Lacey, WA 98503. Dy: (206) 967-6161. Res: (206) 459-4259. S: Nancy. Dy: HHT, 9th Cav Bde (Air Aft), Ft. Lewis, Rg. MAA IP. Saf Crs: Mil Civ. Qual: UH-60A. Time: 4,200 Hrs./Cdt 991 Grad: Jun 69. DFC2, AM/33.

MCDONNE, James R., (WO1) (M89) B Co, 4th Battalion, 501st Aviation Regt., APO San Francisco 96208. S: Erin. Dy: B Co, 4/501st Avn, Camp Page, Korea. Rtg: AA. Qual: AH-1F.

MCGRATH, Michael P., (CW4) (M86) (Mack) A Company, 3-3 Aviation, APO New York 09182. S: Pamela. Dy: R/W Inset Pilot 4th Bde, 3rd, Giebelstadt AAF. Rtg: MAA SIP. Maint Crs: AH-1. Qual: AH-1S. Time: 2,700 Hrs. Grad: Sep 73.

MQUIRE, Randall J., (CW3) (M86) (Randy) 1650 George Dieter, Apt. 1411, El Paso, TX 79936. Dy: (915) 568-8232. Res: (915) 855-0323. S: Melanie. Dy: Instrument Fit Examiner, 152GF, Ft. Rip 43 ACR, Ft. Bliss. Rtg: MAA IFE. Qual: AH-1S. Time: 3,850 Hrs. Grad: Mar 74.

MCGURU, Frank M., (CW3) (M82) 218 Yellowtail Drive, Enterprise, AL 36330. S: Helina. Dy: RW SIP/IFE FSD, Utility Branch, DES, Ft. Rucker. Rtg: SAA IFE SIP. Time: 3,800 Hrs. Grad: Mar 78.

MCINTYRE, Edward J., (CW2) (M86) C Co, 6/159 Avn Regt, Box 165, APO NY 09025. Dy: 0049/7971-45810. Res: 0049/7973-5931. Dy: UH-60 Pilot, Schwaebisch Hall, FRG. Rtg: AA. Maint Crs: UH-60 FW. Qual: UH-60A OH-58. Grad: Jun 87.

MCKEOWN, Andrew P., (CW2) (M88) (Droid) 707 Ackwood Road, Fayetteville, NC 28314. Dy: (919) 396-8008. Res: (919) 864-7846. S: Jessie. Dy: Instr Pilot/CH580, 4/17 Cav, 18th Avn Bde. Rtg: SAA IP. Time: 1,800 Hrs.

MCKISSACK, Thomas M., (CW4) (M83) (Tom) Co C, 6th Battalion, 159th Aviation, Box 146, APO New York 09025. Dy: HHC, 11th Avn Bde. Rtg: MAA SIP. Qual: UH-60A. Time: 5,000 Hrs./Cdt 750 Grad: Dec 70. AM/25. Past Treas, Schwaebisch Hall Chapter.

MCMILLAN, Cornelius, (CW4) (M71) (Mac) 223 Norwich Drive, Hurst, TX 76054. Dy: (817) 280-7580. Res: (817) 565-4637. S: Betty. Dy: Acceptance Test, AFPPRO Bell Hqzr, Ft. Worth. Rtg: MAA IP TP. Maint Crs: AH-1. Qual: AH-1S. Time: 7,380 Hrs./Cdt 866 Grad: Sep 69. DFC AM41 V. Past VP, Hanau Chapter.

M The 1989 Who's Who in AWO Aviation

MCNICHOLS, Robert E., (CW2) (M87) (Bob) 4759th Aviation Regiment, Box 172, APO NY 09359. Dy: 4214-143. Res: 0711/653-328. S: Cheryl. Dy: Quality Control Officer. Rtg: AA.

MCNIFF, Owen A., (CW2)(M83)(Omar) 108 Wooddale Dr, Enterprise, AL 36330. Dy: (205) 255-2414. Res: (205) 390-6188. S: Jeong. Dy: Night Vision Google IP, B/1-212th ATB, Ft. Rucker. Rtg: AA IP. Maint Crs: UH-1. Time: 2,700 Hr. Grad: Mar 83

MCNULTY, Thomas M., (CW2) (M86) (The Agitator) 346 Harold Drive, Clarksville, TN 37043. Dy: (502) 748-6490. Res: (615) 467-0754. Dy: AH-64 Apache Pilot/Armament Officer. 1-101. Rtg: AA. Qual: AH-1S AH-64A. Time: 1,200 Hrs.

MCPHERSON, Kevin W., (CW2) (M89) B Co, 2D MI Bn (AE), Box 279, APO NY 09359. Dy: E15 421-4225. Res: 0711/342-141. S: Nina. Dy: B Co, 2D MI Bn (AE), Echterdingen AAF, FRG. Rtg: AA IP. Maint Crs: FW. Time: 1,600 Hrs. Grad: Feb 84.

MCWATERS, John D., (CW4) (M72) (Muck) HHT, 3/4 Cavalry Box 33, APO NY 09702. Dy: 49/9721-96647. Res: 49/9726-1583. S: Melanie. Dy: Stm Off, Schweinfurt, FRG. Rtg: MAA IFE SIP. Qual: AH-1S. Time: 5,380 Hrs/Cdt 624 Grad: Nov 70 AM/15

MCWATERS, Tony H., (CW3) (M87) (H20) 540 Colson Drive, Savannah, GA 31405. S: Denise. Dy: IP/Troop Standards, Hunter AAF, Rg. AA IP. Qual: AH-1S. Time: 2,100 Hrs. Grad: Jul 81.

MEANY, Donald, (CW2) (M88) (Don) 202 Whispering Pines, Enterprise, AL 36330. Dy: (205) 225-4212. Res: (205) 393-1020. S: Birgit. Dy: Co A, 1-121th, Instructor Pilot, Ft. Rucker. Rtg: SAA IP. Time: 2,500 Hrs. Grad: Mar 82.

MELLEGAARD, Marilyn R., (CW4) (M73) (Mell) HHS, 1st MI Bn, APO NY 09457. Dy: 337-5213. S: Shelly. Dy: WGA 1000. Rtg: MAA SIP IP. Maint Crs: UH-1 CH-47. Qual: CH-47D. Time: 5,500 Hrs./Cdt 700 Grad: Oct 68. AM/32.

MERCADO, David, (WOC) (M89) (Merc) 87 Blackwell Street, Fort Rucker, AL 36362. Dy: (205) 255-6591. Res: (205) 598-6565. S: Tina. Dy: B Co, 1-145th Avn Regt, Rtg: AA SIP. Maint Crs: UH-1 FW. Saf Crs: Civ Mil. Qual: UH-60A.

MERRILL, Fred M. II, (CW3) (M83) (Ted) B Co, 2/501st Avn Regt, Box 8, APO SF 96271-0148. S: Susie. Dy: CH-47 Pilot, Camp Humphreys, Korea. Rtg: AA IP. Maint Crs: UH-1.

MERRILL, Gary A., (CW4) (M82) 5th Avn Det, APO NY 09145. S: Cathy. Dy: IP/IFE, Maastricht, Netherlands. Rtg: AA IFE. Maint Crs: UH-1H. Time: 3,100 Hrs. Grad: Jun 75.

MESSINGER, James N., (CW4) (M76) (Jim) 9110 Oak Hills Drive, Temple, TX 76702. Dy: (817) 287-3242. Res: (817) 780-1025. S: Iola. Dy: IFE, 24D, Ft. Hood. Rtg: MAA IP IFE. Maint Crs: CH-54. Time: 6,000 Hrs./Cdt 1,459 Grad: Apr 67. DFC1, AM/29. Past Sec, Fort Sill Chapter.

MEYER, Andrew B., (CW3) (M89) (Andy) 121 E. Luzon Dr, Ft. Bragg, NC 28307-1811. Dy: (919) 396-4343. Res: (919) 497-8628. S: Nancy. Dy: Maint TP, C Co, 1/82d Avn Bde. Rtg: SAA TP. Maint Crs: UH-1. Time: 2,100 Hrs. Grad: Mar 87.

MEYER, Mark A., (WOC)(M89)(Tazz) 105 Lightfoot Drive, Enterprise, AL 36330. Dy: (205) 255-4006. Res: (205) 393-6390. S: Melissa. Dy: D/1-145 Avn Ft. Rucker. Rtg: AA. Time: 200 Hr. Grad: Aug 89.

MILLER, James W. Jr., (CW3) (M87) (Jim) P.O. Box 643, Fort Campbell, KY 42223-0643. Res: (615) 648-9238. S: Sherry. Dy: AH-64 IP/IFE, C Co, 1st Bn, 101st Avn Regt. Rtg: AA IP IFE. Saf Crs: Mil. Qual: AH-1S AH-64A. Time: 1,615 Hrs. Grad: May 83.

MILLER, Scott C., (WOC) (M89) (Scotty) 4313 Atlantic Avenue, Fayetteville, NC 28306. Dy: (919) 396-7776. Res: (919) 423-2532. S: Linda. Dy: B Co, 2/82 Avn, Ft. Bragg. Rtg: AA. Maint Crs: UH-60. Qual: UH-60A. Time: 202 Hr. Grad: Apr 89

MING, Robert C., (CW2) (M86) (Mingo) 120 W. Walnut, Junction City, KS 66441. Dy: (913) 239-3226. Res: (913) 238-7473. S: Sigrid. Dy: UH-60 Pilot, E Co, 1st Avn Regt, Ft. Riley. Rtg: AA. Qual: UH-60A. Time: 1,600 Hrs.

MITCHELL, James D., (WO1) (M89) (Laser Head) 25 Gateside Court, Daleville, AL 36322. Dy: (205) 255-2313. Res: (205) 598-5030. S: Rita. Dy: D Co, 1-13th Avn, Ft. Rucker. Rtg: AA. Qual: CH-47D. Grad: Mar 89.

MITTELEBEELER, Mike E., (CW2) (M89) (BeefJuice) 5610 Birdcove Drive, Killeen, TX 76543. Dy: (817) 287-4550. Res: (817) 690-2938. Dy: AH-64 Pilot, A Twp, 3/6 Cav, Ft. Hood. Rtg: AA. Maint Crs: AH-64. Qual: AH-1S AH-64A. Time: 1,010 Hrs. Grad: Nov 84.

MIYAGAWA, Kenichi, (CW4) (M84) (Ken) P.O. Box 3393, Milliam, HI 96789. Dy: (808) 656-1201. Res: (808) 624-5854. S: Yuko. Dy: H Co, 25th Avn Regt, Schofield Bks. Rtg: MAA TP. Maint Crs: AH-1 UH-1. Saf Crs: Mil. Qual: AH-1S. Time: 4,500 Hrs. Grad: 1,015 Grad: May 70 AM/2 V.

MOHR, Brian L., (CW4) (M86) (Ho) USAF AF-CENT, Box 308, APO NY 09011. Dy: 003143-642402. Res: 0031445-250042. S: Junga. Dy: Ft Safety Tech, Maastricht ACP, Netherlands. Rtg: MAA. Time: 3,000 Hrs./Cdt 436 AM/17.

MOLTENBERRY, John S., (CW3) (M83) 486 Ashton Green Blvd., Newport News, VA 23602. Dy: (804) 878-3721. Res: (804) 867-3915. S: Teresa. Dy: OH-580 MTF Instructor, Ft. Eustis. Rtg: SAA IP MTFE. Maint Crs: OH-58A/C/D. Time: 6,800 Hrs. Grad: Mar 79.

MONAHAN, Jeel P., (CW4) (M77) (Pat) 417-B Russell Loop, Fort Belvoir, VA 22080. Res: (703) 781-1812. S: Terry. Dy: USA DAC, Ft. Belvoir. Rtg: MAA IFE IP. Qual: UH-60A. Time: 3,900 Hrs./Cdt 771 Grad: Jan 69. AM/19.

MONETTE, Robert J., (CW4) (M81) (Buffalo) 16 Magnolia Drive, Daleville, AL 36322. Dy: (205) 255-3551. S: Judy. Dy: AH-64 SR IP, D/1-14 Avn, 1988 Army Avn Trainer of the Year. Rtg: MAA SIP. Qual: AH-1S AH-64. Time: 6,000 Hrs./Cdt 1,400 Grad: Sep 69. DFC, AM/57.

MONROE, Michael R., (CW2) (M83) (MadMike) B Twp, 2-6 Cav, Box D-86, APO NY 09440. S: G Marcia. Dy: B Twp 2-6 Cav, AH-64 Apache Pilot, Blesheim, FRG. Rtg: AA TP. Qual: AH-1S AH-64A. Time: 1,200 Hrs. Grad: Apr 85.

MONTGOMERY, Thomas L., (CW2) (M87) (Monty) 121 Piercefield Dr, Richmond, GA 31324. Dy: (912) 352-6203. Res: (912) 756-2411. S: Coanna. Dy: Co A, 3/24th Avn, Rtg: AA. Qual: OH-580. Time: 1,298 Hrs. Grad: Nov 85.

MONTUJO, Guy D., (CW4) (M75) 102 Frier Drive, Clarksville, TN 37042. Dy: AV 635-2573. Res: (615) 552-4628. S: Barbara. Dy: Division ALSE, Ft. Campbell. Rtg: MAA, Saf Crs: Mil Civ. Qual: UH-60A. Time: 4,600 Hrs. Grad: Mar 74. Past VP, Wings Of The Mame Chapter.

MOORE, Danny F., (CW3) (M83) (Dirty) 336 Harold Drive, Clarksville, TN 37040. Dy: (502)

799-6704. Res: (615) 645-5907. S: Karen. Dy: Avn Safety Off, Ft. Campbell. Rtg: SAA. Saf Csr: Mil Cx. Qual: UH-60A. Time: 2,000 Hrs. Grad: Feb 77.

MORAN, Homer L., (CW3) (M74) (Larry) I Co, 227th Avn, Box 004, APO NY 09165-1624. S: Bonnie. Dy: Aviation Maintenance Tech, RDA, Fleighthorst Kaserne, FRG. Rtg: AA. Maint Csr: UH-1 CH-47 AH-1 UH-60 FW.

MORRISSEY, Mark A., (CW2) (M87) PSC 5494, APO MI 34001. Dy: 284-3362. Res: 287-5634. Dy: UH-1 Pilot. Rtg: AA. Time: 1,500 Hr. Grad: Mar 83

MOSS, Stephen C., (CW4) (M89) (Steve) 2016A Werner Park, Fort Campbell, KY 42223. Dy: (502) 798-5124. Res: (615) 431-6877. S: Nancee. Dy: Asst. S-3 101st Avn Bde, 101 Avn Div. Rtg: MAJ. IFE SIP MTP. Maint Csr: AH-1. Qual: AH-1S AH-6A. Time: 4,000 Hrs. Cdt 1,070 Grad: Oct 68. DFC2; AM/35. VP, Air Assault Chapter.

MOTT, Dean A., (WOC) (M89) (Slinkbom) CMR 2, Box 1209, Fort Rucker, AL 36362. Dy: (205) 255-6591. Dy: B Co, 1-145th Avn. Rtg: AA SIP. Time: 80 Hrs. Grad: Dec 89.

MULL, Eddie D., (CW3) (M88) (Fast Eddie) 2083-B Werner Park, Fort Campbell, KY 42223. Res: (615) 431-4007. S: Cathy. Dy: D Co, TF 160th. Rtg: AA IP. Maint Csr: UH-60. Qual: UH-60A. Time: 2,400 Hr/Cdt 46 Grad: May 87. AM/1.

MULL, Lawrence A. Jr., (CW2) (M84) (Larry) 236 Tunisia Road, Fort Ord, CA 93941. Dy: (408) 242-6994. Res: (408) 899-1326. S: Yungi. Dy: E/123 Avn Regt, Ft. Ord, Avn Maint Tech. Rtg: AA. Maint Csr: UH-60. Time: 2,100 Hrs. Grad: Aug 86.

MULLENS, Ralph E., (CW4) (M81) 2099 Birchcroft Drive, Fayetteville, NC 28304. Dy: (919) 396-3289. S: Annelies. Dy: Mnt TP, OC OIC, I Co, 159 Avn Regt, Ft. Bragg. Rtg: MAJ TP. Maint Csr: AH-1 UH-60 AH-64. Qual: AH-1S UH-60A. Time: 2,400 Hrs/Cdt 400 Grad: Sep 68. AM.

MUSSER, John R., (WOC) (M89) 39 Epps St. Dy: Rucker, AL 36362. Dy: (205) 255-4006. S: Susan. Dy: C Co, 1-145th Avn. Rtg: AA. Maint Csr: AH-1.

MUZZO, David S., (WO1) (M86) 1050 Minnowhau, Apt. 107, Clovis, CA 93612. Dy: (209) 454-5340. Res: (809) 289-2830. Dy: C, 1/140. Rtg: AA. Time: 1,030 Hrs.

MYERS, Joe N., (CW3/P1) (M77) 1479 Werner Park, No. B, Fort Campbell, KY 42223-1143. Dy: (693) 798-2233. Res: (502) 431-5167. S: Carrie. Dy: D Co, 4/101 Avn Regt (Bn MTFF). Rtg: SAA TP. Maint Csr: UH-1 UH-60. Qual: UH-60. Time: 2,700 Hrs. Grad: Oct 76. AM/1.

NNNNNNNNNNNN

NAGEL, Dennis A., (CW3) (M82) (Denny) 111 Rogers Court, Ozark, AL 36360. Dy: (205) 255-3223. Res: (205) 774-8213. S: Sally. Dy: N/NG IP, E Co, 114th Avn, Ft. Rucker. Rtg: SAA IP. Time: 1,800 Hrs. Grad: Jan 82.

NAUER, Christopher Jr., (CW4) (M83) 440 21st Street, Fort Belvoir, WY 22603. Dy: (301) 981-7887. Res: (703) 799-9203. S: Sally. Dy: USAPAT C-20 Det, Andrews AFB, MD. Rtg: MAJ IP. Time: 6,200 Hrs. Grad: Mar 72.

NELSON, Peter A., (WO1) (M88) (Peter) A Company, 51759 Avn, Box 217, APO New York 09025. Dy: Aviator, Dolan Bks, FRG. Rtg: AA. Qual: CH-47D. Time: 350 Hrs. Grad: Apr 88.

NEWSOM, Larry W., (CW4) (M86) PSC Box 2211, APO NY 09063 Dy: 378/8084 Res: 06221/383564 S: Carol. Dy: Flight Stry Tech, USAREUR, Heidelberg, FRG. Rtg: MAJ. Saf Csr: Mil. Qual: UH-60A. Time: 2,915 Hr/Cdt 781 Grad: Dec 69. AM/2

M The 1989 Who's Who in AWO Aviation

NIEDZWIEDZKO, John D., (WO1) (M89) 6260 SW 6th St, Margate, FL 33068. Dy: (305) 665-7080. Res: (305) 973-3258. Dy: 347 Med Detach. Rtg: AA. Qual: UH-60. Time: 160 Hrs. Grad: May 89.

NIVER, Larry A., (CW3) (M83) (Bob) 115 W. Silver Oak Dr, Enterprise, AL 36330. Dy: (205) 255-3408. Res: (205) 393-4604. S: Bonnie. Dy: Asst. TRADOC Project Ofcr/Apache, Ft. Rucker. Rtg: AA IP. Qual: AH-1S AH-64A. Time: 2,800 Hrs.

NOBES, Stephen C., (CW2) (M87) (Steve) 30 Northwood Circle, Rome, NY 13440. Dy: (315) 330-4737. Res: (315) 337-1087. S: Lorraine. Dy: B Co, 3/25th AHB, 10th Mountain Division (LI), Griffis AFB. Rtg: AA IP. Maint Csr: UH-1. Time: 1,500 Hrs. Grad: Nov 82.

NOBLES, John C., (CW4) (M85) (J.C.) 6736-6 Willowbrook Dr, Fayetteville, NC 28314. Dy: (919) 966-1820. Res: (919) 864-8643. Dy: 1/17 Cavalry Instrument Flight Examiner, Ft. Bragg. Rtg: MAJ. IFE. Time: 4,200 Hrs./Cdt 610 DFC/1, AM/21.

NOBLITT, Day E., (WO1) (M86) 17828-63 Pl. S.E., Renton, WA 98058. Dy: (206) 255-0931. Res: (206) 226-1077. S: Jan L. Dy: Ft. Orl, Pine Field, Everett, WA. Rtg: AA. Maint Csr: UH-1 CH-47. Time: 500 Hrs. Grad: May 89.

NOCCERA, Francesca, (WOC) (M89) (Cisno) CMC 2, Box B-12716, Ft. Rucker, AL 36362. Dy: (205) 255-6591. Rtg: AA. Mnt Csr: UH-1. Grad: Feb 90.

NORRI, Jukka, (CW3) (M82) (Prince of Finland) B Co, 8/158 Aviation Battalion, APO NY 09165. Dy: 322-7534. Res: 06181-81700. S: Elna. Dy: Qual Cntrl Ofcr, Hanau. Rtg: SAA TP. Maint Csr: UH-60. Qual: UH-60A. Time: 2,800 Hrs. AM.

NORTON, Thomas J., (WO1) (M88) (T.J.) B Avn, 5-501st Avn, APO SF 96397-0420. Dy: W/ 721-2314. Dy: AH-1F Pilot, Camp Eagle, ROK. Rtg: AA. Qual: AH-1S. Time: 240 Hrs. Grad: Apr 88.

NOVSELE, Mich. J. Jr., (CW4) (M78) (Mike) HRC, 12th Avn Bde, APO NY 09457. Dy: 337-5216. Res: 06121-711128. S: Margaret. Dy: 8th Stry Ofcr, Wiesbaden FRG. Rtg: MAJ IP. Saf Csr: Mil. Time: 4,300 Hrs/Cdt 1,050 Grad: Dec 83.

NUTT, Michael T., (WO1) (M88) (Nuttster) 7441 Laurie Drive, Fort Worth, TX 76110. S: Debbie. Dy: 2nd Inf Div, Korea. Rtg: AA. Qual: AH-1S. Time: 250 Hrs. Grad: Jun 89.

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O'BANNON, Gareth A., (CW2) (M83) (OB) 1210 Wynoochee Place, NE, Olympia, WA 98506. Dy: (206) 867-5362. Res: (206) 459-7295. S: Flora. Dy: HHT, 1/9 Cav, Ft. Lewis. Qual: OH-58 A/C/D. Rtg: AA IP. Time: 2,100 Hrs. Grad: Jul 83.

O'BRIEN, William, (CW3) (M83) 4th Sqn, 11th ACR, APO NY 09146. S: Sam. Dy: 4th Sqn/11th ACR, Fulda, FRG. Rtg: SAA SIP. Time: 3,000 Hrs.

O'DONNELL, Kirk A., (CW2) (M88) 3411-B Kennel Loop, Schofield Bks, HI 96786. Dy: (808) 565-2561. Res: (808) 456-3898. S: Deborah. Dy: CH-60 Pilot, C Co, 53d Avn Bn, Wheeler AFB. Rtg: AA. Qual: UH-60A. Time: 920 Hrs. Grad: Aug 86.

O'HALLORAN, Peter W., (CW3) (M87) (Pete) HCC 2d Bn, 3rd Avn Regt, APO NY 09182. Dy: 352-7332. S: Maureen. Dy: OH-58 Instr Pilot, Gielbstadt AAF. Rtg: SAA IP. Maint Csr: OH-58 UH-1. Time: 3,600 Hr/Cdt 57 Grad: Feb 80. AM/1.

OLDROYD, William C., (CW4) (M81) (Curt) 8051 Oak Hollow Lane, Fairfax Station, VA 22039. Dy: (202) 325-5225. S: Deborah. Dy: AH-1 Career Mgr, W/O Div, US PERSCOM. Rtg: MAJ SIP. Qual: AH-1S. Time: 4,000 Hr/Cdt 600 Grad: Jan 71

OLMER, Stuart A., (WO1) (M89) (Archer) 6107 Neilwood Drive, Rockville, MD 20852. Res: (301) 861-0561. S: Phyll. Dy: C Co, 7/101 Avn, Ft. Campbell. Rtg: AA. Qual: CH-47D. Time: 350 Hrs. Grad: Mar 89.

OLSEN, Richard S., (WOC) (M89) (Pick) 18 Michael St., Fort Rucker, AL 36362. Dy: (205) 255-6591. Res: (205) 598-6151. S: Ana M. Dy: C Co, 1-145 Avn. Rtg: AA. Time: 75 Hrs. Grad: Dec 89.

OLSON, Lynn M., (CW4) (M77) 207th Avn Co, Box 106, APO NY 09102-3737. Dy: 370-8980. Res: 062/245-2921. S: Karen. Dy: 207th Avn Co, Heidelberg, FRG. Rtg: SAA IFE IP. Time: 8,500 Hrs./Cdt 753 Grad: Mar 71. AM/13.

ORR, Ronald Jr., (WO1) (M89) 1801 Rimrock Road, Apt. B-23, Barstow, CA 92311. Dy: (619) 386-3086. Res: (619) 252-4794. S: Melissa. Dy: C Co, 3/159th Avn Regt, Ft. Irwin. Rtg: AA. Maint Csr: UH-1. Time: 250 Hrs. Grad: May 89.

OSBORNE, Daniel E., (CW4) (M78) (Dan) 3524 Sugar Cane Circle, Fayetteville, NC 28303-4638. Dy: (919) 432-9223. Res: (919) 667-2895. S: Mary Anne. Dy: AH-64 GrayKerrd OTC Co, 1-82 Avn Bn. Maint. Csr: AH-64. Rtg: AA TP. Qual: AH-1S AH-64A. Time: 3,500 Hrs. Grad: Oct 72.

OSHIEN, Jay D., (CW3) (M89) P/O Box 163, Fort Rucker, AL 36362. Dy: (205) 255-4212. Res: (205) 347-3200. Dy: UH-1 IP, A Co, 1-212th Avn. Rtg: SAA SIP. Time: 1,325 Hrs. Grad: Apr 81.

OSTBERG, Gary L., (CW4) (M83) (Mustang) 1193 New Drennan Park, Fort Campbell, KY 42223. Dy: (502) 798-2349. Res: (615) 431-5509. S: Debora. Dy: D CO 160th SdG. Rtg: SAA IFE SIP. Qual: UH-60A. Time: 3,600 Hrs. Grad: Oct 73

OSTBLOOM, Mark A., (WO1) (M88) 4/9 Recon Squadron, Fort Worth, AK 99703. Dy: (907) 353-6064. S: Michelle S. Dy: Atk Hel Pilot, 4/9 Recon Sdgn. Rtg: AA. Qual: AH-1S. Grad: Aug 89

OSTERLUUD, Richard B., (CW3) (M89) (Rick) 102 Woodlawn Dr, Rte 2, Enterprise, AL 36330. Dy: (205) 255-5858. Res: (205) 347-5431. S: Susan. Dy: HHC, ATB, Rtg: AA SIP. Maint Csr: UH-1. Time: 5,000 Hrs.

OVERHAUG, Steven A., (CW3) (M88) (Steve) 144 Bethany Drive, Manhattan, NS 66502. Res: (913) 377-1085. S: Patti. Dy: D Co, 1/1 Regt, Ft. Rucker. Rtg: AA IP IFE. Time: 3,600 Hrs. Grad: Jan 77.

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PARDUE, James R., (CW2) (M82) (Randy) 233 Forest Ridge Drive, Saanahua, GA 31419. S: Judy. Dy: C Co 24th Atk Hel Bn, HAAF. Rtg: SAA IP. Time: 1,500 Hrs. Grad: Apr 82.

PARKER, Michael K., (CW2) (M84) A Co, 1/501st Aviation, Box 556, APO SF 96301-0011. Dy: 4/1-6577. Res: AV 728-2400. S: Kay. Dy: Cinchawk Communications Ofcr, K-16, ROK. Rtg: AA.

PASCALAR, Michael C., (CW3) (M86) 56th Avn Co, Box 169, APO NY 09028. Dy: 382-4178. Res: 43/06241-23962. S: Susan. Dy: C1/121st Pilot, Coleman Barracks, Sandhoffer, FRG. Rtg: AA IP. Maint Csr: WF. Saf Csr: Mil. Time: 4,000 Hr. Qual: C-12. Grad: Apr 81. AM/1.

PAZE, Wm. X. III, (CW3) (M87) HHT, 4th Sdgn, 11th ACR, APO NY 09146. S: Connie. Dy: OH58 1st Sdgn/11th ACR. Rtg: AA SIP. Time: 4,500 Hrs. Grad: Aug 76. Treas, Thunderhorse Chap.

PATRICK, Jay F., (CW2) (M87) POB 661, Ft Rucker, AL 36362-0661. Dy: (205) 255-8056. Res: (205) 598-4511. Dy: P. Co C-123. Avn. Regt: SAA. IP. Qual: LH-60A. Time: 1,500 Hrs. Grad: Sep 80.

PATTON, Brian S., (MOC) (M89) (Thumper) 74 Dunn Drive, Fort Rucker, AL 36362. Dy: (205) 255-6591. Res: (205) 598-1587. S. Tina. Dy: B1-145th Avn. Rtg. AA. Time: 79 Hrs. Grad: Feb 90.

PECKHAM, Stephen W., (CW3) (M86) (Steve) 5808-2 Lockridge Loop, Ft Hood, TX 76544. Dy: (817) 287-6457. Res: (817) 539-2159. Dy: Actt Maint Dept, Apache Mountain Fielding Team. Rtg: SAA TP. Maint Ctr: AH-1. Qual: AH-64A. Time: 1,350 Hrs. Grad: Sep 79.

PENDLEY, C. E., (CWO) (M86) (Gene) 713 Ranch Hill Drive, Clarksville, TN 37042. Dy: (502) 798-4015. Res: (615) 647-6268. S. Lisa. Dy: Aviation Safety Officer, B Co, 4th Bn, 101 Avn Regt. Rtg: SAA. Time: 1,600 Hrs. Grad: Feb 82.

PERNICK, Edward S., (CW2) (M83) (Ed) 626 N Main St, Apt. C, Enterprise, AL 36330. Dy: (205) 255-4846. Res: (205) 347-4188. Dy: B1-14 Avn. Rtg: SAA. IP. Qual: LH-60A. Time: 3,200 Hrs. Grad: Jul 82.

PENROSE, Tommy T., (CW4) (M80) (Tom) HHC, 7th ARC, Box 3623, APO NY 09194. S. Ki. Dy: Sky Ofc, Gratenwehr, FRG. Rtg: MAA. SIP. Qual: AH-1S. Time: 3,000 Hrs. Grad: Sep 73. AM/1. Past VP, Aloha Chapter.

PERAMTIE, Robert C. Jr. (WO1) (M88) (Rob) 1040 May Lane, No. 21, Barstow, CA 92311. Dy: (619) 386-3085. Res: (619) 256-6471. S. Lorie. Dy: C Co, 3/19th Avn Regt, Ft. Irwin. Rtg: AA. Time: 350 Hrs. Grad: Sep 88.

PERO, Stephen E., (WO1) (M86) (Puppy) 505R Sunridge Dr, Blacksburg, VA 24060. S. Julie. Dy: D Co, 224th Avn 29th ID (light). Rtg: AA. Saf Ctr: Cvt. Time: 600 Hrs. Grad: Jan 87.

PETERS, Mark E., (CW3) (M81) C Troop, 3-4 ACR, APO NY 09302. Dy: 9221-96287. Res: 9271-40798. Dy: C Troop, 3/4 ACN, Schweinfurt, FRG. Rtg: SAA/SIP/IFE. Time: 5,000 Hrs. Grad: Jul 77.

PETERSEN, Rick. (CW2) (M89) 649 Burner Hill Drive, Clarksville, TN 37042. Dy: (502) 798-5197. Dy: 6/101st, Co B, Campbell AAF. Rtg: SAA. IP. SIP. Qual: LH-60A. Time: 2,600 Hrs.

PETERSON, Arthur F., (CW2) (M89) 28 Dixie Dr, Ozark, AL 36360. Res: (205) 774-3888. Dy: E Co 1-149th Avn. Rtg: AA. Time: 175 Hr. Grad: Oct 89.

PETERSON, John L., (CW4) (M79) USMCA-W5B, Box 718, APO NY 09457. S. Jo Ann. Dy: E1S 3337-6039. Dy: A Troop 5-6 Cav, Wiesbaden AB, FRG. Rtg: MAA. IFE. IP. Qual: AH-1S AH-64A. Time: 4,300 Hrs. Cbt 735 Grad: Jul 71. DFC1 AM/29. Past VP, Mainz Chapter.

PETERSON, Robert M., (MW4) (M67) (Pete) 95-789 Makaululu St, Miliani, HI 96789. Dy: (808) 456-2195. S. Melody. Dy: Maint Tech. Rtg: MAA TP. Maint Ctr: UH-1. Time: 4,245 Hrs./Cbt 655 Grad: Jul 66. AM/15.

PETRAK, William J., (WO1) (M88) 550 Yucca Street, #C-35, Barstow, CA 92311. Dy: AV 470-3086. Res: (619) 256-6326. Dy: Ft. Irwin Flight Detachment. Rtg: AA. Time: 300 Hrs.

PHELPS, Gerald E., (CW4) (M72) (Jerry) PO Box 214, Macon, NC 27851. Dy: (919) 396-8002. S. Linda. Dy: Asst Ops Ofc, A2-155th Avn Regt, Ft. Bragg. Rtg: MAA. IP. Qual: CH-47D. Grad: Apr 89. DFC1 AM/32.

PHILLIPS, Dennis J., (CW4) (M72) PO Box 694, USEJCOM Ft Det, APO 09359-5349. S. Lorraine. Dy: USEJCOM Ft Det, Stuttgart, FRG. Rtg: MAA TP. Maint Ctr: UH-1 AH-1 FW. Qual: AH-1S. Time: 4,500 Hrs. Grad: Oct 70.

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The 1989 Who's Who in AWO Aviation

PHILLIPS, Marlin K., (WO1) (M88) 10725 Abercorn Extension, Apt. 188, Savannah, GA 31419. Dy: (205) 255-4006. Dy: Aviator. C Troop 2/4 Cav. HAF 3/409. Rtg: AA. Qual: OH-58.

PIERCE, Donald D., (CW4) (M88) (Don) 932 East Winds Lane, Fayetteville, NC 28311. Dy: (919) 396-9735. Res: (919) 822-3564. S. Lynn. Dy: 62d Avn Brigade Maintenance Officer (BAMCO). Rtg: AA. IP. MTP MTFE. Maint Ctr: UH-1 OH-58. Time: 3,200 Hrs. Grad: May 74.

PISANO, Joseph L., (CW4) (M79) Hg, 2-501st Avn, APO SF 96271-0124. Dy: AV 753-6812/25. Res: (615) 645-9213. S. Lorna. Dy: Adjutant/AS1, Camp Humphreys, ROK. Rtg: MAA. IP. Qual: CH-47. Time: 4,900 Hrs./Cbt 1,000 Grad: Nov 69. AM/2. Past VP, Air Assault Chapter, Board of Governors/Scholarship Foundation.

PODURGIEL, Frank J., (CW3) (M82) (Don) 116 Chaba Drive, Enterprise, AL 36330. Dy: (205) 255-3310. Res: (205) 393-2510. S. Elsa. Dy: E Co, 1/212 Avn, Ft. Rucker. Rtg: SAA. SIP. Maint Ctr: UH-1. Time: 3,500 Hrs. Grad: Nov 78.

POPE, Darrell. (CW4) (M84) Avn Det USAB, PSC Bx 1404, APO NY 09611-5364. Dy: 0303/19-5450. Res: 0308/26-4260. S. Shirley. Dy: Instrument Fl Exam, Berlin Bde Avn Det, Rtg: MAA. IFE. SIP. Qual: AH-1S, C-12, U202A. Time: 5,700 Hrs./Cbt 960 Grad: Mar 71. AM/29. Treas, Checkpt Charlie Chap.

PORTER, Kurt J., (MW4) (M85) 9071 Blarney Stone Drive, Springfield, VA 22152-2130. Dy: (202) 697-0487. Res: (703) 644-6479. S. Marilyn. Dy: H2DA, DALO-AM, Wash D.C., Avn Weapons Sys Logistician, Safety Ofc. Rtg: MAA. IP. T. Maint Ctr: UH-1 AH-1. Saf Ctr: Mil. Time: 1,800 Hrs./Cbt 300 Grad: Nov 68. NEB member.

PORTER, Matthew E., (WO1) (M89) (Matt) H Co, 227th Avn, Box 236, APO New York 09165. Dy: 322-7727. S. Martha. Dy: H Co, 227th Avn, Fiegerhorst Koseme, Hanau, FRG. Rtg: AA. Qual: UH-60A. Time: 250 Hrs. Grad: Dec 88.

POWELL, Bradford A., (CW4) (M89) (Boog) PO Box 2051, Fort Campbell, KY 42223-2051. Dy: (502) 798-5671. Res: (615) 647-7688. Dy: 160th SOA3, Sys Intc Ofc. Rtg: SAA. IP. Qual: CH/MH-47D. Time: 3,600 Hrs. Grad: Aug 76.

PWILL, Daniel C., (CW2) (M86) (Dano) 1203-B Werner Park, Fort Campbell, KY 42223. Res: (615) 431-6502. S. Kell. Dy: AH-1 Pilot, O Troop, 4th Sqdn. Rtg: AA. Qual: AH-1S. Time: 750 Hrs. Grad: Aug 88.

PRIDDY, Donald E., (MW4) (M83) (Don) 4380-L White Street, Fort Wainwright, AK 99703. Dy: (907) 353-2225. Res: (907) 356-3290. S. Jan. Dy: Div Avn City Ofc, Ft. Wainwright, Rtg: MAA. Maint Ctr: UH-1 FW. Saf Ctr: Mil Cvt. Time: 3,500 Hrs./Cbt 700 Grad: Jun 68. AM/18.

PRILETO, Jose E., (CW3) (M87) (Joe) PSC Box 4881, APO Miami 34001. Dy: 011-507/86-3435. S. Karen. Dy: A Co, 1/228 Avn Regt, Ft. Kobbe, Panama. Rtg: SAA. IP. Qual: AH-60A UH-60. Time: 2,100 Hrs./Cbt 20 Grad: Sep 80. AM/1.

PROFFITT, Timothy C., (CW2) (M85) (Tim) 651-154 Av Street, Penthouse 6, Mokuiaia, HI 96791. S. Diana. Dy: Schofield Barracks. Time: 700 Hrs. Grad: Jan 86. AM/1.

PRYBY, Todd L., (WO1) (M88) 603 Sandy Run

Drive, Hinesville, GA 31313. Dy: (912) 767-5611. Res: (912) 369-4769. S. Carol. Dy: Aviator, 3/498 Med Co, Ft. Stewart. Rtg: AA. Time: 300 Hrs. Grad: Nov 88.

PUCCI, Larry R., (CW4) (M88) 1901 W. Paseo Monserrat, Tucson, AZ 85704. Dy: (502) 624-9204. Dy: AASF No. 2 Final Air Park, Rtg: MAA. SIP. IFE. Qual: AH-1S. Grad: Sep 69.

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RABER, Hal W., (CW3) (M83) (Darth Rader) HHC 4-159th Aviation, Box 448, APO New York 09359. S. Jeanette. Dy: Sintonid Officer, Europe. Rtg: MAA. SIP. Maint Ctr: UH-1 OH-58. Time: 6,900 Hrs./Cbt 765 Grad: Jun 70. AM/27.

RABUSIN, Todd L., (WO1) (M89) 2202 Spicewood, Killeen, TX 76543. Res: (817) 634-8179. S. Monica. Dy: 175th CAC, 6th Cav Bde (AC), Ft. Hood. Rtg: AA. Time: 250 Hrs. Grad: Nov 88.

RAMSEY, William H., (CW4) (M71) (Flur) 7079 Pantego Drive, Fayetteville, NC 28314-9108. Dy: (919) 396-5410. Res: (919) 867-2302. S. Terry. Dy: 62d Avn Bde, Standardization Ofc, Rtg: MAA. SIP. TP. Maint Ctr: UH-1 AMOC. Qual: AH-1S. Time: 5,600 Hrs. Grad: Jan 72.

RANDALL, Craig V., (CW4) (M81) HHC, 12th Avn Bde, Ft. Det, APO NY 09457. Dy: 011/49-6121-7007/6. Res: 011/49-6122-16207. S. Janice. Dy: C-12/U-21. SIP. Y Corps Ft Det, Wiesbaden AB. Rtg: MAA. SIP. Time: 6,020 Hrs. Grad: Jun 74.

RANDALL, Henry T., (CW4) (M87) (Red) HHC, 4/159th Aviation Rgt, Box 151, APO New York 09359. Dy: (404) 545-3519. S. Sonja. Dy: RWF/W Aviator, Stuttgart AAF. Rtg: SAA. IFE. SIP. Qual: AH-1S. Time: 6,200 Hrs./Cbt 800 Grad: Jun 71. Past VP, Follow Me Chapter.

RAPP, Howard L., (CW4) (M85) Box 639, 3rd Cpt, 1 Co (AS), APO NY 09359. S. Joan. Dy: Maint Center, Stuttgart, FRG. Rtg: MAA. TP. Maint Ctr: AH-1 FW. Qual: AH-1S UH-60A OV-1. Time: 5,000 Hrs./Cbt 200 Grad: Jul 71. AM/4.

RAWLINSON, Michael D., (CW4) (M75) (Mike) PO Box 8067, San Antonio, TX 78208. Dy: (512) 221-4970. Res: (512) 650-9207. Dy: ASO/SIP, 5th Army CART Team, Ft. Sam Houston. Rtg: MAA. SIP. IFE. Saf Ctr: Mil. Time: 5,200 Hrs./Cbt 538 Grad: Jul 70. DFC, AM/14.

REAL, Lyte W., (CW4) (M82) 3324 Rollingwood Drive, Woodbridge, VA 22192. Dy: (301) 961-7887. Res: (703) 670-8803. S. Susan. Dy: 5th Spt. Army's 1st Jet, USA Priority Air Transport, Andrews AFB. Rtg: MAA. IFE. SIP. Time: 11,390 Hrs./Cbt 1,340 Grad: Mar 69. AM/2.

REED, Dennis A., (CW4) (M86) Ft. Campbell, KY 42223. S. Linda. Dy: Instrument Flight Examiner. Rtg: MAA. IFE. IP. Qual: UH-60A. Time: 6,900 Hrs./Cbt 1143. Grad: Nov 69. 2 DFCs/2 AMs.

REENTS, Mark J., (CW2) (M87) HHT 22 ACR, PO Box 1922, APO NY 09139. Dy: 469-8869. Res: 0951400-7661. Dy: Sgdn Cdr P100/ALD Bamberg, FRG. Rtg: AA. Qual: AH-1S. Time: 1,200 Hrs. Grad: Oct 86.

REH, Duane R., (WO1) (M88) (Ray) 3334 Zion, D-5, El Paso, TX 79904. Dy: (915) 568-8696. Res: (915) 755-1101. Dy: Station Troop, 4th Sqdn, 3rd ACR. Rtg: AA. Time: 275 Hrs. Grad: Nov 88.

RENO, Alice A., (CW2) (M82) 94-521 Anania Ct, No. 140, Millami Town, HI 96789. Dy: (808) 656-1359. Res: (808) 625-2141. Dy: Armament Pl Ldr, H Co, 25th Avn Regt, Schofield Bks. Rtg: AA. Maint Ctr: AH-1 UH-60 AMOC.

RENO, Richard. (CW2) (M82) (Rich) D Co, 2-4

Avn. Regt., APO New York 09185. Dy: 334-3795. S. Trisha. Dy: Shops Plt Ldr. Finthen. FRG. Rtg: AA. Maint Crs: UH-60. Saf. Crs: MI.

RETH, Bernard E., (CW4) (M83) R 1, Box 2698, Hummelstown, PA 17036. Dy: (717) 865-8688. Res: (717) 533-8957. S. Patricia. Dy: Heavy Lift (CH-54A) test Pilot, Eastern AFWS Avn Tng Site. Ft. Raintown Gap. Rtg: SAA. SAF. Time: 6,000 Hrs. Cdt 631 Grad. 69. DFC/1 AM/16.

REYNOLDS, Steven E., (CW2) (M86) (Lighthouse) Route 1, Box 569-E9, Teakranks, TX 75502. Res: (501) 772-6258. Dy: Ch. Rtg: AA. Qual: AH-1S. Time: 700 Hrs. Grad.

RHOE, Maurice T., (CW2) (M87) (Moe) C Co, 214 Avn, APO NY 09185. Dy: 334-3804. Res: 6131/508-694. S. Wynne. Dy: AH-1 Pilot, Safety Office, Mt. Finthen. Rtg: AA. Saf. Crs: MI. Qual: AH-1S. Time: 1,500 Hrs. Grad: Apr 82.

RHYNE, Timothy H., (CW2) (M85) 730-B Fenander Ave, Wahiawa, HI 96786-4123. Dy: (808) 656-2617. S. Kim. Dy: A Co/25th Avn Bn, AH-1P Pilot. Rtg: AA. Qual: AH-1S. Time: 2,400 Hr Grad. Jul 85.

RICH, Herbert J., (WO1) (M88) (Eli) 5714-2 Friedman, Fort Hood, TX 76544. Dy: (817) 288-1318. Res: (817) 539-4043. S. Dottie. Dy: UH-1 Pilot, E Co, 227th Avn, 1st Cavalry Division. Rtg: AA. Time: 250 Hrs. Grad: Mar 89.

RIDLEY, James H., (CW2) (M89) (Hal) 39 East Harris Drive, Fort Rucker, AL 36362. Dy: (205) 255-9223. Res: (205) 598-3836. S. Carol. Dy: IP (H58, E-1-14th Avn Regt. Rtg: AA IP. Time: 1,700 Hrs. Grad: Jan 85.

RILEY, Richard D., (CW4) (M89) (Rich) Route 1, Box 272, Newton, AL 36352. Dy: (205) 255-5210. Res: (205) 692-5013. S. Gall. Dy: Hanchey OIC for ALMD, HHC 1/10th Avn Regt. Rtg: AA TP. Maint Crs: UH-1 AH-1. Qual: Fw3. HFC2 AM/15. Time: 2,000 Hrs. Grad: Feb. 73. DFC/2 AM/15.

RILEY, Walter E., (CW3) (M84) B Co, 3/501st Avn Regt, APO SF 96271-0453. S. Ginger A. Dy: Ops Officer, B Co, 3/501st Avn Regt, Camp Humphreys, ROK. Rtg: SAA IP. Maint Crs: UH-60 Qual: UH-60. Time: 4,700 Hrs. Grad: Mar 77.

RING, Anthony D., (WO2) (M88) (Tony) 83 Forest Park, Enterprise, AL 36330. Dy: (205) 255-4987. Res: (205) 393-2270. S. Julie. Dy: C Co, 1-145th Avn, Ft. Rucker. Rtg: AA. Grad: Sep 89.

RIOS, Pedro R., (WO2) (M89) (POMR) C 2, Box C-12065, Fort Rucker, AL 36362. Dy: (205) 255-6591. Res: (205) 393-6096. S. Sharon E. Dy: B Co, 1-145th Avn Bn.

RITTENHOUSE, Dewayne, (WO2) (M89) Briarwood Townhouses, 505 Briarwood Dr. No. A8, Enterprise, AL 36330-2290. Dy: (205) 255-6591. S. Janet. Dy: C-1145 Avn. Rtg: AA.

ROBERTS, Floyd W., (CW4) (M76) E Co, 6/158th Aviation Regiment, APO NY 09185. Dy: 06131-469/860. Res: 06131-474/501. S. Irene. Dy: Maint TP. Rtg: MAA TP. Maint Crs: UH-1 CH-47 CH-54. Qual: CH-47. Time: 4,700 Hrs. Cdt 90 AM/16.

ROBERTS, William C., (CW2) (M76) (Bill) Rm 2, Box 1, W. Forest Park Rd, Daleville, AL 36322. Dy: (205) 255-4711. Res: (205) 598-2582. S. Debbie. Dy: Tac Off, WOCS, A 1-145 Avn Regt. Rtg: SAA IP. Qual: AH-1S AH-64A. Time: 1,700 Hrs. Grad: May 82. Past VP, Wings of the Mame Chap.

ROBICHAUX, John C., (CW4) (M71) 22nd Avn Det, APO NY 09189-2764. Dy: AV 405-7274. S. Jan. 011-049-6331-86-99417. S. Sun. Dy: Pirmassen, Germany. Rtg: MAA IP TP. Maint Crs: UH-1. Time: 3,800 Hrs. Grad: Feb 72.

ROBINSON, Brian D., (CW2) (M87) (Rocky) C Tnp, 2-6 Cav, Box 349, Ilesheim, FRG. APO NY

The 1989 Who's Who in AWO Aviation

09140. Dy: ETS 4674-783. Res: 01149-9161-1810. Dy: AH-64 Apache, Ilesheim, FRG. Rtg: AA. Qual: AH-64A. Time: 550 Hrs. Grad: May 86.

ROBINSON, Lee M., (CW4) (M75) P.O. Box 70158, Fort Bragg, NC 28307-5000. Dy: (919) 596-6224. Res: (919) 436-6225. S. Terry. Dy: Jask Force 118, Ft. Bragg. Rtg: MAA IP. Maint Crs: OH-580. Time: 5,100 Hrs/Cdt 1,157 Grad: Sep 70. AM/36 TV. Past Sec, Wings Of The Mame Chap.

ROBINSON, Roy L., II, (CW3) (M81) 5196 Remington Road, Fayetteville, NC 28311. Dy: (919) 396-7285. Res: (919) 822-5177. S. Rosalie. Dy: 1st SOCOM, 7th SFGA, Fort Bragg. Rtg: AA IP. Qual: UH-60A. Time: 3,120 Hrs. Grad: Sep 80.

ROBLING, David P., (CW2) (M88) (Dave) I Co, 1st Avn, Box 3085, APO NY 09250. Dy: ETS 467-2622. S. Sandy. Dy: Maint Ofcr, I Co, 1st Avn Regt, 1AD. Rtg: AA. Maint Crs: AMOC.

ROD, Michael J., (WO1) (M89) (Hotrod/Ramrod) 1322 Glatton Rd., Clarksville, TN 37043. Dy: (615) 798-9309. Res: (615) 648-2615. S. Joan Elizabeth. Dy: C-101 Avn, OH58 Pilot, Ft. Campbell. Rtg: AA. Time: 350 Hrs. Grad: Dec 88.

RODERICK, Timothy L., (CW2/P) (M82) (Tim) 15338 Werner Park, Ft. Campbell, KY 42223. Dy: AV 635-2224. Res: (502) 798-2744. S. Addie. Dy: 1-101 Avn Regt. Rtg: SAA. Saf. Crs: MI. Qual: AH-1S AH-64A. Time: 1,500 Hrs. Grad: Aug 82.

ROGERS, Wilbur W., (WO1) (M89) 1255-C Herian Road, Fort Shafter, Honolulu, HI 96819. Dy: (808) 656-2556. Res: (808) 841-6921. Dy: B Co, 53 Aviation Battalion. Rtg: AA.

ROLLER, Byron L., (CW3) (M84) 4th U.S. Army CARTT team, Fort Sheridan, IL 60037. Dy: (312) 926-6707. Res: (312) 367-0371. S. Kathleen. Dy: Actt Maint Tech, Ft. Sheridan. Rtg: AA TP. Maint Crs: AH-1. Qual: AH-1S. Time: 1,300 Hrs.

ROSE, David J., (CW4) (M85) 121-A Charton St., Wahiawa, HI 96786. Dy: (808) 656-1266. Res: (808) 624-5054. S. Freida. Dy: Bn Avn Safety Ofcr, Schofield Barracks, HI. Rtg: MAA. Saf. Crs: MI. Grad: Feb 69. Past VP, Aloha Chapter.

ROSE, Victor L., (MW4) (M85) (Vic) 5606 Blythewood Lane, Fayetteville, NC 28311. Dy: (919) 396-4063. Res: (919) 822-6282. S. Patricia. Dy: Maint TP/Quality Control, Ft. Bragg. Rtg: MAA TP. Maint Crs: AH-1. Time: 3,220 Hrs./Cdt 571 Grad: Sep 67. AM/22. Past SVP, Stuttgart Chapter.

ROSS, Delors, (CW4) (M84) (D) AFOD, 3rd AFB Bn, 58th Avn Regt, APO NY 09102. Dy: 370-6201. Res: 6101-6178. S. Patricia. Dy: Flight Ops Ofcr, Heidelberg FRG. Rtg: MAA IFE IP. Time: 4,100 Hrs./Cdt 800 Grad: Jun 70. AM/3.

ROSS, James E., (CW4) (M75) (Jim) 918 Moyer Road, Newport News, VA 23602. Dy: (804) 878-4224. Res: (804) 874-3174. S. Anna. Dy: track Chief, UH-60 MTP Course, Ft. Eustis. Rtg: MAA IFE SVP TP MTFE. Maint Crs: UH-1 UH-60. Qual: UH-60A. Time: 6,300 Hrs./Cdt 1,800 Grad: Sep 66. DFCO, AM/31. Past VP, Col. Virginia Chap.

RUBO, Terry, (WO1) (M89) 423 Green Oak Drive, Savannah, GA 31419. Dy: (912) 352-5887. Res: (912) 925-0362. S. Nancy. Dy: B Co, 3/24th Avn, Hunter AAF. Rtg: AA.

RUSSELL, Cornell, (CW3) (M85) (Russ) 323 West Court Street, 2nd Floor, Rome, NY 13440.

Dy: (315) 330-7289. Res: (315) 337-8824. S. Harumi. Dy: Aviation Safety Officer, B Co, 3/25 Aslt Hel Bn, 10th Mountain Div. Rtg: SAA. Saf. Crs: MI. Time: 1,501 Hrs. Grad: Jan 81.

RUTHERFORD, Kelly D., (WO1) (M88) (Lumpy) Route 5, Box 73, Muskegoe, OK 74001. Dy: (915) 568-8339. Res: (918) 662-7540. S. Trisha. Dy: S Tnp, 4th Sgdn, 3d ACR, Ft. Bliss. Rtg: AA. Time: 160 Hrs. Grad: Aug 89.

RUTKOWSKI, Stanley T., (WO2) (M89) (Rattman) Route 3, Box 292, Apt. #98, Enterprise, AL 36330. Dy: (205) 393-2710. Res: (313) 525-8529. S. Melissa. Dy: C Co, 1-145th Avn, Ft. Rucker. Rtg: AA. Time: 217 Hrs.

RYAN, Harley J., (CW2) (M88) (Fluf) Box 922, Daleville, AL 36322. Dy: (205) 255-4605. Res: (205) 598-6368. S. Autumn. Dy: IP C Co, 1-212th Avn ATB. Rtg: SAA IP. Maint Crs: UH-1. Time: 2,700 Hrs. Grad: Jul 82.

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SADOWSKI, Joseph L., (WO1) (M88) 918 Schuyler St, Rome, NY 13440. Dy: (315) 330-3718. Res: (315) 336-5899. S. Monica. Dy: UH-1 Pilot, B Co, 3/25 AHB, Griffiss AFB. Rtg: AA. Time: 270 Hrs.

SAMUELSON, Mark P., (CW4) (M84) 2326 Thomas Lane, Wilmington, DE 19810. Res: (302) 529-1200. S. Marsha. Dy: Army Plant Reg Ofc, Basing Helicopter, Philadelphia. Rtg: AA IP. TP IFE. Maint Crs: UH-1 CH-47. Qual: CH-47. Time: 3,600 Hrs./Cdt 800 Grad: Apr 71. AM/23.

SNAUER, James E., (WO1) (M89) 150-B Audino Lane, Rochester NY 14624. Res: (716) 889-4448. S. Marie. Dy: Pilot. Rtg: AA. Qual: UH-60A.

SCHNEIDER, Charles E., (CW3) (M82) (Chuck) G Co, 3rd Avn Regt., Box 55, APO NY 09182. Dy: 352-7286. Res: 09337-1549. S. Linda. Dy: Maint Plt Ldr, Giebelstadt AAF. Rtg: AA TP. Maint Crs: UH-1. Time: 1,400 Hrs. Grad: Apr 81. AM.

SCHNEIDER, Linda S., (CW3) (M77) (Suz) G Co, 3rd Avn Regt., Box 55, APO NY 09182. Dy: 352-7286. Res: 09337-1549. S. Charles. Dy: Bn ALSE Ofcr, Giebelstadt AAF. Rtg: SAA. Qual: UH-60A. Time: 1,400 Hrs. Grad: Mar 79.

SCHNEIDER, Michael R., (CW3) (M83) (Mike) C Company, 2nd Aviation Regiment, APO SF 96524. Dy: 732-1361. Res: (919) 436-2876. S. Nancy. Dy: Avn Maint Tech, Camp Stanley, Korea. Rtg: AA. Maint Crs: UH-1 UH-60. AM.

SCHNELLBACHER, Norman, (CW2) (M87) Route 4, Box 393, Ozark, AL 36360. Dy: (205) 255-2414. Res: (205) 774-0488. Dy: B Co, 1/212 ATB, Rtg: AA IFE SVP. Maint Crs: UH-1. Time: 2,200 Hrs. Grad: Oct 82.

SCHOFIELD, George R., (CW4) (M72) PSC Box 4338, APO Miami 34001. Dy: AV 313/284-3203. S. Kathy. Dy: C-12 SIP HHC, 1228th Avn Regt. Rtg: MAA SVP. Qual: AH-1S. Time: 5,450 Hrs./Cdt 523 Grad: May 71. AM/17.

SCHUETZLER, James C., (WO1) (M88) (Schuetz) E Co, 5/158 Avn Regt., Box 823, APO NY 09039. Dy: ETS 328-8120. S. Debbie. Dy: UH-1 Pilot, FRG. Rtg: AA. Time: 350 Hrs. Grad: Sep 88.

SCHWERKE, Mark S., (CW2) (M82) D Company, 502nd Aviation Regiment, APO NY 09028. S. Jane. Dy: CH-47 Maint Test Pilot. Rtg: SAA TP. Maint Crs: CH-47. Qual: CH-47. Time: 1,500 Hrs.

SCOTT, Robert A., (CW4) (M75) (Scottie) P.O. Box 1507, Fort Meade, MD 20755. Dy: (301) 877-3503. Res: (301) 761-8901. S. Mina. Dy: RW Pilot. Rtg: MAA. Maint Crs: UH-1 CH-47. Saf. Crs: MI. Time: 5,800 Hrs./Cdt 1,292 Grad: Jan 70. AM/36.

SEBASTIAN, Daniel J., (WO1) (M88) (D.J.) 201 N. Harris, Fort Rucker, AL 36362. Dy: (205) 255-4989. Res: (205) 598-3580. S: Kristine. Dy: Pilot. D Co/1-223. Rtg: AA. Time: 490 Hr. Grad: Sep 86.

SEDLACEK, Joseph F., (CW3) (M88) H Co, 1st Avn Regt, 1AD, Box 1762, APO NY 09250. Dy: 467-2763. Res: 09627-1699. S: Barbara. Dy: 4H-60 TP, Kitterbach AAF. Rtg: AA/PT. Maint Crs: UH-1 UH-60A. Qual: UH-60A. Time: 2,200 Hrs.

SHAVER, Richard E., (CW3) (M83) (P/688) Bigwood Road, Fayetteville, NC 28314. Dy: (919) 396-3207. Res: (919) 864-6722. S: Betty. Dy: Fixed Wing Pilot, HHC 1/159th Avn Fl, Bragg, Rtg: SAA. IP: Maint Crs: AH-1. Saf Crc: Mil. Qual: AH-1S U-21 C-12. Time: 2,500 Hrs. Grad: Apr 81.

SHAVER, Dan E., (CW4) (M87) 30 Johnson St., Ft. Rucker, AL 36362-2232. Dy: (205) 255-9032. S: Cindy. Dy: AH64 Proj Evt Pilot, USA/ANOTR, Rtg: MAA TP. Qual: AH-1S AH-64A. Time: 4,700 Hrs./Cdt 800 Grad: Nov 85. AM/33.

SHAY, Michael E., (CW2) (M89) (Mikee) D Co, 4-229th AARH, APO NY 09140. Dy: ETS 4694-711/277. S: Leona. Dy: 151AE, Ilesheim, FRG. Rtg: AA. Maint Crs: AH-64. DFC/3.

SHEAFFER, Clair J., (CW4) (M74) (Jack) 52302-1 Lenape Ct, Ft. Hood, TX 76544. Dy: (817) 287-8351. Res: (817) 539-4375. S: Janice. Dy: HST, 4/6 Cav. Rtg: SAA. Saf Crc: Mil. Qual: AH-1S AH-64A. Time: 3,500 Hr/Cdt 475 Grad: Sep 85. AM/3

SHEEHAN, J. Patrick, (CW4) (M89) (Pat) 108 Blake Drive, Ozark, AL 36360. Dy: (205) 255-2427. Res: (205) 774-2586. S: Sharon. Dy: SPC DES, Ft. Rucker. Rtg: MAA S/P. Maint Crs: AMOC AH-1 UH-1. Qual: AH-1S AH-64A. Time: 4,300 Hrs./Cdt 600 Grad: Nov 84. AM/3.

SHIRLEY, Jerry D., (CW4) (M67) (JD) 3355 Brunswick Drive, Colorado Springs, CO 80920. Dy: (719) 579-5300. Res: (719) 282-1431. S: Carol. Dy: Div Actt Maint Off, HHC 4th Avn Fl, Carson. Rtg: MAA IP. TP. Maint Crs: UH-1 AH-1. Time: 3,500 Hrs./Cdt 950 Grad: Sep 86. DFC, AM/26. Past SrVP, Rhine Valley Chapter.

SHOEMAKER, James, (CW4) (M80) (Jim, E Shoe) 114 Nancy Drive, Killeen, TX 76542. Dy: HHT 177 Cav, 1st Cav Div, Ft. Hood, TX. Rtg: MAA TP. Maint Crs: AH-1 OH-58. Qual: AH-1S. Time: 2,300 Hrs./Cdt 150 Grad: Sep 86. AM/1.

SICKLER, Andrew E., (CW3) (M87) (Andy) 640 S. 161st St, Spanaway, WA 98387-8509. Dy: (206) 535-4563. Res: (206) 535-4563. S: Kristie. Dy: SPC Detach, Ft. B. Harrison, IN. Rtg: AA. Saf Crc: Mil. Qual: UH-60A. Time: 2,000 Hrs. Grad: Jul 81.

SIDONIO, John F., (CW3) (M87) (Sid) 211 Holman Bridge Road, Daleville, AL 36322. Dy: (205) 255-3904. Res: (205) 598-2717. Dy: HHO 1-212th ATB, Ft. Rucker. Rtg: SAA IFE S/P. Time: 4,700 Hrs. Grad: Feb 78.

SIMKO, Edward W., (CW3) (M83) (Ed) 204 Lakeshore Road, Enterprise, AL 36330. Dy: (205) 255-5810. S: Janis. Dy: DGES, Ft. Rucker. Rtg: MAA IFE. IP. Maint Crs: UH-1H. Time: 5,500 Hrs./Cdt 314. Grad: Apr 69. DFC/1, AM/19.

SIMONEAU, Terri K., (CW2) (M84) GF, Co/4th Avn Regt, APO NY 09185. Dy: E/680 Pilot, Rtg: AA. **SLANE, Robert K. Jr.**, (CW2) (M85) (Bob) 134 North Harris Drive, Fort Rucker, AL 36362. Dy: (205) 255-4846. Res: (205) 598-8486. S: Cathy. Dy: Instr Pilot, B/1-4 Avn. Rtg: AA. IP. Maint Crs: OH-58. Time: 1,350 Hrs. Grad: Oct 85.

SLAUGHTER, Thomas E., (CW4) (M80) (Tom) 13 Thurman Dr, Lawton, OK 73501. Dy: (405) 351-6018. S: Toni. Dy: MTP, 2/A/2-158th Avn Regt. Rtg: MAA TP. Maint Crs: CH-47 OH-58. Qual: OH-

The 1989 Who's Who in AWO Aviation

470. Time: 3,500 Hr/Cdt 390 Grad: May 71. AM/7

SMALL, David D., (WO1) (M87) 818 Ohio Street, Apt. 97, Bangor, ME 04401. Dy: (207) 941-3063. Res: (207) 945-4368. Dy: 112th Med Co, (AA), Medevac Pilot, Bangor Int'l Airport. Rtg: AA. Time: 750 Hrs. Grad: Apr 87.

SMALLWOOD, Gregory T., (CW3) (M84) (S-Wood) 3419-B Kanel Loop, Wahiawa, HI 96786. Dy: (808) 656-2558. Res: (808) 624-6604. S: Elaine. Dy: IP, B Co, 53d Avn Bn, Schofield Bks. Rtg: SAA. IP. Maint Crs: UH-1.

SMITH, Bryan H., (CW2) (M83) 2904 Arbor Drive, Manhattan, KS 66502. Dy: (813) 239-3339. Res: (813) 776-1857. S: Jan. Dy: D Co, 1st Avn Regt., 1st ID, Ft. Riley, Rtg: AA S/P. Saf Crc: Mil. Qual: OH-580. Time: 2,500 Hr. Grad: Mar 83.

SMITH, Charles L., (CW4) (M84) (Chuck) 1906 Moonlight, Killeen, TX 76543. Dy: (817) 287-6313. Res: (817) 680-0157. S: Sarah Sue. Dy: Aircraft Maint Tech, HHT 2-1 Cav, 2AD, Rtg: MAA TP. Maint Crs: AH-1 AMOC. Qual: AH-1S. Time: 3,000 Hrs./Cdt 500 AM/4.

SMITH, Doyle E., (WO1) (M89) 406 Julie Drive, Clarksville, TN 37042. Dy: (502) 798-9305. Res: (615) 647-3498. S: Leslie. Dy: B Co, 3d Bn, 105th Avn Regt (AA), Rtg: AA Pilot. Qual: OH-58. Time: 250 Hrs. Grad: Mar 89.

SMITH, Gary S., (CW2) (M82) C Co, 3-3rd Avn, APO NY 09182. Dy: 09334-87-271. Res: 09-334-491. S: Vik. Dy: AH-1F Instr Pilot, Rtg: SAA. IP. Qual: AH-1S. Time: 1,500 Hrs. Grad: Sep 82.

SMITH, James D., (CW4) (M70) (JD) 602 Wainwright Road, Wainwright, AK 99703. Dy: (907) 353-2048. Res: (907) 356-3050. S: Hyong San. Dy: Avn Maint Officer, B 17p, 4/9 Cav Sqdn. Rtg: AA S/P. TP. Maint Crs: UH-1 AH-1. Qual: AH-1S. Time: 4,500 Hrs./Cdt 790 Grad: May 70. AM/14.

SMITH, Michael E., (WO1) (M89) (Mike) S Troop, 4/2 ACR, Box 10001, APO NY 09092-0216. Dy: ETS 4614-603. Res: 0911-402083. S: Cassandra. Dy: UH-60 Pilot, Feucht AAF. Rtg: AA. Qual: UH-60A. Time: 300 Hrs. Grad: Aug 88.

SMITH, Raul W., (CW4) (M70) (Pete) 11325 Gene Sarazen, El Paso, TX 79936. Dy: (915) 568-5627. Res: (915) 555-1151. S: Marilyn. Dy: OLC Officer, A/UM 17, 4 Sqn, 3 ACR. Rtg: MAA TP. Maint Crs: UH-1 AH-1 OH-58. Qual: AH-1S. Time: 5,300 Hrs./Cdt 1,700 Grad: Apr 68. AM/51.

SMITH, Robert L., (CW4) (M77) (Bob, RL) P.O. Box 3063, APO NY 09224. Dy: 01190-91-633501. S: Colin. Dy: Maint Off, LSE Avn, Izmir, Turkey. Rtg: MAA TP. Maint Crs: UH-1. Time: 6,500 Hrs./Cdt 255 Grad: Dec 68. AM/18.

SMITH, Trenton V., (WO1) (M88) 1603 East Andrews, Apt. 12C, Ozark, AL 36360. Dy: (205) 255-2810. Res: (205) 774-1109. S: Julie L. Dy: B Co, 1-145 Avn, Ft. Rucker. Rtg: AA. Time: 130 Hrs. Grad: May 89.

SNOW, Sharon M., (CW2) (M85) 159th Medical Co, APO NY 09175-3624. Dy: Av 348-5800. Dy: UH-60 Instructor Pilot, Darmstadt, FRG. Rtg: AA. IP. Qual: UH-60A. Time: 1,000 Hrs.

SNYDER, Laurence L., (CW4) (M83) (Darth) A/5-159th, APO NY 09025. S: Cornelia. Dy: UH-1, CH47 IFE, A/5-159 Avn, Doian Bks, Schwabtsch Hall, FRG. Rtg: MAA IP. IFE. Qual: OH-470. Time:

6,000 Hrs./Cdt 1,000 Grad: Oct 69. DFC/1AM/6,TV.

SOCORRO, Pedro F., (CW3) (M88) A Troop, 5/6 Cavalry, 12th Avn Brigade, APO NY 09457. Dy: AH-64A Test Pilot, Rtg: AA. IP. Maint Crs: AH-1 AH-64. Qual: AH-1S AH-64A. Time: 2,100 Hrs.

SOLIDA, Carl L., (WO1) (M88) 68-047 Aupuhi St, #101, Waiakua, HI 96791. Dy: (808) 670-2617. Res: (808) 637-4858. Dy: A/1-25 Avn Regt. Rtg: AA. Qual: AH-1S. Time: 240 Hrs. Grad: Feb 88.

SORENSEN, David A., (CW3) (M85) JUSMAG Phil, Attn: J2AF-OPS (Am Tft), APO SF 96528-5800. Dy: 992-8896. Res: 673-2933. S: Kathy. Dy: Avn Logis & Maint Tech, Villamor Air Base, Manila, Rtg: AA. TP. Maint Crs: AMOC UH-60A. Qual: UH-60A. Time: 1,700 Hrs. Grad: Feb 74.

SPARKS, Michael R., (CW3) (M82) (Chispas) 31 E. Harris Drive, Fort Rucker, AL 36362. Dy: (205) 255-5162. Res: (205) 598-1954. S: Wendy. Dy: HHC 1/10 (ALMO). Rtg: SAA. IP. Maint Crs: UH-1. Time: 4,050 Hrs. Past VP Tu-Can Chapter.

SPECKMAN, John G., (CW4) (M72) A Co., 3rd MI Bn (AE), Box 412, APO SF 96271-0154. Dy: 753-7317. Res: 753-9161. S: Becky. Dy: Aircraft Maint Tech 3d MI Bn OVR/1, Camp Humphreys Korea. Rtg: MAA TP. IP. MTFE. Maint Crs: FW. Time: 4,100 Hrs./Cdt 533 Grad: Mar 71. AM/70.

SPENCER, Robert G., (CW4) (M81) (Bob) 8510 Idlewood Drive, SW, Tacoma, WA 98498. Dy: (206) 967-4913. Res: (206) 588-5384. S: Sharon. Dy: AH1S (MC), UH1H MTFE, E TP 19 Cav Regt, Ft. Lewis. Rtg: MAA IFE. Maint Crs: AMOC AH-1. Qual: AH-1S. Time: 3,800 Hr/Cdt 550 Grad: Jul 70. AM/13.

SPILCHAL, Jimmy D., (CW4) (M81) (Splash) 20 Diamond Circle, Fort Rucker, AL 36362. Dy: (205) 255-2531. Res: (205) 598-2215. S: Barbara. Dy: D.E.S. Rtg: MAA S/P. Qual: AH-1S. Time: 5,000 Hrs./Cdt 600 Grad: Mar 71. AM/5.

STALLKNECHT, David K., (WO1) (M89) 5734-1 Bailey St, Ft. Hood, TX 76544. Dy: (817) 287-7007. Res: (817) 539-6608. S: Cindy. Dy: Chinook Pilot, B Co, 2/158 Avn Regt, 6th Cav Bde. Rtg: AA. Qual: CH-470. Time: 2,700 Hrs. Grad: May 85.

STANTON, Ray E., (CW4) (M88) (Ray) 245 Ardennes Circle, Fort Ord, CA 93941. Dy: (408) 242-5405. Res: (408) 394-6537. S: Gloria. Dy: Chief Of Flight Training Sdtns, 1-123 Avn Regt. Rtg: MAA IFE S/P. IP. Maint Crs: UH-1 OH-58. Qual: AH-1S. Time: 4,500 Hrs./Cdt 775 Grad: Oct 70. DFC/1 AM/30.

STATHAM, Stacy, (CW3) (M86) 8005-A General Grant Dr, Fort Drum, NY 13603. Dy: (315) 772-5771. Res: (315) 773-4695. S: Sibby. Dy: UH-1 Pilot, A 3-25th Avn Regt, 10th Mtn Div. Rtg: SAA. Time: 1,620 Hrs. Grad: Oct 81.

STEFFEN, John J., (CW4) (M81) (Jack) P.O. Box 636, Novato, CA 94948-0636. Dy: (415) 883-2331. Res: (415) 382-0343. S: Crystal. Dy: 6th Army Flight Detachment, Hamilton AAF. Rtg: MAA IFE S/P. Time: 9,860 Hrs./Cdt 767 Grad: Jun 71. AM/15.

STEGMEYER, Michael W., (CW2) (M86) (C) 227th Aviation, 3rd Armored Division, APO NY 09176. Rtg: AA. TP. Maint Crs: UH-1 UH-60. Qual: UH-60A. Time: 1,550 Hrs. Grad: Aug 83. AM/1.

STAPP, William K., (CW3) (M88) (Keith) 928 Piner Dr, Barstow, CA 92311. Dy: (619) 386-8036. S: Melissa. Dy: Actt Maint Off, Ft. Irwin. Rtg: AA. TP. Maint Crs: UH-1. Time: 2,850 Hr. Grad: Oct 76.

STETTIN, Edward R., (WO1) (M88) 56th Aviation Co, Box 116, APO NY 09028. Dy: 0621/382-5257. S: Penny. Dy: RW Aviator, Coleman AAF, FRG. Rtg: AA. Time: 500 Hrs. Grad: Mar 88.

STEVENSON, Harry R., (CW4) (M86) (Dirly)

Harry) 7939 Gambier Ct., Springfield, VA 22153. Dy: USA Dawson Ann Crnd, Ft. Belvoir. Rtg: MAA SIP IFE. Saf Crs: Mil. Qual: AH-1S. Time: 11,000 Hrs./Cbt. 1,600 Grad: Aug 89. DFC2, AM/52.

STEVENS, Mark E., (CW2) (M86) C Co, 71758 Avn Regt, APO NY 09457-5000. Dy: 0612/17-5122. S: Secong. Dy: C Co, 71758 Avn Regt, 151A Wiesbaden FRG. Rtg: AA. Maint Crs: UH-60. Time: 1,500 Hrs./Cbt 14 Grad: May 86. AM/1.

STEVENS, Sean E., (WO1) (M89) G Co, 4th Aviation Regt., APO New York 09185. Rtg: AA.

STEWART, Frieda A., (CW2) (M88) B Co, 1st MI Bn, APO NY 09457. Dy: 049/06121-785033. Res: 049/06121-528204. Dy: FW Safety Officer. B Co, 1st MI Bn. Rtg: AA. Saf Crs: Mil. Qual: UH-1, OH-58A, U-21, HC-120. 2,000 Hrs. Grad: May 83.

STEWART, Mark B., (WO1) (M86) (Sta) 4100 Lake Road, #305, Killeen, TX 76543. Dy: (817) 287-7470. Res: (817) 690-1068. S: Dawn. Dy: Helicopter Pilot, B Troop, 4th Cav, Ft. Hood. Rtg: AA. Qual: AH-64. Grad: Sep 87.

STOKES, George H., (CW4) (M72) HHC, 12th Avn Bde., Flight Detachment, APO NY 09457. Dy: 335-5113. S: Lois. Dy: Ops Officer, Wiesbaden FRG. Rtg: MAA SIP. Maint Crs: AH-1 FW. Saf Crs: Mil. Time: 6,500 Hrs./Cbt 950 Grad: Jun 86. DFC, AM/30. Past VP, Mainz Chapter.

STONEKING, Frank I., (CW3) (M89) H Co, 227th Aviation, PO Box 184, APO New York 09165. S: Faye. Dy: Instructor Pilot. Rtg: AA. Qual: UH-60A. Time: 2,800 Hrs. Grad: Mar 89.

STORY, Thomas A., (MW4) (M80) (Tom) 3201 Culbreth Ct, Woodbridge, VA 22192. Dy: (703) 325-5226. Res: (703) 460-3553. S: Betty. Dy: PERSCOM. Ch. Avn Assignments, Alexandria. Rtg: MAA IP. Maint Crs: AH-1 FW. Saf Crs: Mil. Ctr. Qual: AH-1S. Time: 4,200 Hrs./Cbt 1,995 Grad: Feb 88. DFC1, AM/76.

STRINE, Jay D., (CW2) (M85) (Jaybo) 419-F Accacia Circle, Fayetteville, NC 28314. Dy: (919) 386-1771. Res: (919) 864-6671. Dy: HHT 1-17th Cavalry, Ft. Bragg. Rtg: AA. Qual: UH-60A EH-60. Time: 1,150 Hrs. Grad: Oct 85.

STROUD, Dale E., (CW2) (M85) (Dale) P.O. Box 796, Fort Campbell, KY 42223. Dy: (502) 798-2729. Res: (615) 648-1470. Dy: AH-64 Pilot, B Co, 1101 Avn Regt. Rtg: AA. Qual: AH-1S AH-64. Time: 900 Hrs. Grad: Jul 85.

STUTTS, Cicero, (CW4) (M82) 305-A Sudut St., Wahawa, NJ 96786. Dy: (806) 656-2617. Res: (808) 624-4362. S: Sandy. Dy: Avn Safety Off. A Co, 1-25 Avn Regt/Schofield Bks. Rtg: MAA. Saf Crs: Mil. Qual: AH-1S. Time: 3,400 Hrs./Cbt 1,009 Grad: Apr 87. DFC1, AM/40.

SULLIVAN, John L., (CW3) (M82) 904 Mill Stream Court, Savannah, GA 31419. S: Linda. Dy: C Co, 1/24 AHB, Hunter AAF. Rtg: SAA IFE SIP. Qual: AH-1S AH-64A. Time: 1,800 Hrs. Grad: Dec 77. Past S/VP, Wings Of The Marine Chapter.

SUMBRON, Anthony C., (WOC) (M89) (Tigger) 421 Doug B Cr., Enterprise, AL 36330. Dy: (205) 255-6591. Res: (205) 347-0182. S: Maxine. Dy: B Co, 1/145th Avn. Rtg: AA. Time: 101 Hr. Grad: Oct 89.

SUND, Steven T., (WO1) (M88) (Steve) P.O. Box 105, Fort Rucker, AL 36362. Dy: (205) 255-6591. Res: (205) 598-5376. S: Mary. Dy: C1-145 Avn. Rtg: AA. Grad: Aug 89.

SUSAG, Jeffrey T., (CW2) (M85) 5931 Dupas St., Fort Hood, TX 76544. Res: (919) 539-6983. S: Penny. Dy: 4/3 Avn Bde, 2d AD. Rtg: AA. Qual: OH-58. Time: 1,200 Hrs. Grad: Mar 88.

SUTTON, James C., (WO1) (M89) (Jungle) B Troop, 56th Cavalry, APO NY 09457. Dy:

S The 1989 Who's Who in AWO Aviation

Wiesbaden, FRG. Rtg: AA. Maint Crs: CH-47. Qual: AH-64A. Time: 250 Hrs. Grad: Apr 89.

SWANN, David A., (CW2) (M88) 1425 King George Blvd, #4F, Savannah, GA 31419. Dy: (912) 352-6717. Res: (912) 921-0532. S: Joyce. Dy: AH-64 Apache Pilot/Arm Tech, A Co, 124 Avn. Rtg: AA. Qual: AH-64A. Time: 600 Hrs. Grad: May 86.

SWEARS, William B., (CW2) (M89) 107 Westfield Road, Enterprise, AL 36330. Dy: (205) 255-3502. Dy: D Co, 1-223rd Avn. Rtg: AA.

SWEZEY, Harry W., (CW4) (M69) (Easy) 102 Bay Street, Enterprise, AL 36330. Dy: (205) 255-4313. Res: (205) 347-5835. S: Patricia. Dy: Pers Sys Mgr, Dir Avn Proponency, Ft. Rucker. Rtg: MAA SIP IP TP. Maint Crs: UH-1. Time: 3,800 Hrs. Grad: Sep 69.

SZAD, Charles R., (CW2) (M85) (Chuck) 200 E. Hibiscus St., Honolulu, HI 96818. Dy: (808) 656-2558. Res: (808) 839-7138. S: Glenda. Dy: 53rd Avn. Rtg: AA. Time: 850 Hrs. Grad: Sep 85. Past VP, Aloha Chapter.



TABERT, Lawrence E., (CW4) (M86) (Larry) UA55B, USMCA-WSB, Box 231, APO NY 09457. Dy: 337-5126. Res: 0612/179968. S: Jan. Dy: UH-60 SPIE, Wiesbaden AB, FRG. MAA IFE SIP. Qual: UH-60A. Time: 4,200 Hrs./Cbt 450 Grad: Jun 69.

TARBY, Shawn J., (WO1) (M89) (Shawn) Cmr 6 Box 5122, Fort Rucker, AL 36362. Dy: (205) 255-4006. Res: (205) 598-4845. S: Ella L. Dy: C Troop, 3rd/7th Cav, Sandhotten, FRG. Rtg: MAA TP. Time: 312 Hrs. Grad: Apr 89. AM/2.

TATE, Dale W., (CW4) (M82) 1015 Drennan Park, Fort Campbell, KY 42223. S: Diann. Dy: 7-101 Avn, Co B. Rtg: MAA IFE SIP. Qual: CH-47D. Time: 5,500 Hrs./Cbt 1,100 Grad: Jul 69. AM/76.

TAYLOR, David M., (CW4) (M85) (Dave) 1034 B Drennan Park, Fort Campbell, KY 42223-5000. Dy: (502) 798-2402. Res: (615) 431-5571. S: L. Ellen. Dy: C-121U-21 SIP, Hg USAG, Ft. Campbell. Rtg: MAA SIP. Qual: AH-1S. Time: 5,000 Hrs./Cbt 500 Grad: Apr 71. AM/20.

TENDALL, Kevin L. Sr., (CW3) (M86) (Moose) A Co, 4th Battalion, 159th Avn Regt, APO NY 09359. S: Emma W. Dy: Pilot, Hq VII Corps. Rtg: AA TP. Maint Crs: UH-1. Time: 2,000 Hrs. Grad: May 83. AM/4.

TERRELL, Donald B., (CW3) (M89) (Don) 5618 Birmini Place, Fayetteville, NC 28314. Dy: (919) 396-7778. Res: (919) 868-1582. Dy: IP, B Co, 2d Bn, 82d Avn Bde. Rtg: AA IP. Qual: UH-60A. Time: 3,000 Hrs./Cbt 12 Grad: Jan 78. AM/1.

TERRY, Mark D., (CW3) (M85) (Doc) A Co, 1501 Avn, Box 505, APO SF 96301-0011. Dy: 9416-577. Res: 27-2409. S: Tara. Dy: IP, Cnd Avn Pnt (CINC Hawk), Seoul Airbase, Korea. Rtg: SAA IP. Qual: UH-60A. Time: 2,600 Hrs. Grad: Oct 78. AM/7. Treasurer, Morning Calm Chapter.

THIELEMAN, Martin A., (CW4) (M84) (Marty) 1 Co, 1st Avn Regt., Box 2006, APO NY 09250. Dy: AH-1S TP, MTFE, Ansbach, FRG. Rtg: AA TP. Maint Crs: AH-1. Qual: AH-1S. Time: 3,400 Hrs./Cbt 600 Grad: Sep 67. DFC1.

THOMAS, Earnest, Jr., (CW3) (M85) (Earnie)

16268 Shenandoah Road, Fort Belvoir, VA 22060. Dy: (703) 664-4073. S: Wendy. Res: (703) 781-7955. Dy: RWPDUUSA-DAC. Rtg: SAA IP. Maint Crs: UH-1. Time: 2,500 Hrs. Grad: May 81.

THOMAS, Rodney M., (CW4) (M86) (Rod) P.O. Box 353, Fort Rucker, AL 36362. Dy: (205) 255-3223. Res: (205) 598-5200. S: Jenelle. Dy: IP OH-58, E-114. Rtg: SAA IP. Saf Crs: Mil. Time: 3,650 Hrs. Grad: Jun 75.

THOMAS, Willie Jr., (CW3) (M89) A Co, 1st MI Battalion, APO NY 09457. Dy: ETS 337-5990. Res: 0121-561787. S: Debra. Dy: IP Wiesbaden AB, FRG. Rtg: SAA IP. Maint Crs: UH-1. Time: 2,000 Hrs. Grad: Jun 80.

THOMPSON, Edward L., (CW3) (M80) (Lee) 4816 D Hattell Court, Fort Meade, MD 20755. Dy: (301) 677-2236. Res: (301) 674-6360. S: Michelle. Dy: SIP. 1st US Army CART Team. Rtg: MAA IP SIP. Qual: UH-60A. Time: 2,500 Hrs./Cbt 835 Grad: Jun 67. AM/25, IV.

THOMPSON, Robert H., (CW3) (M85) (Not Bob) 2766 Crestview, Barstow, CA 92311. Dy: (619) 366-3285. S: Lesley. Dy: UH-60 Instructor Pilot, 247th Med Det. (RA) Ft. Irwin. Rtg: AA SIP. Qual: UH-60A. Time: 2,200 Hrs. Grad: Feb 81.

THORPE, Ricki K., (CW3) (M86) Aviation Company, LSU/MFO, APO New York 09679. Res: (205) 598-3655. S: Annette. Dy: Avn Sfty Off, Multinatl Force & Observers, Sinai Egypt. Rtg: SAA. Saf Crs: Mil. Time: 2,700 Hrs. Grad: Jan 78.

TOJOUH, Ernest, (CW2) (M87) (Warren) 419 Spencer Lane, Clarksville, TN 37042. S: Tracy. Dy: A Co, 3-101 Avn Regt, 101 Avn, Cobra IP. Rtg: AA IP. Qual: AH-1S. Time: 1,800 Hrs.

TOLBERT, Ralph V., (CW4) (M71) 1201 Lail Circle, Copperas Cove, TX 76522-3620. Res: (817) 542-6993. Dy: Safety Officer, Inst Ft. Det, Ft. Hood. Rtg: MAA. Maint Crs: RW. Saf Crs: Mil. Qual: AH-1S. Time: 4,800 Hrs./Cbt 740 Grad: Feb 70.

TOMCZYK, Ted, (WO1) (M86) B Troop, 5/6 Cav, APO New York 09457. Dy: 0612/179-5905. Res: 06144-435-44. Dy: Apache Pilot, Wiesbaden FRG. Rtg: AA. Qual: AH-64A. Time: 600 Hrs. Grad: Jun 87.

TOMPKINS, William R., (CW3) (M85) (Thumper) C Troop, 4/7 Cavalry, APO New York 09076. S: Donna. Dy: A/B. Rtg: AA IFE IP. Qual: AH-1. Time: 2,150 Hrs. Grad: Dec 80.

TORNEY, James W., (CW4) (M73) 689 Little Dean Circle, Newport News, VA 23602. Dy: (804) 678-6677. Res: (804) 872-7446. S: Gloria. Dy: AH-64 Proj Off, USAFALS, Ft. Eustis. Rtg: SAA TP. Maint Crs: AH-1. Qual: AH-1S. Time: 1,400 Hrs. Grad: May 73. Past VP, Aloha Chapter.

TORRES, Richard L., (CW4) (M87) (Rich) 30 Dikmond Circle, Fort Rucker, AL 36362. Dy: (205) 255-4649. Res: (205) 598-4610. S: Patricia. Dy: B Co, 1-10th Avn Regt, Academic Instructor. Rtg: AA SIP IP TP. Qual: AH-1S. Time: 6,500 Hrs./Cbt 1,000 Grad: Oct 69. DFC2 AM/34.

TUROSKSI, William S., (CW4) (M89) P.O. Box 642, Slocomb, AL 36375. Dy: (205) 886-3584. S: Jana. Dy: B Co, 6th Bn, Knox Field, Ft. Rucker. Rtg: MAA IP IFE. Qual: AH-1S UH-60A. Time: 9,000 Hrs./Cbt 800 Grad: Jun 19. 14/AM.

TWIGG, Brian K., (WO1) (M87) 217 Egret Circle, Richmond Hill, GA 31324. Dy: (912) 352-6366. Res: (912) 756-2972. Dy: AH64 Pilot, B Co, 1/24 Avn Bn. Rtg: AA.

TWOMBLY, Thomas N., (CW2) (M82) (Mr. T) 768 Balsam Court, Ft. Wainwright, AK 99703. Dy: (317) 353-7071. Res: (907) 356-1961. S: Alyson. Dy: A Co, 4-123 Avn Regt. Rtg: SAA. Saf Crs: Mil. Qual: UH-1. Time: 1,800 Hrs. Grad: Jun 82.

UCHIYAMA, Glenn S., (CW4) (M88) R Tpt, 411th ACR, Box 282, APO NY 09146. S: Key. Dy: AH-1 IP. Rtg: AA. Past VP, Thunderhorse Chapter.

UNDERHILL, Ronald L., (CW2) (M82) (Ron) A Co., 2d Aviation Bn, 2d Aviation Regt, APO SF 96524-0461. Dy: 932-1332. Res: (918) 867-1663. S: Terry. Dy: Aviator/Safety Officer, A Co., 2d Avn Bn, 2d Avn Regt, Rtg: SAA. Saf Crs: Mil. Qual: UH-60A. Time: 2,000 Hrs. Grad: Jun 82.

WWW

VACLAVIK, Michael E., (CW2) (M82) (Groder) C Troop, 2-6 Cavalry, APO NY 09140-5000. Dy: 01149 9841 834784. Res: 01149 9841 8615. S: Bettina. Dy: To Maint Otr & Maint Otr, Stock Bds, Ilesheim FRG. Rtg: SAA TP. Qual: AH-1UH-64A. Qual: AH-1UH-64A. Time: 1,550 Hr. Grad: May 82.

VAHALSMICK, William L., (CW2) (M82) 8235 Havens Corners Road, Blacklick, OH 43004. Dy: (502) 799-2858. Res: (615) 562-3598. Dy: 4-101 Avn Bn, Co A, Ft. Campbell. Rtg: SAA SIF IFE. Qual: UH-60A. Time: 2,300 Hrs. Grad: Aug 82.

VANDENBERG, John E., (CW2) (M85) (Duck) D Troop, 422 ACR, APO NY 09092. Dy: 0049/09128-7073. Res: 0049/0911-47247. S: Mary. Dy: Ops Otr. C Troop, 422 ACR, Nurnberg FRG. Rtg: AA. Qual: AH-1S. Time: 1,800 Hrs. Grad: Feb 83. Sec. Redcatcher Chapter.

VAN DEN HEUVEL, Neil A., (WO1) (M85) 17829 Orchard Lane, Prunedale, CA 93907-1518. Res: (408) 663-2072. S: Lana. Dy: Pilot Black Hawk, A Co, 3123 Avn Regt. Rtg: AA. Qual: AH-64A. Time: 650 Hrs.

VAN ERT, James W., (CW2) (M84) G Troop, 317th Cavalry, APO NY 09028. S: Judy Mae. Rtg: AA TP. Qual: AH-1S. Time: 1,300 Hrs.

VAN ETLEN, Ben A. Jr., (CW3) (M86) B Co, 815th Aviation, APO NY 09165. Dy: 322-7536. Res: 06188-7422. S: Linda. Dy: UH-1 & OH-58 MTFE, Hansau. FRG. Rtg: MAA TP. Maint Crs: UH-1 CH-54. Saf Crs: Mil Cvt. Time: 11,700 Hrs./Cbt 980 Grad: Jun 63. DFC1, AM/26 VZ.

VAN KEUREN, Nathan B., (CW4) (M84) (Nate) A Company, 4229th AHR, Box G-3, APO NY 09140. S: Karen. Dy: Co Maint Otr. A Co, 4-229 Avn Regt. AA TP. Qual: AH-1S AH-64A. Time: 3,500 Hrs./Cbt 700 Grad: Apr 70. DFC1/AM/27.

VAN RIPER, George J., (CW3) (M84) 607 Sun Meadow Drive, Harker Heights, TX 76543. Dy: (817) 287-2243. Res: (817) 698-3895. S: Erica. Dy: Maint Test Pilot, Co 1 CO 159th Avn Regt. Ft. Hood. Rtg: SAA TP. Maint Crs: UH-60, UH-1. Qual: UH-60A. Time: 1,800 Hrs. Grad: Dec 79.

VALLJIN, William G., (CW2) (M85) (Bill) Rtg 3, Box 106, Valley View Drive, Enterprise AL 36330. Dy: (205) 255-6008. Res: (205) 347-4123. S: Judy. Dy: IP: A Co, 1-14th ATB, Ft. Rucker. Rtg: AA IP. Maint Crs: AH-1. Qual: AH-1S. Time: 736 Hrs. Grad: Nov 84.

VERPLANK, Ritchie M., (CW2) (M89) (Rich) C Troop, 34 Cavalry, Box 116, APO NY 09072. Dy: ETS 354-6267. Dy: Aviator, Schweintrit FRG. Rtg: AA. Qual: AH-1S. Time: 600 Hrs. Grad: May 86.

VETTER, Klaus L., (CW4) (M71) PSC 1, Box 3500 General Delivery, MacDill AFB, FL 33608-5000. S: Charlotte. Dy: Spec Ops Cmd, MacDill AFB. Rtg: MAA. Maint Crs: FW. Saf Crs: Mil. Qual: AH-1S. Time: 5,700 Hrs.

VINES, Dumas J. Jr., (CW3) (M85) (Jim) 3 Sumnerbrook Court, Columbus, GA 31909. Dy: (404) 545-2425. Res: (404) 568-0196. S: Deborah. Dy: Installation Avn Safety Officer, DPTM, Aviation Division, Ft. Benning. Rtg: SAA. Qual: UH-60A.

U The 1989 Who's Who in AWO Aviation

Time: 2,200 Hrs. Grad: Jul 80.

VOIGT, Richard L., (CW4) (M77) A Company, 23 Avn Regt, Box 70, APO NY 09182. Dy: 352-7339. Res: 09394-1435. S: Renate. Dy: Stry Otr, Giesstad. Rtg: MAA. Saf Crs: Mil. Qual: AH-1S. Time: 6,900 Hrs./Cbt 1,200 Grad: Sep 70. AM/20.

WWW

WADE, John A., (WO1) (M87) (Brit) B Co, 34 Aviation, Box 1003, APO NY 09185. S: Carolyn. Dy: AH-1 Pilot, Finthen AAF, Mainz, FRG. Rtg: AA. Qual: AH-1S. Time: 500 Hrs. Grad: Aug 87.

WADE, William D., (CW4) (M83) (Bill) 4045 Bowsprit Lane, Colorado Springs, CO 80918. Res: (719) 598-1740. S: Beth. Dy: 4th Avn Bde, Fort Carson. Rtg: MAA. Saf Crs: Mil. Time: 4,000 Hrs. Grad: Feb 72. Past VP, Pikes Peak Chapter.

WAGNER, Randy D., (CW4) (M78) HHC, VII Corps, Box 372, APO New York 09107. S: Sharon. Dy: Stry Otr, VII Corps, Stuttgart, FRG. Rtg: MAA. Saf Crs: Mil Cvt. Qual: AH-1S. Time: 3,000 Hrs./Cbt 900 Past Sec, Mid-America Chap.

WAGONER, Thomas F., (CW4) (M85) 9 Bassett Street, Fort Bragg, NC 28307. Dy: (919) 396-1625. Res: (919) 435-4385. S: Patricia. Dy: HHT 1/17 Cav. Ft. Bragg. Rtg: AA IFE. Qual: UH-60A. Time: 4,000 Hrs./Cbt 650 Grad: Jun 85. AM/14. Treas, Fort Bragg Chapter.

WALLACE, Dennis D., (CW3) (M79) C Co, 7-158th Avn Regt, APO NY 09457. S: Elizabeth. Rtg: SAA IP. Qual: UH-60A. Time: 4,500 Hrs.

WALLICK, Christopher, (WO1) (M89) (Paladin) 1956 F Street, No. 3, Lincoln, NE 68508. Res: (402) 474-0257. Dy: C Troop, 1/167 Cavalry Rgt. AA. Qual: AH-1S. Time: 350 Hrs. Grad: Apr 89.

WALSH, Joseph, (CW3) (M78) 415 Hawkins Road, Clarksville, TN 37040. Dy: 635-4557. S: Marilyn. Dy: 3-159, Ft. Campbell, Rtg: SAA IFE SIF. Time: 4,200 Hrs. Grad: Apr 78.

WALSINGHAM, Joseph R., (CW2) (M83) (Joe) G Co, 4th Avn Regt., APO NY 09111. Dy: ETS 490-6049. Res: 0671-68464. S: Ladonna C. Dy: OH-58 A/C IP. Rtg: AA IP. Time: 1,900 Hrs. Grad: Oct 83.

WALTERS, Mark L., (CW2) (M82) HHC 4/159th Avn Regt., Box 404, APO NY 09359. Dy: 0711/729-4236. S: Cheryl. Dy: FW Aviator, C-12U-21, Stuttgart, FRG. Rtg: SAA IP. Maint Crs: OH-58. Time: 2,900 Hrs. Grad: Feb 82.

WALTZ, Gregory A., (CW4) (M86) 4569 Glennwood Drive, Evans, GA 30809. Dy: (404) 998-8277. Res: (404) 860-1019. S: Martha. Dy: Avn Det, Ft. Gordon. Rtg: MAA IFE SIF. Time: 9,100 Hrs./Cbt 2,300 Grad: Nov 66. AM/55.

WARD, Harry R., (CW4) (M69) (Buz) 110 Bullock, New Llano, LA 71461-9762. Dy: (318) 535-7101. Res: (318) 238-3163. S: Patricia. Dy: Installation Stdm Otr, Ft. Polk. Rtg: MAA IFE SIF. Time: 6,000 Hrs./Cbt 863 Grad: Jan 69. VP, Wings Of The Devil Chapter.

WARD, Robert A., (CW2) (M87) (Bob) O Troop, 4/11 ACR, APO NY 09148. Dy: 066186-688. Dy: 4/11 ACR, 4/11 Avn Cav Regt, Fulda, FRG. Rtg: AA IP. Maint Crs: OH-58. Time: 2,500 Hr. Grad: Sep 82.

WARDEN, John S., (CW4) (M86) (Scotty) CH47 FS, Facility, APO New York 09028. Dy: 382-5389.

Res: 06211-734625. Dy: Otr in Charge, Mannheim FRG. Rtg: MAA SIF IFE. Qual: CH-47. Time: 5,570 Hrs./Cbt 682 Grad: Mar 70.

WIARGOWSKY, Robert L., (CW2) (M88) (Bob) S Troop, 4/11 ACR, APO NY 09146. Dy: 3213-588. S: Catherine. Dy: UH-60 IP, Fulda FRG. Rtg: AA IP. Qual: UH-60A. Time: 1,850 Hrs. Grad: Apr 83.

WATSON, John N., (CW2) (M89) 101 Palisade Drive, Enterprise, AL 36330. Dy: (205) 255-4512. Res: (205) 347-7427. S: Lonetta. Dy: Aviator HHC ATB, Ft. Rucker. Rtg: AA ASO. Qual: AH-1S AH-64A. Time: 1,018 Hrs. Grad: Nov 83. AM/18.

WEBB, William C., (CW2) (M86) (Bill) 100 Wells, Daleville, AL 36322. Dy: (205) 255-6008. Res: (205) 598-3502. S: Judy. Dy: IP: A Co, 1/14th Avn Regt. AA IP. Qual: AH-1S. Time: 1,600 Hrs. Grad: Dec 82.

WEEKS, Joseph A., (WO3) (M89) (Joe) Route 2, Box 50, Tupelo, MS 38801. Dy: (205) 255-2810. Res: (801) 842-7147. Dy: OH-6 Aeroscout Detail C, 1st Cav Div, 155th Armcd Bde, Rgt. AA. Maint Crs: UH-1. Time: 250 Hrs. Grad: Dec 88.

WELDA, Joe L., (CW4) (M81) 56th Avn Co, APO NY 09028. Dy: 382/4175-5159. Res: 0621/732-3908. S: Jo Lynn. Dy: Fixed Wing IP, 56th Avn Co, FRG. Rtg: SAA SIF. Time: 4,000 Hrs.

WHEELER, Charles D., (CW4) (M70) 194 Ruidel-Long, Chaston, Wv 25311. Dy: (304) 341-6368. Res: (304) 342-4274. S: Karen. Dy: Hd WV STARC. Rtg: SAA. Time: 2,404 Hrs. Grad: Jun 71.

WHEELER, Michael E., (CW4) (M71) Box 242, 11th Avn Brigade, APO NY 09140. Dy: 049/9841-83780. Res: 049/9841-8642. Dy: RW Aviator, Ilesheim, FRG. Rtg: SAA IP. Maint Crs: UH-1 CH-47 OH-58. Time: 4,000 Hrs./Cbt 1,000 Grad: May 71. AM/10. Past VP, Schwesblich Hall Chap.

WHITE, Dennis E., (CW4) (M73) RR 1, Box 1458 Troy, IL 62294. Dy: (618) 452-4580. Res: (618) 667-3930. S: Sandra. Dy: AUSCOM Avn Safety Otr. Rtg: MAA. Saf Crs: Mil. Qual: AH-1S. Time: 4,900 Hrs./Cbt 735 Grad: Oct 71. DFC2 AM/31.

WHITE, Frank E., (CW4) (M81) B Co, 2nd Mil Bn, Box 267, APO NY 09359-0518. Dy: ETS 421-4245. Res: 07157-9986. S: Karen. Dy: RC121D IP, Stuttgart, Rtg: MAA IP TP. Time: 5,550 Hrs./Cbt 350 Grad: Jun 70. AM/10.

WHITE, Kevin M., (CW3) (M89) (Groucho) A Co., 1st Mil Bn (AE), APO NY 09457. Dy: ETS 337-5219. Res: 06134-23491. S: Wendt. Dy: Mohawk Pilot, Wiesbaden AB. Rtg: SAA IP. Maint Crs: UH-1. Time: 2,200 Hrs. Grad: Mar 80.

WHITEHILL, William H., (CW4) (M81) (Bill) 901 Hurst Dr, Hopkinsville, KY 42240. Dy: A/635-7236. S: Jana. Dy: C-7101st, Ft. Campbell, Rtg: MAA IFE IP. Maint Crs: CH-47. Saf Crs: Mil. Qual: CH-47D. Time: 7500 Hrs/Cbt 1120 Grad: Dec 89. AM/37.

WHITFIELD, Robert E., (WO1) (M88) 41A Village Hgts, Enterprise, AL 36330. Dy: (205) 255-6591. Res: (205) 347-4775. Dy: Student Pilot, Ft. A Co, 1-13 Avn, Ft. Rucker. Rtg: AA. Maint Crs: AH-1.

WHITLATCH, David P., (CW2) (M82) 5005 Highway 39, Klamath Falls, OR 97603. S: Cheryl. Dy: C Co, USMI Bn, Orlando, FL. Rtg: AA IP. Time: 2,000 Hrs. Grad: Jun 82.

WHITTINGTON, William H., (CW3) (M89) (Indiana Jones) 5607-1 Lockridge Loop, Fort Hood, TX 76544. Dy: (817) 287-7581. Res: (817) 539-5788. S: Sarah. Dy: IP, 175th AC Regt. AA SIF IP. Maint Crs: UH-1. Time: 2,600 Hrs.

WIGINGTON, Douglas D., (CW4) (M87) (Doug) 323 Chickasaw Road, Enterprise, AL 36330-3653. Dy: (205) 255-2412. Res: (205) 347-3533. S: Chyko. Dy: OH-58 SIF, A Co, 2/229 Avn Regt, Ft.

Rucker Rtg: AA/SIP Time: 4,300 Hrs. Grad: Apr 74

WILCHER, Dale R., Sr. (CW2) (M83) 609 Granger Lane, Clarksville, TN 37042. Dy: (615) 798-3355. Res: (615) 647-4845. S: Ruth, Dy: B Co, 3/159th Rtg. AA. Maint Csr: UH-1. Time: 1,600 Hrs. Grad: Jun 83. DFC1, AM10.

WILKINSON, Byron M., (CW4) (M84) (Wilk) 221 Bastogne, Fort Ord, CA 93941. Dy: (408) 242-5405. Res: (408) 899-2978. S: Marykern. Dir: Avn Safety Tech 1-123 Avn, Ft. Ord. Rtg: MAJ SIP. Saf Csr: Mil. Qual: U-21, C-12, AH-1E. Time: 6,515 Hrs./Cbt 1,020 Grad: Aug 69. DFC4 AM V3.

WILLETT, Larry D., (CW3) (M85) 78th Avn Bn, Box 83, APO SF 96343-0084. Dy: 233-5627/265S. Nancy, Dy: UH-1 SIP Camp Zama, Japan. Rtg: MAJ SIP. Qual: UH-60A. Time: 5,680 Hrs./Cbt 650 Grad: Apr 69. DFC1 AM/14.

WILLIAMS, David A., (CW2) (M88) Rt 3, Box 908 Decker, LA 70534. Dy: (318) 535-7842. Res: (318) 463-8306. S: Eleanor. Dy: Shops Ofc. F Co, 5th Avn Rgt, Ft. Polk. Rtg: AA. Time: 2,500 Hrs. AM2.

WILLIAMS, Patrick L., (CW2) (M86) (Pat) G Co, 4th Aviation Regiment, APO NY 09111. S: Penny. Dy: G Co, 4th Avn Rgt 8th ID, FRG. Rtg: AA. Qual: OH-58D. Time: 2,000 Hrs. Grad: Sep 84.

WILLIAMS, Paul F., (CW2) (M88) 4900 Roundrock, El Paso, TX 79924. Dy: (915) 588-8853. Res: (915) 562-0138. S: Faye. Dy: S Tpt, 43 ACR. Rtg: AA. Maint Csr: UH-1. Time: 700 Hrs.

WILLIAMS, Ronny G., (CW3) (M83) 514 Nashboro Rd, Clarksville, TN 37042. Dy: (502) 798-3115. S: Janet. Dy: Avn Maint Tech, Ft Campbell. Rtg: AA.

WILLINGHAM, John M., (CW4) (M74) (Doc) A Co 24 Avn Rgt, APO NY 09185. Dy: 06131469-773 Res: 0613550093 S: Brenda Dy: Finthen AAF/FRG Maint TP & AH-1 Pil Ldr. Rtg: MAJ IP TP. Maint Csr: AH-1 OH-58. Qual: AH-1S. Time: 3,800 Hrs./Cbt 600 Grad: Jun 70. AM/12. VP, Mainz Chap.

WILLS, Randall C., (CW4) (M86) (Randy) A Co, 1st MI Bn (AE), APO NY 09457. Dy: AV 337-5990. Res: 06121556-2213. S: Rebecca. Dy: SI/PIE A Co, 1st MI Bn, Wiesbaden AB, FRG. Rtg: MAJ SIP IFE. Time: 7,200 Hrs./Cbt 1,104 Qual: OVRN-1 C-12 U-21. Grad: Jun 69. DFC1 AM/33.

WILSON, John H., (CW3) (M77) (Jack) A Co.



The 1989 Who's Who in AWO Aviation

1/501st Avn Regt., APO SF 96301. Dy: 741-6334. Rtg: AA. Maint Csr: UH-1, U-21, RU-21, C-12. Time: 4,000 Hrs. Grad: Aug 77.

WILSON, Mark C., (WOC) (M89) 100 A.M. Windham Dr Apt. 701, Daleville, AL 36322. Dy: (205) 255-6591. Res: (205) 598-6338. S: Hanna. Dy: B1-145 Avn, Ft. Rucker Rtg: AA. Time: 110 Hrs.

WILSON, Ronald H., (WO1) (M89) 86 Red Cloud Rd, Fort Rucker, AL 36362. Dy: (205) 255-3741. Res: (205) 598-3810. S: Jill. Dy: B Co, 2-229 Avn Rgt. Rtg: AA. Qual: AH-64A. Time: 300 Hrs.

WILSON, William D., (CW3) (M86) (Dave) HHC 1750th Avn Rgt, Box 315, APO NY 09061. S: Gall. Dy: Maint Test Pilot/Evaluator UH-1. Rtg: AA.

WINELAND, Jeffrey A., (CW3) (M87) (Pat) End 576-2 Wainwright Dr, Ft Hood, TX 78544. Dy: (817) 539-4531. S: Chris. Dy: Aik Hcpr Pilot, ATB 2-1. Rtg: AA. Qual: AH-1S AH-64. Time: 1,260 Hr.

WISE, James F., (CW4) (M74) (Jim) Co G, Quick Fix, 4th Aviation Brigade, APO NY 09185-2381. Dy: ETS 334-3888. S: Julia. Dy: EH-60A/Quickfix IP/Bde Stzm Ofc. Mainz, FRG. Rtg: MAJ IFE. SIP. Qual: UH-60A. Time: 4,200 Hrs./Cbt 365 Grad: Nov 70. AMR Post VP, Air Assault Chapter

WITTGES, Chas E., (CW2) (M85) (Redcatcher) 15 P St, 4th Sgdn/2d ACR, Box 10242, APO NY 09092. S: Joe Ann. Dy: AH-1 UT & Sgdn Sr Border UT, 2d ACR, Feucht AAF, FRG. Rtg: AA. Qual: AH-1S. Time: 1,410 Hrs. Grad: Jan 86.

WOJNIA, Thomas J., (CW2) (M85) A Company, 3-501 Avn Regiment, Box 168, APO SF 96271. Dy: AV 753-7418. S: Felicia. Dy: AH-1 MTP, Camri, Humphreys, Korea. TP: AA TP. Maint Csr: AH-1. Qual: AH-1S. Time: 700 Hrs. Grad: Aug 85.

WOODBURY, Aiden D., (CW2) (M82) (Woody) A Company, 1/228th Regiment, APO Miami 34006. S: Barbara. Dy: A Co, 1/228th Avn Rgt, Ft. Kobbe, Panama. Rtg: AA. Qual: UH-60A. Time: 2,000 Hrs. Grad: Nov 82.

WORSTELL, Barry A., (CW2) (M89) (Bar) 19 Donovan Lane, Fort Rucker, AL 36362. Dy: (205) 255-3233. Res: (205) 598-3789. S: Maria. Dy: Aerocout IP, E-14 Avn Rgt, ATB. Rtg: SAA SIP. Time: 2,500 Hrs. Grad: Jul 82.

WRIGHT, Charlie L., (CW2) (M84) 21013 SW 103 Avenue, Miami, FL 33189. Res: (305) 233-7204. S: Nancy. Dy: I.R.R. Rtg: MAJ IFE IP. Maint Csr: CH-47. Saf Csr: Civ. Mil. Qual: CH-47D. Time: 15,000 Hrs./Cbt 534 Grad: Nov 62. AM/5.

WRIGHT, John David, (CW3) (M79) (JW) G Tpt, 4711 RCAS, APO NY 09148. Dy: Platoon Leader, Black Horse, Fulda, FRG. Rtg: AA IFE. Qual: AH-1S. Time: 3,100 Hrs. Grad: May 78.

WRIGHT, William D., (CW3) (M89) (Don) 601 Anter Drive, Enterprise, AL 36330. Dy: (205) 255-3223. Res: (205) 347-3244. Dy: OH-58 IP E Co, 1-14th ATB, Ft. Rucker. Rtg: SAA IP. Saf Csr: Mil. Time: 6,800 Hrs. Grad: Mar 74.

YATES, Robert L., (CW3) (M85) (Bob) HHC, 1st ID, APO NY 09137. Dy: 425/307/3451. Res: 07/161-8758. S: Linda. Dy: Standardization Ofc. Rtg: SAA SIP. Time: 3,300 Hrs. Grad: Jul 80.

YOCHUM, Philip T., (WOC) (M89) (Smoke "Em") CMR 2, Box C-12256, Fort Rucker, AL 36362. Dy: (205) 255-4006. Res: (404) 988-5635. Dy: C1-145 Avn, Ft. Rucker. Rtg: AA. Qual: AH-1S. Time: 257 Hrs. Grad: Oct 89.

YOUNG, Randolph G., (CW4) (M87) (Randy) HHC, 12th Avn Bde, APO NY 09457. S: Sue. Dy: HHC, 12th Avn Bde, Wiesbaden, FRG. Rtg: MAJ SIP. Time: 4,910 Hrs./Cbt 481 Grad: Nov 69. AM.

ZARNOWSKI, Timothy, (CW2) (M85) (Zeke) 1955 Memorial Drive, Apt. H-65, Clarksville, TN 37043. Dy: (615) 798-2781. Res: (615) 648-1238. S: Kim. Dy: AH-64 IP, B Co, 1-101 Avn Rgt, Ft. Campbell. Rtg: AA IP. Qual: AH-1S AH-64A. Time: 1,341 Hrs. Grad: Dec 83. DFC1 AM/3.

ZIMMERMAN, John M., (CW3) (M86) (Zimmo) 68 Sandra Drive, Newport News, VA 23602. Dy: (804) 878-3721. Res: (804) 877-6704. S: Joyce. Dy: Maint TP Inst, Ft. Eustis. Rtg: SAA IP TP. Saf Csr: Mil. Time: 1,650 Hrs. Grad: Sep 80.

ZOBRIEST, Frederick L., (WOC) (M89) (Z Man) CMR 2, Box 12015, Fort Rucker, AL 36362. Dy: B Co, 1-145 Avn. Rtg: AA.

AWD HIGH TIMERS (Cont. from page 42)

CW4 Harry R. Ward.....	6,000
CW4 Laurence L. Snyder.....	6,000
CW4 Robert J. Monette.....	6,000
CW4 James N. Messinger.....	6,000
CW4 Bernard E. Reth, III.....	6,000
CW4 Stephen J. Hovis.....	6,000
CW4 Jeff D. Alley, Jr.....	6,000
CW4 Lawrence A. Boggs.....	6,000
CW4 Clifford L. Brown.....	6,000
CW4 John N. Dahmer.....	5,910
CW4 Earle C. Irwin.....	5,900
CW3 Charles Blankinship.....	5,900
CW4 Robert A. Scott.....	5,800
CW4 Peter D. Maskunas.....	5,800
CW4 Lawrence D. Davidian.....	5,800
CW4 Clifford L. McGee.....	5,738
CW4 Klaus L. Vitor.....	5,700
CW4 Darrell C. Pope.....	5,700

CW4 Robert J. Hawkins.....	5,700
CW4 Walter W. Gutsche.....	5,700
CW4 Anthony W. Adams.....	5,700
CW4 Robert R. Fladry.....	5,700
CW3 Larry D. Willett.....	5,680
CW4 William H. Ramsay.....	5,600
CW4 Anthony G. Kraay.....	5,600
CW4 John S. Warden.....	5,570
CW4 Frank E. White.....	5,550
CW4 Dale W. Tate.....	5,500
CW3 Edward W. Simko.....	5,500
CW4 Merlyn R. Mellegaard.....	5,500
CW3 Richard R. Klemm.....	5,500
CW4 Reid D. Feltmate.....	5,500
CW4 Richard E. Brown.....	5,500
CW4 David B. Dahlstrom.....	5,500
CW4 Jack H. Dotterer.....	5,500
CW4 George R. Schofield.....	5,450
CW4 Stanley P. Felix.....	5,430
CW4 Eddie J. Hill.....	5,400
CW4 John E. Cattilini.....	5,400

CW4 John D. McWaters.....	5,380
CW4 Raul W. Smith.....	5,300
CW4 Robert S. Kaylor.....	5,300
MW4 Dennis X. McCormack.....	5,250
CW4 Michael E. Rawlinson.....	5,200
CW4 Robert D. Gardner.....	5,200
CW4 Don S. Gunning.....	5,200
CW4 Joseph A. Beckham.....	5,200
CW4 Douglas K. Brantley.....	5,200
CW4 Lee M. Robinson.....	5,100
CW4 David C. Harmon.....	5,005
CW4 David M. Taylor.....	5,000
CW4 Thomas M. McKissack.....	5,000
CW3 Mark E. Peters.....	5,000
CW4 Howard L. Rapp.....	5,000
CW4 Walter F. Herd.....	5,000
CW4 Keith S. Broerne.....	5,000
CW3 Albert J. Finocchiaro.....	5,000
CW4 Ronald E. Burgess.....	5,000
CW4 James T. Dent.....	5,000
CW4 Troy L. Duplessis, Jr.....	5,000

Scout - cont. from p. 20

The advantages of the OH-58D as the partner to the AH-64 are numerous. High visibility exercises such as REFORGER 87, and the National Training Center (NTC) have proven the successful integration of the OH-58D and the AH-64. OH-58D crews at the NTC were able to track and identify threat vehicles more than 10km away. The capabilities of the mast mounted sight made the OH-58D the only helicopter during REFORGER 87 to laser designate targets for the AH-64, and remain masked by the terrain.

Mast-Mounted Sight

The mast-mounted sight (OH-58D's eyeball) is a combination TV camera, thermal imaging sensor, boresight system, and laser rangefinder/designator. The "D" model's laser designator supplies energy on target for the AH-64s to capitalize on their maximum standoff range. The visionics and laser capabilities of the OH-58D are critical for the overall success of the AH-64. The use of the laser designator is also effective for precision guided munitions like the laser-seeking Copperhead artillery round. During Joint Air Attack Team (JAAT) operations, the OH-58Ds can precisely designate targets for A-10s equipped with Pave Penny Radar.

The OH-58D's Airborne Target Handover System (ATHS) works extremely well with the Field Artillery, Air Force, and the AH-64 when equipped with a compatible system. Simply stated, the ATHS greatly decreases engagement times through digital transmissions.

As you can see, the OH-58D's

reliable technology possesses many attack applications, but let us also consider a weapons package for the scout. Why should the scout in an ATKHB be armed and if so, with what?

Arm the scouts for self defense and the air-to-air role!

tactical point of view, unarmed scouts tie up attack helicopters for their own protection.

Returning to the issue of scouts going cross FLOT, I believe the armed OH-58D can go the distance. With the OH-58D's precision navigation equip-

“Crews saw their own .50 caliber fire at night without tracer rounds out to 2,000 meters through the thermal imaging system.”

The scout aircraft is responsible for a variety of missions where he is alone, or with other scouts without gun support. These missions consist of clearing attack routes, holding areas, battle positions, performing different types of reconnaissance, and other essential missions.

The weapons package should consist of one that provides immediate suppression. A possible solution is a seven-shot 70 mm rocket pod, and a .50 caliber machine gun. It was noted in testing at Fort Hood last November and December, that crews saw their own .50 caliber fire at night without tracer rounds out to 2,000 meters through the thermal imaging system. This weapons combination proved very effective for an area and immediate suppression weapons package.

Air to Air Stinger

The Air-to-Air Stinger (ATAS) satisfies the critical need for a near-term capability in an ATKHB. Arming the OH-58C and OH-58D with ATAS will occur sometime in FY89. The mounts for the STINGER are universal, thus allowing the installation of other weapons systems. From a

ment, powerful performance (including forward airspeed of 119 knots), ATAS, and more importantly the ability to acquire and designate targets, the OH-58D is the scout for the cross-FLOT mission. Furthermore, the UHF secure radio provides accurate intelligence to the rear, which is the key to success on the cross-FLOT mission.

The OH-58D continues to operate in support of field artillery units, and as a temporary scout in the air cavalry role pending fielding of the LHX. Whether the OH-58D will replace the OH-58C in the ATKHB is still in question.

It is clearly evident the armed OH-58D with advanced sensors, improved performance, and weapons platform qualifies as the premier scout. With the armed OH-58D, we can see the battlefield better than before; we can engage targets day and night with the AH-64 at maximum stand-off range from masked positions, and defend ourselves.

The AH-64 is the most advanced attack helicopter in the world, and to fully maximize its awesome potential, the armed OH-58D must be its partner in the scout/attack team. ■■■■

Letter - cont. from p. 25

dividual career goals and future Army needs. Even worse, you may prematurely end the career of an outstanding Aviation Officer. Decisions you make to fix short term personnel problems may have long term, negative consequences for the individual officer and for the Army. An example is a commander who refuses to release an outstanding officer who has met branch qualification criteria for an important functional area or joint assignment. The reverse is also true, but that happens less often.

Second, you must understand the importance of the senior rater profile and the center of mass concept. Pay attention — we in aviation are eating our young! Many of our senior raters are making it difficult for aviation assignment officers to select the best officer for the right job.

Many profiles make identifying the best qualified officer nothing more than a guessing game. What is worse, many

senior officers are making it impossible for boards to select the best qualified officer for promotion, school or command. The center of mass concept gives the senior rater the power to give a boost to his very best officers. An analysis of the last Captains promotion board results revealed that a large number of nonselects had OERs with profiles that lacked clarity, were carelessly managed or showed "gamesmanship". The lower half of a dual box center of mass appeared to be interpreted as a weaker officer. The message is that a clear single box center of mass is the easiest to interpret.

There are too many senior raters who do not understand this and are not making their votes count. The disservice is done to the quality officer, who is in a key position and the selection board cannot determine how well he or she has done. I just reviewed the files of over 600 officers going before the Lieutenant Colonel promotion board and I found this to be true in an alarming number of

cases. I urge you all to read and study the sixth edition of the Officer Evaluation Guide and the 1989 Senior Rater Update. Both documents are published by PERSCOM and should be available at your local Personnel Service Office.

This is the first in what I hope will be a series of informative letters and articles aimed at helping us all do a better job of developing the future leaders of the Army. Please be on the lookout for the Aviation Branch Newsletter due out in September. We will be mailing it to all Brigade and Battalion Commanders.

Total Army Personnel Command (PERSCOM) Aviation Assignment Branch Officers:

Aviation Assignment Branch Chief:

LTC(P) Michael D. Dallas,
AV 221-0794;

LTC Assignments:

MAJ Wayne D. Davis
MAJ Keith Stafford,
AV 221-0794;

Major Assignments:

MAJ Frank Prindle
MAJ Allen Baker,
AV 221-7822;

Company Grade Assignments:

MAJ Beth Garrity
CPT Jeff White,
AV 221-9366

&

CPT Mark Kulungowski,
AV 221-0433;

Accession Assignments:

Ms. Brenda Twyford,
AV 221-0433.

IIII

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Fort Rucker, Alabama

Living — cont. from p. 12

port of the 101st Airborne Division and current plans are to have Air-to-Air STINGER missiles installed on the unit's OH-58C aircraft this fall. Additionally, future testing will include participation in the ATAC II (Air-to-Air Combat II) testing and the AIRNET simulation program designed to provide realistic combined arms tactical exercise scenarios for company and battalion-sized organizations.

Although our unit may be far removed from the tactical mainstream of continuous training, we consider ourselves lucky to be on the forefront of doctrinal development and verification as well as being able to maintain our tactical edge with the 101st Airborne Division — "the best of both worlds." The Aviation Center has become a special place for us to sharply hone our new skills. ■■■■

Eagles — cont. from p. 23

APFT scores, pistol qualification scores, and AH-64 flight evaluations.

The battalion also has a Headquarters and Service Company and an Aviation Maintenance Company (D Co). These critical units of the battalion developed programs of their own similar to Top Gun for POL and armament specialists.

The battalions' Class III & V platoon successfully employed its new Heavy Expanded Mobility Tactical Truck tankers to support the attack companies' aircrews. An innovative drive-through Forward Area Rearming/Refueling Point (FARRP) system was found to be the quickest and safest way to refuel AH-64s for fast turnaround. The battalion's three UH-60 BLACK HAWK aircraft,

also new to the battalion, began a tough period of training with ANVIS-6 Night Vision Goggles. These BLACK HAWKS would later prove invaluable for command and control, resupply, and combat support during the ARTEP.

How To Fight

The commanders and staff used nights not spent flying to refine unit SOPs and conduct how-to-fight seminars. These highly productive Officer Professional Development sessions developed effective battle drills that became the building blocks for larger, more complex operations. The attack companies followed daylight practice and rehearsal with night execution under PNVs and NVGs. Each mission was debriefed before aircrews headed for the barracks.

Productive Field Training

The battalion conducted two productive field problems with the companies being evaluated by the battalion commander and his staff. This gave all elements in the battalion valuable feedback prior to the ARTEP.

Individual and crew gunnery were also conducted. All weapons systems on the APACHE were used, with HELLFIRE engagements done with the M36 training guided missile and active seeker head. New, accurate scoring devices in use at Fort Hood gave aircrews immediate feedback on engagements. The battalion's APACHE crews completed day and night gunnery against realistic target arrays, serving as a confidence builder for crews and preparing them for a combined arms live fire during Joint Air Attack Team (JAAT) Week.

\$33,000 Men

JAAT Week saw all three attack companies engaging realistic armor targets. Scouts called in close air support and artillery. APACHES fired 30mm and 2.75 inch rockets in coordinated attacks.

On three separate days, each company's Top Gun crew fired its live HELLFIRE missile. Each company was allowed only one live HELLFIRE — due to its \$33,000 price tag. Each company fired its missile in a different mode, demonstrating the versatility of the HELLFIRE.

A Company conducted an autonomous night shot from a single AH-64. B Company launched its missile using a ground laser designator (GLD) from a 101st DIVARTY Colt Team. C Company used two APACHES to perform a remote shot at maximum offset. All HELLFIRE shots resulted in direct hits.

Battalion ARTEP

Following JAAT Week, the battalion finished final preparations for its ARTEP. The ARTEP was conducted using evaluators from 1-3 Attack Helicopter Battalion, an AH-64 battalion from the 2d Armored Division at Fort Hood. All operating systems of the 1st Battalion, 101st Aviation Regiment were put to the test.

From deliberate deep attacks to no-notice downed aircrew recovery missions, the battalion excelled in every area, a credit to the unit training program designed and run by the APACHE Training Brigade. The battalion graduated a combat-ready AH-64 unit, and stands ready to deploy worldwide anytime, anywhere, with the world's only Air Assault Division.

EXPECT NO MERCY! ■■■■

Caring - cont. from p. 14

deploy to Ft. Carson to provide the Division the best possible armor destruction capability.

2nd Sqdn, 7th US Cav Regt

The eyes and ears of the Division are the 2d Squadron, 7th Cavalry Regiment commanded until recently by LTC Daniel J. Cox, Jr. and CSM Joseph R. John. 2-7 Cav is organized with two ground troops, two air troops, and an HHT. Not only does 2-7 lead the Division in order of march, it leads the Division in maintenance. LTC Cox captured an astounding two consecutive Division Maintenance Awards for Excellence in FY87 and FY88.

How do you top this achievement? 2-7 Cav did as the runner-up for the FORSCOM Maintenance Award for Excellence in the same years. These awards come under the Chief of Staff, Maintenance Award for Excellence (Heavy Category) competition.

Having mastered the reconnaissance role, the crews, equipped with AH-1Es, have worked closely with 1-4 Avn and can fly the attack role when called upon to do so. The Squadron participates in all NTC rotations and proved their attack capabilities by deploying and fighting the June 1988 NTC rotation.

This success at NTC is amplified when one realizes Task Force Cav staff consisted of two aviators, one in flight operations and one Liaison Office (LNO) to the maneuver brigade. The ability to fight an aviation task force with primarily Armor officers is attributed to the habitual training relationship between the air and ground troops. In all training exercises, a ground troop trains with an air troop. This allows the

ground officers to learn the tactics of the air troops and the aviation officers to better understand the ground commander's plan and ground tactics.

2-7 Cav completed its ARTEP March 1989. The ARTEP was an extreme success evidenced by the evaluation report which lauded the Squadron's "discipline, leadership, morale, flexibility, agility, and responsiveness." The Squadron was also commended for its fire support, maintenance, and logistics. A goal 2-7 Cav is working toward is to deploy to the NTC in total and function in the designated Cavalry role. Command of the 2-7 has just been assumed by LTC Fred Treyz and CSM Donald F. Kirkpatrick.

Task Force 4-4

The most diverse battalion in the Brigade is Task Force 4-4. Commanded by LTC Ronald L. Rice and 1SG Samuel W. Atkins, TF 4-4 is made up of D Co (GSAC), E Co (CSAC), A Co, 2/158 Avn Regt, and 3d Platoon (ATC), A Co, 2/58 Avn Regt. Providing aviation support to the Division falls squarely on the shoulders of TF 4-4, and the battalion responds.

There are four to six Divisional deployments a year, and the battalion does not miss one. The newest members of TF 4-4 are the six OH-58D aircraft comprising the target acquisition and reconnaissance platoon of D Co.

E Co recently completed FORSCOM support in BRIM FROST '89 where two UH-1 crews were credited with saving the lives of two civilians who had been trapped in the extreme Alaskan environment overnight. The lift power of the Division lies with the eight CH-47D aircraft in A Co. Soon after fielding the D

models, A Co was tested by providing support in fighting fires in Yellowstone and Montana. A Co is responsible for Search and Rescue activities for the states of Colorado, New Mexico, Wyoming, Montana, Utah, North Dakota, and South Dakota. In CY88, the CH-47 crews are credited with six Colorado saves on SAR missions.

F Co, 4th Aviation Brigade

F Co (AVIM) provides the intermediate maintenance capability to the Brigade. Commanded by MAJ Timothy P. Considine and 1SG Raymon H. Garcia, F Co is the largest company in the Brigade with 216 soldiers. F Co's technical expertise is provided for UH-1, OH-58 "Super-A," OH-58C, OH-58D, AH-1E, and AH-1 Production model aircraft. The unit supports all NTC rotations and just conducted an ARTEP.

Strong NCO leadership like that of SGT Jerome Cann, 4th Division's Soldier of the Year in 1988, has helped F Co achieve the Division Maintenance Honor Roll status for the past 16 consecutive months. The unit has a strong family support program which fosters unit cohesiveness through regular organization days, family days, and an organized sports/recreation program. The unit is working hard towards its goal to win the AAAA unit of the year award.

The Iron Eagle Brigade eagerly looks to the future of Army Aviation. With CH-47Ds and OH-58Ds already integrated and AH-64s and UH-60s on the horizon, the skies over the Mountain Post will be filled with powerful, lethal aircraft. "Tough Caring" will guide our soldiers to attain the goals of Training, Maintaining, Caring, and Discipline. IIIII

MAILBOX

Share your opinion on matters of interest to the Army Aviation Community. The Publisher reserves the right to edit letters for style, accuracy or space limitations. All letters must be signed and authors identified. The publisher will withhold the author's name upon request. The opinions expressed are those of the authors, and do not reflect the opinion of ARMY AVIATION MAGAZINE. Send letters to: AAAA MAILBOX, 49 Richmondville Avenue, Westport, CT, 06880-2000.

To the Editor: ...When I opened the 31 July issue of ARMY AVIATION I noted that William L. Dickinson, Republican Congressman, Alabama, was the AAAA Keynote Speaker at the Annual Convention. ... One of the items he mentioned in his speech (Ed Note: excerpted in the July issue) was how he was committed to more defense spending and how the 'liberals' in congress are putting up roadblocks. The thing that military people need to get interested in is how Representative Dickinson, President Bush and others plan to pay for these grand schemes. A few years ago, when Ronald Reagan was elected President, we were told that we could borrow and spend our way out of debt. The military was given a checkbook and told to go and buy out all the stores. Now our national debt is almost three times the size it was in 1980 and the interest alone is \$151 billion a year. Our national defense has been endangered for years to come because of this foolishness. ... Representative Dickinson helped create the mess he is complaining about!

Carl L. Hess, CW4, USA (Retired)
Ozark, AL

To the Editor: I've come from a solid background of Aviation (flying in the civilian sector for six plus years and have a Aeronautical Science Degree) and I have never seen an Aviation Community treat its most educated, highly trained leaders the way Army Aviation does. I'm referring to Army Aviation Commissioned Officers. In no other military service are the commissioned aviators (that's all they have) treated as part time, unskilled and inexperienced. In Army Aviation, the Commissioned Aviators are rarely given the opportunity to be pilots. When they are, and fortunately I was, it is always short lived, maybe one year max. The other military branches groom their junior pilots to be expert aviators so that when they become senior leaders, they will be the 'wealth of knowledge' aviation leaders. The other services' mid ranking officers, (O3-O4), are the IP's, IFE's and SIP's. Commissioned Officers in the Army are not given this opportunity....

Gregory A. Reid, 1st Lieutenant, AV
Savannah, GA

AVIATION COMMAND CHANGES

The following changes were provided from PERSCOM:

COL John Bradley — Commander, Davison Aviation Command, Ft. Belvoir, VA. Effective August 1989.

COL Brad Brown — Chief, Maneuver Systems, SARDA, Pentagon, Washington, DC. Effective 10 September 1989.

COL Troy Burrow — Commander, Aviation Development Test Activity, Ft. Rucker, AL. Effective April 1989.

COL Joe Carothers — Chief, Aviation Division, DCSOPS, Pentagon, Washington, DC. Effective 10 September 1989.

COL Gene Cole — Commander, Combat Aviation Brigade, 82nd Airborne Div, Ft. Bragg, NC. Effective June 1989.

COL Gerald Crews — Commander, 9th Cavalry Brigade (Air Attack), 9th ID, Ft. Lewis, WA. Effective August 1989.

COL Albert Ferrea — Commander, Combat Aviation Brigade, 3rd ID, Giebelstadt, FRG. Effective May 1989.

COL Thomas Genetti — Commander, Combat Aviation Brigade, 8th ID, Finthen, FRG. Effective September 1989.

COL James Hardister — Commander, Aviation Training Brigade, Ft. Rucker, AL. Effective July 1989.

COL Johnnie Hitt — Commander, 11th Aviation Brigade, VII Corps, Illsheim, FRG. Effective September 1989.

COL John Maher — Commander, Combat Avn Brigade, 25th ID, Schofield Barracks, HI. Effective August 1989.

COL Brian Mullady — Commander, 1st Aviation Brigade, Ft. Rucker, AL. Effective July 1989.

COL Johnny Riggs — Commander, 17th Aviation Brigade, EUSA, Yongsan, ROK. Effective July 1989.

COL Bob Seigle — Commander, 18th Aviation Brigade, XVIII Abn Corps, Ft. Bragg, NC. Effective June 1989.

COL Ed Shannon — Commander, Corpus Christi Army Depot, Corpus Christi, TX. Effective July 1989.

COL David Sullivan — Commander, Aviation Applied Technology Dir., Ft. Eustis, VA. Effective August 1989.

Selection - cont. from p. 8

Deputy for the T800 board. He was responsible for the actual board operation. Under his guidance the key SSEB members, in conjunction with the Program Managers Office, developed the Source Selection Plan, which became their reference for all evaluation and scoring. The Source Selection Plan was approved by the SSAC chairman.

Five Areas of Evaluation

The three teams' proposals, program plans, and engine system specification were evaluated in five areas: technical, reliability and maintainability/integrated logistics support (RAM/ILS), production competition, cost and management. While manpower and personnel integration (MANPRINT) was not developed as we know it today, each of the elements of MANPRINT were part of the evaluation and scor-

ing in the RAM/ILS area.

Evaluation and scoring was completed at five levels. The levels, from lowest to highest; sub-factor, factor, element, and area. The area scores are added together to form the board score, or highest level. During this evaluation a detailed investigation and analysis of each proposal was completed. The Government then requested from each team written clarification on any part of their proposal, system specification, or program plans which the Government did not understand, believed to be in error, or lacked enough information.

Once these clarifications were received, board members reviewed them and prepared for face-to-face-discussions with the teams. The final step was to complete negotiations, then solicit each contractor team's best and final offer (BAFO). The last iteration of review, evaluation and scoring was completed based on the

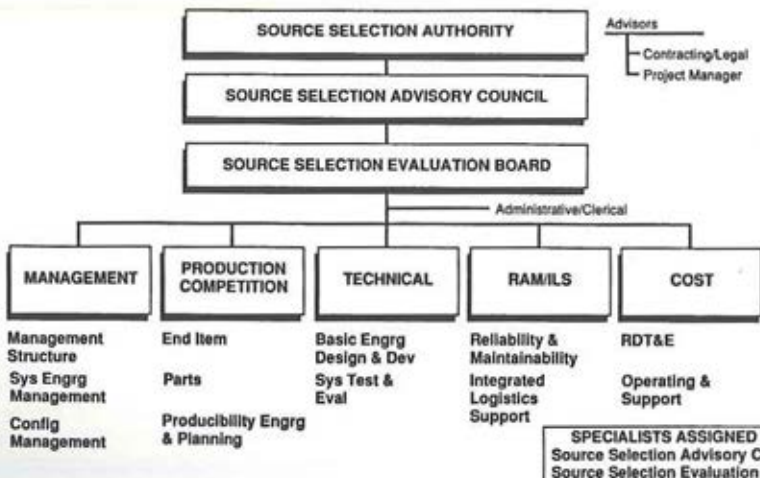
BAFO data.

During the board, SSAC members visited and worked with the evaluators to become intimately knowledgeable of the contents of the proposals. On 19 July 1985, the source selection authority selected the contractor teams of AVCO-Lycoming/Pratt & Whitney (APW), and the Light Helicopter Turbine Engine Company (LHTEC), as the winners to enter the T800 full scale development (FSD) competition. After the contract announcement, the losing team, General Electric & Williams International, and the two winning teams were debriefed on the strengths and weaknesses of their proposals.

Looking Ahead

Next month I will go into the contractual strategy, and define some of the contents and requirements of the FSD contract signed with the two winning teams. ■■■■

SOURCE SELECTION ORGANIZATION



SPECIALISTS ASSIGNED TO:
Source Selection Advisory Council
Source Selection Evaluation Board

Fielding - cont. from p. 21

Korean theatre nondivisional AVIM responsible for processing all aircraft into and out of the country. An assessment was made of the capabilities within the 45th and it was determined that the personnel assigned to the 45th and its sister unit, the 239th Aviation Company, was sufficient to accomplish the task of fielding the CH-47D within the theatre. The contingency plan became the primary plan and the option to contract the effort out was then dropped.

Line Haul Solution

This still left the problem of transporting the aircraft from Osan to Camp Humphreys. Response to the line haul/transportation contract offer was slow and finally terminated when the contractor doubled his cost. The 802d Combat Engineer Battalion was then contacted and after evaluating their motor pool, it was determined that transporting the aircraft (line haul) could be accomplished utilizing the Army 916 series trailer (with modifications).

The Materiel Fielding Team

designed and Co A, 802d Engineering Battalion built an "add on" cradle and bucket assembly. It took four days to build and these dedicated soldiers of Co A, 802d, worked night and day to complete this task. The trailer was completed in time to move the first CH-47Ds from Osan AFB on 3 February 1989.

Since that first night move, we have transported 27 CH-47 airframes between Camp Humphreys and Osan AFB. The travel time has been reduced from two hours to about 50 minutes and we now have the capability to move three aircraft at a time. Loading the aircraft on the trailer takes about 20 minutes, including tiedown time. With the construction of these three trailer modifications a savings of approximately \$180,000 has been realized.

Once the aircraft are at Camp Humphreys the process begins in which three disassembled CH-47Ds are built up, have operational checks performed, are test flown, and readied for issue. The CH-47Cs are disassembled, packed, and prepared for shipment by C-5 back to Olathe, KS, for subsequent reassembly and flight to the Boeing plant for modifica-

tion to CH-47D and E model aircraft.

Training Benefits

The soldiers involved in the fielding effort in Korea are assigned to the 45th Transportation Company (AVIM). The training benefits gathered from this operation were one of the most important reasons this plan utilizing soldiers was selected. At the end of this fielding these soldiers will be able to disseminate throughout the Army skills that are often not learned in normal day-to-day operations.

This fielding process has benefited the 2/501st Aviation by allowing them to continue to support the Korean theatre throughout the period. The 2d Battalion has been kept at its authorized strength for aircraft and has not stood down to accomplish this fielding, a first for any CH-47 fielding.

As we approach the midpoint in this fielding operation we feel that we have proven many things that are often taken for granted. The most important being, that given the chance and guidance, a soldier can do the job he has been trained to do, and do it well. All units involved with Korean CH-47D fielding, through a cooperative and concerted effort have allowed the Army to train soldiers, increase combat readiness, and also save the Government dollars. In November of this year the CH-47D fielding in Korea will be completed. Thanks to the personnel of Eighth U.S. Army Korea, Forces Command, the U.S. Army Reserves and their Department of the Army Civilians for a job well done.

IIII



AH-1S (continued from page 31)

ing for both Forward Looking Infrared (FLIR) and Direct View Optics (DVO). When the CRISP mode is deselected, the TSU displays symbolic imagery.

The CMS System

The DIG devices use the same visual system and database that was developed for the AH-64 Combat Mission Simulator (CMS). This system consists of two DIG systems: a three-channel and a one-channel. In an integrated operation, the three-channel DIG is shared by three O-TW displays (left, front, right) in each cockpit, the one-channel is dedicated to a full color CRT display in the TSU. During independent operation, the three-channel remains with the pilot's O-TW displays. The one-channel is supplied to the copilot/gunner front O-TW or TSU display. The location of the display is based on a head position sensor. The left and right O-TW displays are inactive.

The database is composed of one km x one km area blocks which were arranged to create specific training areas. Some of these areas include an airfield, river entrances and exits and tactical gaming areas.

Weapons Simulation

Threat weapons effects and ownship TOW missile, 2.75 FFAR rocket and 20/30 mm cannon weapons effects are simulated. These effects include launch, in-flight display and impact according to the weapon type. Currently being installed on these devices is a near miss motion and aural simulation against the ownship.

The AH-1S FWS provides simulation to support training for weapons delivery; target acquisition; target tracking; night operations, including Night Vision Goggles (NVG); navigation and communication; instrument procedures; Nap-of-the-Earth (NOE) flight; and integrated crew operations. Numerous training missions can be simulated by varying weapons loads, threat types and locations, moving target speed and pathways, Forward Arming and Refueling Points (FARP) and Continued Landing Area (CLA) locations. Environ-

FWS AND AIRCRAFT COST INFORMATION

AVERAGE OPERATING COST PER HOUR

AH-1S FWS CMBS/LIG	\$ 425.00
AH-1S FWS DIG	\$ 392.00
AH-1S AIRCRAFT	\$1259.64

AMMUNITION COST

TOW Missile	\$ 10,500.00
2.75 FFAR HYDRA 70 TPT	\$ 282.00
20 MM	\$ 3.17

mental parameters such as time-of-day; cloud ceiling; visibility; fog; and wind, speed, direction and turbulence are also variable. In addition, the FWS has over 200 programmable malfunctions for emergency procedures such as gun-runaways, main rotor icing, rotor out-of-balance, loss of tail rotor and compressor stall.

Cost Effectiveness

Many of the training exercises that are accomplished in the FWS cannot be done in the actual aircraft because of range availability, safety and cost constraints. The FWS has proven to be a cost effective training device. The last table provides some information on simulator and aircraft training cost.

The FWS is not a substitute for the actual aircraft and nothing can simulate actual combat conditions or the experience gained through them. An aircrew "killed" during a simulated combat engagement however, can stop; play back, up to the last five minutes of their mission; discover the tactical error which resulted in their destruction and continue to train. They are a better, more proficient aircrew for their experience.

"Steel on Target"

Combat readiness is only achieved when attack aircrews can place "steel on target" in a timely manner in support of the ground commanders tactical objectives. As an integral part of attack aircrew training, the FWS has proven itself to be an invaluable tool in attaining and maintaining the highest possible degree of aircrew proficiency which results in a high state of combat readiness. ■■■■

CH-47D

(continued from page 39)

of night vision goggles.) Since the fear and risk is removed from training with goggles, confidence can be established in the equipment and in one's expertise prior to an actual NVG mission.

The CH47DFS has ten visual models of threat equipment, of which the instructor may choose three to be presented at one time. Electronic warfare simulation through the Radar Warning Receiver is integrated with a visual model of the threat.

Soft Crash

In the C model, there was software protection to prevent the aircraft from coming in contact with objects (which could have caused physical damage to the model board). The ATACDIG system, however, allows "contact" with objects and presents two types of indications to the pilots. If either the rotor blades or the fuselage contact an object, the simulator will receive a corresponding motion cue (bump) referred to as a "soft crash." On the other hand, if both rotor and fuselage contact an object, the simulator will produce a crash indication which will "freeze" the trainer. This allows realistic slingload, confined area, and NOE operations.

Leadship Record

A capability which was not available in the previous trainer is the ability to record and visually present a model of the CHINOOK, called a "leadship." When it is activated, every movement or flight path is recorded (up to 60 minutes). When played back, the pilots can see this "aircraft" and multiship, sortie or linkup operations can be practiced.

The leadship feature can also be used in training to demonstrate to a student his performance of a particular maneuver. An autorotation, for example, could be recorded and played back to show the student the attitude that he was in when he initiated his deceleration or touch down. The one-five minute playback also works with the leadship. Therefore, an instructor can demonstrate "visually" a maneuver just completed as

many times as necessary. The possibilities of the leadership record are limited only to the imagination of those who can use the CH47DFS.

Slingload Models

There are four external loads which can be performed in the CH47DFS. They are:

- light weight (fuel bladder),
- high density (M-198),
- aerodynamic (AH64), and
- tandem hook (Mil Van).

Each slingload is modeled and can be relocated anywhere in the gaming area. The model provides the visual cues to maneuver into a hookup position. Once the load is hooked, the pilot can reposition his aircraft and see that the load is no longer on the ground (this was not possible with the model board). After the load is dropped off he can reposition himself to see the load exactly where he placed it.

Other Features

Not all training cues are visible, of course. A six degree of motion system provides pitch, roll, yaw, lateral, vertical, and longitudinal movement. The pilot seats vibrate to simulate continuous and periodic oscillations/vibrations that the crew experiences during flight maneuvers. Three sets of speakers provide realistic sound characteristics (instructor adjustable, within safety limits) that are correct with respect to the location and frequency of the aircraft systems.

The instructor operator station (IOS) — the heart of the trainer — is located within the simulator compartment in order to provide complete crew evaluation and training. The IOS consists of a control panel plus two CRTs from which training scenarios are monitored and controlled. The instructor can alter the environmental conditions or program simulated malfunctions (234 in all, of which up to ten can be programmed at any one time).

In short, the CH47DFS is a high fidelity simulator which replicates all the instruments and controls in a CHINOOK cockpit required to perform the tasks listed in the Aircrew Training Manual (ATM). It provides transition and refresher training in instrument and contact environments for flight operations, emergency procedures, and combat tactics. ■■■■

MG Parker (continued from page 6)

manner. Whatever successes we now enjoy, we will always be indebted to AAAA for what it has done to foster support and understanding of Army Aviation.

The Branch Comes of Age

While I am exceedingly proud of the contributions made by many people from Army Aviation's inception in 1942, I am equally proud of what has been accomplished in the short six year history of the Branch. We have assumed responsibility for all functions of the Branch, to include aviation logistics and air traffic services. We have updated our force structure and our doctrine, tactics, techniques, and procedures; some of which were decades out of date when we inherited them. We have in place a family of plans that provides a professional development road map for our people, a multiyear program to modernize the aircraft fleet, and reliable airspace command and control. The training of aviators,

crewmembers, maintainers, air traffic controllers, and flight operations specialists has been reviewed and, where appropriate, modified to increase efficiency in an era of constrained resources. Our successes are impressive and, in some cases, hard-earned, but we owe much to our many supporters in the Department of the Army, the Department of Defense and the Congress. Without that support, we could not have succeeded.

The Finest Cut

As I move to my next assignment, I do so with tremendous pride in all aspects of Army Aviation, but especially in the outstanding men and women who serve in the Branch. They constitute the absolutely finest quality cut of soldier and officer with whom I have ever served or expect to serve. They deserve our very best efforts as we continue the maturation of the Aviation Branch.

To every person who has contributed to Army Aviation during my tenure as Chief of the Branch, you have my sincere and enduring gratitude. Best wishes in all your future endeavors.

Air Assault!

||||

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BRIEFINGS

The **3d Battalion** of the Army's **160th Special Operations Aviation Regiment** was formally activated at Hunter Army Airfield, GA on 8 September 1989. The first commander of the new battalion is **Lt. Colonel Dell Dailey**.

SFC Bruce J. Beecher has been named Army Aviation Center and **Ft. Rucker Enlisted Instructor of the Year** for CY1988. A soldier for 13 years, Beecher is a noncommissioned officer in charge of the Atmospheric Branch, U.S. Army School of Aviation Medicine. He will enroll at Troy State University-Dothan next quarter to finish off the requirements for his bachelor's degree in psychology and then continue his education under the G.I. bill, ultimately to his goal of a doctorate in psychology.

The U.S. Army Aviation Systems Command with the U.S. Army Depot Systems Command will conduct a **Competition Advocate's Shopping List Workshop** 29-30 November 1989, at Wynnham Corpus Christi, TX. Registration forms are available. For additional information on the Competition Advocate's Shopping List Workshop contact **Roger Boehman** at (314) 263-1712.

Count Corrado Agusta, Honorary Chairman of Gruppo Agusta, passed away suddenly 14 June in his home at St. Moritz. From 1971 to 1983, he was Chairman of the company established by his father. Under his leadership, the company grew substantially from a mere licensee to a developer and manufacturer of its own product line.

AWARDS AND HONORS

The following information is provided by the U.S. Army Aviation Center at Ft. Rucker, AL:

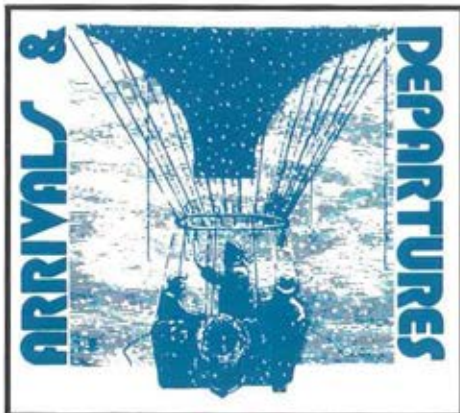
Initial Entry Rotary Wing Aviator Course Class 88-22 AH-1 Track (06/23/89): 2LT James C. Sharkey, Distinguished Graduate.

Initial Entry Rotary Wing Aviator Course Class 88-22 AH-1 Track (06/23/89): WO Harold E. Carefoot, Jr., Distinguished Graduate.

Initial Entry Rotary Wing Aviator Course Class 89-1 UH-1 Track (07/07/89): 2LT Phillip J. Sobieski, Distinguished Graduate; 2LT Paul L. Scharsich, Honor Graduate.

Aviation Officer Advanced Course Class 89-2 (07/14/89): CPTs John C. Buss & John T. Hansen, Exceeded Course Standards, Master Tactician Award, Master Logistician Award & Communicative Skills Award; CPTs Thomas M. Coffey, David C. Mackey & Paul H. St. Clair, III, Exceeded Course Standards, Master Tactician Award & Master Logistician Award; CPT William J. Hunt, Exceeded Course Standards, Master Tactician Award & Communicative Skills Award; CPTs Daniel W. Coester, William H. Cook, III, Douglas M. Gabram, Timothy C. Gorden, Elizabeth J. Higgins, Robert M. Ketterer, Edward F. Kleinschmidt, Joseph J. Klumpp, Gregory A. Kokoskie, Peter D. Kowal, Deanne E. Lins, Cathryn A. McDaniel, Brian J. Mueller, John N. Schuster & Glen G. Veevaert, Exceeded Course Standards & Master Tactician Award; CPT Allison R. Reinwald, Exceeded Course Standards, Master Logistician

Award & Communicative Skills Award; CPTs Andrew T. Loeffler & Jane Merrow, Exceeded Course Standards & Master Logistician Award; CPTs Mitchell A. Bauman & David L. MacDonald, Exceeded Course Standards & Communicative Skills Award; CPTs David H. Alaniz, Richard E. Arnold, Kim M. Barrier, Roderick A. Bellows, Steven H. Chowen, Charles W. Cooper, Mark A. Funk, Luke S. Janowiak, Joseph B. Jellison, Sr., Stephen G. Kreipe, Gregory A. Laemmrich, Carla A. Mackey, Val J. Martin, Timothy J. O'Neil, George R. Smith, III, Stanley D. White, & 1LT Francis A. Matreale, Exceeded Course Standards; 1LT Robert M. Cumbie, Master Tactician Award, Master Logistician Award & Communicative Skills Award; CPTs Duane E. Brucker, Jacqueline A. Edlund-Cooper, Janet A. Hubbert, Mark M. Lauer & Dennis D. Stahl, Master Tactician Award & Master Logistician Award; CPTs Jeffrey L. Hovey & Michael D. Wills, Master Tactician Award & Communicative Skills Award; CPTs Kim R. Brinson, Eugene R. Buckner, Frank O. Glang, Gregory D. Petrik, Kevin D. Raynes, John E. Suttle, Scott T. Wakefield & 1LT Deborah T. Davis, Master Tactician Award; CPTs Bruce J. Allison & Ray L. ShROUT, Master Logistician Award; LTC Mohammad Azam, CPTs Bradley A. Dunning, James A. MacMillan, Wendell L. May, Gary R. Nisker, Andrew B. Nocks, Karl M. Senecal, George S. Sheats, Thomas P. Taney & 1LT James B. Hardy, Communicative Skills Award.



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CPT Garrett P. Jensen
BSG Julius F. Johnson
CPT Mark W. Kreyer
CW2 Stephen J. Mitchell

**OLD TUCSON
MARANA, AZ**

Mr. Daniel L. Carson
SPC Edward J. Conrad
WOC Donald D. Duval

**PHANTOM CORPS CHAPTER
FORT HOOD, TX**

WO1 Paul M. Dean
CW2 William S. Golorth, Jr.
CW2 E.J. Mikeas, Jr.
CW2 Kenneth L. Shirley
CW2 James R. Van Duzor
CW3 John T. Wilson

**PIKES PEAK CHAPTER
FORT CARSON, CO**

CW2 Robert D. Rutledge

**S. CALIFORNIA CHAPTER
LOS ANGELES, CA**

2LT George W. Daghlilan
Mr. Peter B. Muller
SGT Michael H. Odegaard
Mr. Gary R. Tingstad
Mr. Ronald H. Williams
Mr. Peter M. Zatezalo

**STUTTGART CHAPTER
STUTTGART, GERMANY**

SPC Shane S. Corica
**TARHEEL CHAPTER
RALEIGH, NC**

WOC Jerry D. Sartin

**TAUJUS CHAPTER
GERMANY**

CPT Michael E. Bryson
1LT Robert P. Dickerson
MAJ Gary L. Gregoire

**TENNESSEE VALLEY CHAPTER
HUNTSVILLE, AL**

Dr. Frederic H. Clark
Ms. Patricia A. Collier
Mr. John J. Defourneaux
1TC Robby D. Harbar, Ret.
Ms. Sarah A. Metzger
Mr. John G. Peterson
Mr. Michael A. Saylor
Mr. David W. Shuford
Mr. William H. Stender, Jr.
1TC Larry H. Woodard, Ret.

**THUNDERHORSE CHAPTER
FULDA, GERMANY**

SPC Lorel R. Adrales
WOC Naito D. Bule
SGT Ronald W. Dvorsky

**WASHINGTON DC CHAPTER
WASHINGTON, DC**

MSG William E. Baker
SFC Steven D. Boyce
WOC Robert B. Brownlee
SPC Rick L. DeGraffenreid
WO1 Peter A. Doerr
CW3 Huey T. Driggers
Ms. Glenda A. Garrison
SGT Donald L. James
SGT Clyde J. Moore
Mr. Jerry G. Oliver
Mr. Jose Luis Ponce
CPT Timothy L. Stevens
SFC Johnny M. Tilley

**WINGS OF THE DEVIL CHAP
FORT POLK, LA**

COL Harry E. McCloud
CW2 Fred R. Peacock
CW2 John F. Reid

**WINGS OF THE MARNE CHAP
GERMANY**

CW3(P) Michael M. Halsey

**MEMBERS WITHOUT
CHAPTER AFFILIATION**

WOC Louis J. Abate, III
WOC Michael S. Arnold
WOC Robert J. Auggularo
CPT Karl M. Birkhimer
WOC Heidi Bosworth
SFC Roger A. Burrell
WOC David A. Culler
CPT Joann Y. Eberle
1TC James A. Henderson, Ret.
WOC Thomas V. Higgins, II
WOC Mark D. Holmes
CW2 Henry H. Howe, Jr.
CPT Jeffrey L. Lyons
1SG Richard A. Michaelson
WOC Thomas H. Mix
WOC Kenneth S. Morse
WOC Thomas J. O'Halloran
MAJ Neal C. Petree, III
WOC Brian W. Piesche
1LT Bradford L. Snowden
SPC Brenda A. Stevens
MSG Robert A. Vostry
1TC Delbert L. Waugh
1TC William E. Wilroy, Ret.

**ARMY AVIATION ASSOCIATION OF AMERICA (AAAA)**

49 RICHMONDVILLE AVE., WESTPORT, CT 06880 • PHONE: (203) 225-8184 • FAX: (203) 222-9663

Please check one of: Change of Address; New Membership Application

I wish to join the Army Aviation Association of America (AAAA). As a U.S. Citizen, my past or current duties affiliate me with U.S. Army Aviation and I wish to further the aims and purposes of the AAAA. I understand that my membership includes a subscription to the AAAA's national magazine "Army Aviator", and that my membership will start on the subsequent first of the month. The name of the current member who recruited me is printed in the lower right corner. Contributions or gifts to AAAA are not deductible as charitable contributions for federal income tax purposes. Dues payments are deductible by members on ordinary and necessary business expenses.

Rank/OS Grade First Name MI Last Name Sex

Mailing Address

Mailing Address (Continued)

City State Zip + 4 Code

Active Duty or Civilian Job Title

Unit or Firm Name

Area Code Office Phone Area Code Residence Phone

Nickname Spouse's Name

Date of Birth (Mo/Yr) Social Security No

Office Use

AAAA ANNUAL DUES

Applicants other than those listed below:

 1 yr, \$15; 12 yr, \$29; 13 yrs, \$43

Enlisted, GS-6 & below; Wage Board 12 DAC's and below:

 1 yr, \$10; 12 yr, \$19; 13 yrs, \$28

Add \$5 per year if you have a foreign, non-APD address.

Add \$15 if your check is drawn on a foreign bank.

 [Check enclosed made payable to "AAAA,"or charge to Mastercard; Visa

Card No.

Amt. \$ Exp. Date

Signature Date

Check Your Professional Qualification Army Active Duty US Defense Industry BA/MS Civilian Consultant Army Part Civilian Publishing/Other Avn. Army Reserve Foreign Military Service Army Retired Foreign Defense Industry Other US Military Service OtherAre you a former AAAA member? Yes No

If yes, what year did you join?

Print Name of Recruiter

Solicitation now underway for CY89 AAAA National Awards: Jan. 15, 1990 suspense date set

"Award Presentations"

Up to eight AAAA National Awards for accomplishments made during Calendar Year 1989 will be presented at the 1990 AAAA National Convention in Orlando, FL. The individual AAAA National Awards will be made on Friday; the unit AAAA National Awards will be made on Saturday. Senior members of the U.S. Army will be invited to present the AAAA's top awards on both occasions.



"Outstanding Aviation Unit Award"

Sponsored by the McDonnell Douglas Helicopter Company, this award is presented annually by AAAA "to the Active Army aviation unit that has made an outstanding contribution to or innovation in the employment of Army Aviation over and above the normal mission assigned to the unit during the awards period encompassing the previous calendar year." Any Active Army Aviation unit that has met the foregoing criteria is eligible for consideration.

"ARNG Aviation Unit of the Year Award"

Sponsored by Textron Lycoming, this award is presented annually by the AAAA "to the Army National Guard aviation unit that has made an outstanding contribution to or innovation in the employment of Army Aviation over and above the normal mission assigned to the unit during the awards period encompassing the previous calendar year." Any Army National Guard aviation unit or organization that has met the foregoing criteria is eligible for consideration.

"USAR Aviation Unit of the Year Award"

Sponsored by Textron Lycoming, this award is presented annually by the AAAA "to the U.S. Army Reserve aviation unit that has made an outstanding contribution to or innovation in the employment of Army Aviation over and above the normal mission assigned to the unit during the awards period encompassing the previous calendar year." Any U.S. Army Reserve aviation unit or organization that has met the foregoing criteria is eligible for this award.

"The Robert M. Leich Award"

Sponsored by the Grumman Corporation, this award is named in memory of Brigadier General Robert M. Leich, USAR, the AAAA's first president (1957-1959) and its Awards Committee Chairman for 23 years. It is presented periodically to a unit for sustained contributions to Army Aviation, or to a unit or an individual for a unique, one-time outstanding performance.

"Army Aviator of the Year Award"

Sponsored by the Sikorsky Aircraft Division of United Technologies Corporation, this award is presented annually through the AAAA "to the Army Aviator who has made an outstanding individual contribution to Army Aviation during the Awards period encompassing the previous calendar year." Membership in AAAA is not a requirement for consideration. A candidate for this award must be a rated Army Aviator in the Active U.S. Army or Reserve Components, and must have made an outstanding individual achievement.

"Aviation Soldier of the Year Award"

Sponsored by Bell Helicopter Textron, this award is presented annually by AAAA "to the enlisted man serving in an Army Aviation assignment who has made an outstanding individual contribution to Army Aviation during the awards period encompassing the previous calendar year." Membership in AAAA is not a requirement. A candidate for this award must be serving in an Army Aviation assignment in the Active U.S. Army or the Reserve Components, and must have made an outstanding individual achievement.

"James H. McClellan Aviation Safety Award"

Sponsored by General Electric Aircraft Engines in memory of James H. McClellan, a former Army Aviator who was killed in a civil aviation accident in 1958, this award is presented annually to an individual who has made an outstanding individual contribution to Army Aviation safety in the previous calendar year. The award is NOT intended to be given for the accumulation of operational hours without accidents by any aviation unit.



"Outstanding DAC of the Year Award"

Sponsored by the Boeing Helicopter Company, this award is presented annually by AAAA "to the DAC who has made an outstanding individual contribution to Army Aviation in the awards period encompassing the previous CY." Membership in AAAA is not a requirement. A candidate for this award must be a current Department of the Army Civilian.



Administrative Details

ACCOMPANYING DATA FOR INDIVIDUAL AWARDS: A standardized "Nomination Form for Submission of All AAAA National Awards" is the sole form utilized by the Awards Committee in its selection of annual AAAA National Awards Winners. Copies may be obtained directly from any Chapter Secretary or by writing to AAAA, 49 Richmondville Avenue, Westport, CT 06880-2000. The form should be accompanied by a recent photo and biographical sketch of the nominee. Photos of the commander and the senior NCO must accompany each unit nomination. The "Nomination Form for Submission of All AAAA National Awards" and the accompanying photo(s) should be mailed ON OR BEFORE the January 15 suspense date. Please use stiffeners to protect the photo(s) being submitted. While "nomination" material cannot be returned, photos may be returned on request. The receipt of each nomination will be acknowledged by the Awards Committee Chairman.

AAAA Scholarship Foundation announces new, expanded 1990 program!

**\$80,000 of Scholarship grants and loans available to
members, their spouses, siblings and children!**

■ ■ BACKGROUND:

The AAAA Scholarship Foundation, a separate non-profit, tax-exempt corporation created to render financial assistance to selected members of the Army Aviation Association of America, Inc. (AAAA) and selected spouses, unmarried siblings, and unmarried children of current and deceased AAAA members, announces the availability of \$80,000 in assistance funds for the 1990 college-entry year.

■ ■ SCHOLARSHIP GRANTS AND LOANS:

A minimum of thirty scholarships will be presented — One \$12,000 four year grant (\$3,000 a year); other grants ranging from \$1,000 to \$5,000 given out as one, two or four year scholarships; and five \$4,000 interest-free loans (\$1,000 a year).

For the first time in 1990, a \$2,000 scholarship (\$1,000 a year) will be awarded to an eligible applicant pursuing a two-year associate degree in an aeronautical-related science. Also, a \$4,000 scholarship (\$1,000 a year) is available to those pursuing a four-year B.S. degree in an aeronautical-related science. There is also a \$2,000 scholarship (\$1,000 a year) available to students planning to attend St. Louis University. Call or write us after December 1, 1989 for more details.

■ ■ AWARD PHILOSOPHY:

The AAAA National Scholarships are awarded primarily on the basis of academic merit and personal achievement.

■ ■ APPLICATION PROCEDURE:

To apply, please request a Scholarship Grant/Loan Application and return it to the AAAA Scholarship Foundation, 49 Richmondville Avenue, Westport, CT 06880-2000 on or before May 1, 1990 (postmark will govern). On our receipt of the completed application, you will be mailed further instructions and assigned an AAAA interviewer. All forms, together with other supporting data, must be returned to the Foundation on or before June 15, 1990 for consideration by the AAAA Awards Committee (postmark will govern).

■ ■ ELIGIBILITY CRITERIA:

An applicant must be a citizen of the United States who has been admitted to an accredited college or university for Fall 1990 entry as a freshman. The AAAA member to which the applicant is related must have an effective date of membership on or before March 31, 1989. All eligible applicants shall first be considered for scholarship grants and then, if requested by the applicants, considered for the loan program.

■ ■ SELECTION AND NOTIFICATION:

Selection of winners will be made by the AAAA National Awards Committee during mid-July with each applicant to receive a list of the winners not later than August 1, 1990.

CAREER TRACK

If you'd like to take advantage of the Career Track employment referral service, but you're not yet a member of AAAA, the solution is simple: Fill out a membership form and send it in along with your request for a Career Track application. Your ad will run in the next available issue.

Active AAAA members may have a 30-word classified employment ad published in two consecutive issues of ARMY AVIATION MAGAZINE free of charge. Write to the AAAA National Office, 49 Richmondville Avenue, Westport, CT 06880-2000, or call (203) 226-8184 for Career Track applications. Inquiring organizations, please contact the National Office.

Over 25 years experience in increasingly responsible positions embracing installation management, personnel, fiscal, operations and training in a multi-million dollar setting. Strong leadership style emphasizes planning, education and control. 8-01

Seeking Defense/Aerospace management opportunity; Dual-rated master aviator with Master's degrees in Industrial Engineering

and Transportation Management. Extensive international experience in logistics, operations, OR/SA, marketing, civil/military relations. Multi-lingual. 8-02

Seeking senior business development position: Key industrial developer Air-to-Air Stinger, Visual FOG-M TV System and Target Acquisition Systems. Twenty years marketing and development experience in Defense Electronics market. 8-03

Lieutenant Colonel, Aviation Product Manager, seeks R&D related program management or management support position in defense/aviation industry. Strong background in aviation, life support, and armament R&D management, requirements analysis, and planning. 8-04



SHORT BROTHERS PLC
Belfast, Northern Ireland

is pleased to announce that the
Army National Guard
will procure Shorts C-23B Aircraft



June 30, 1989



U.S. Precision Helicopter Team Wins Again!



The United States Precision Helicopter Team has won its third consecutive World Helicopter Championship, the Federation Aeronautique Internationale has announced. The U.S. team scored a total of 2,373 of 2,400 possible points. The Soviet Union team was second with 2,202 points. Third place was awarded to the British team, which amassed 1,746 points. France finished fourth with 1,598 points followed by the Germans with 1,581 points.

There were 38 air crews representing six nations (Irish teams only participated as individuals). The seven competing American teams took the first seven places. The United States also furnished one other noncompeting crew for validation of the long range events and demonstration of the two stadium events. The American team of CW3 Jon Iseminger and CW3 Rudolph V. Hobbs took top individual honors, scoring 796 out of a possible 800 points. CW3 Iseminger was a member of the air crew that won top honors in the last competition in 1986 at Castle Ashby, England.

The championships were held from 7-10 September 1989 at the Chantilly Hippodrome about 40 kilometers north of Paris. The competition was comprised of four events: a 150-kilometer navigation course, a 80-kilometer timed arrival and load drop-off, a precision flying event and a slalom and skill course.

Four competing U.S. teams were from the active Army, while three were from the Army National Guard: two crews from the Texas Guard and one from the Arizona Guard. All maintenance crew chiefs were also National Guardsmen. U.S. team scores are as indicated below. The U.S. validation and demonstration team and the U.S. teams competing individually are noted with an asterisk. The remaining five teams made up the U.S. national team. The National Team score was compiled from the top three finishing teams on the National Team. Those teams' scores annotated with a double asterisk.

Team Member	Assigned	Total
CW3 Jon Iseminger	Ft. Rucker, AL	796**
CW3 Rudolph V. Hobbs	Ft. Rucker, AL	
CW4 John E. Loftice	USAREUR	793**
CW2 Kenneth W. Wright	USAREUR	
*CW3 James R. Church	Ft. Campbell, KY	786
*SGT Scott A. Harbarger	Ft. Bragg, NC	
CW2 George W. Egbert III	Arizona ARNG	784**
CW2 Paul W. Hendricks	Arizona ARNG	
CW3 Howard Fancher	Hawaii	781
SGT Lonnie Rash	Ft. Rucker, AL	
CW3 Edward D. Jones	Texas ARNG	781
CW3 Neil Whigham	Texas ARNG	
*CW4 Maris Stipnieks	Texas ARNG	771
*1LT Brian W. Dickens	Texas ARNG	
*CW3 David L. White	Ft. Belvoir, VA	N/A
*1LT Jae D. Collins	Ft. Belvoir, VA	

The American teams flew the OH-58 KIOWA. The Soviets flew MI-2s (NATO Codename) HOPLITE. The other teams flew a variety of helicopters, with no other team flying a single type aircraft. The entire competition was accident and incident free.



CHAMPUS Supplement Now Available



CommandCare, the superior CHAMPUS health supplement, is now available to members of the Army Aviation Association of America.

As a member of AAVA, you may now apply for CommandCare — the CHAMPUS supplement that offers 100% coverage to retired military personnel and their dependents as well as to the dependents of active duty personnel.

With CommandCare plans, you have the most comprehensive coverage available to protect against the cost of civilian health-care and outpatient treatment. Depending on the plan you choose, CommandCare can pay 100% of the difference between what CHAMPUS or CHAMP-VA pay and your actual billed charges for all eligible expenses. This includes your CHAMPUS cost share and all charges that exceed the CHAMPUS allowed amount.

CommandCare pays your DRG (diagnosis-related groups) cost share, too. DRG is the system that CHAMPUS uses to pay for inpatient hospital services. Under the DRG payment system, your cost share is 25% of the amount billed by the hospital or the current daily cost-share, whichever is less.

Every eligible family member can be covered. Even if you, the member, choose not to be insured, your spouse and children can be protected by CommandCare. Your unmarried dependent children can be covered until age 21 (23 if full time students).

You can apply for coverage for your dependents while you are on active duty and, when you retire, apply for coverage for yourself. Your dependents have continuous coverage.

All CommandCare CHAMPUS supplement plans automatically convert to the CommandCare Medicare supplement which can continue

to pay up to 100% of the difference between what Medicare pays and your costs for reasonable and customary charges.

Insured dependents under the CommandCare CHAMPUS supplement are also automatically protected by the Survivor's Benefit — at no additional cost. This means that in the event of the insured member's death, the premium for coverage of the spouse and all dependent children covered at the time is waived for the next seven years, or until the spouse's remarriage, if occurring sooner.

Any member can be covered under this Plan if he or she can answer "no" to the four questions on the CommandCare application, and maintain their AAVA membership. There is also a three-month preexisting condition exclusion. This limitation applies to medical treatment or advice you or your insured dependents receive during the three months prior to the effective date of the coverage. All preexisting conditions will be covered after only six months have passed from the effective date.

CommandCare is underwritten by a nationally recognized and respected insurance company — Insurance Company of North America, a CIGNA company.

It will be administered for members of AAVA by Membership Services, Inc., 1304 Vincent Place, McLean, VA 22101, a company specializing in providing services to leading associations.

To receive more details about this new benefit provided to AAVA members, simply call Membership Services toll free 1-800-234-1304 (or, in the Washington, D.C., metro area, at 821-0555) and ask for CommandCare information. You will receive a brochure that will explain the Plan in detail, including the premium rates.

Top Guns As of 14 September 1989

The member who sponsors the greatest number of new members during the contest year ending December 31, 1989 wins an all expense-paid trip to the AAVA National Convention, as well as a \$300 cash award. The winner also receives a plaque at the AAVA Membership Luncheon.

CW3 (P) Bernard R. Lusk	134
CW2 John W. Martin	103
CW3 Leslie W. Holt	92
CW4 Robert P. Giffin.....	65

Ms. Terry E. Cunningham.....	60
COL Clinton B. Boyd	40
CPT Donald L. Cochrane, Jr.	34
MSG John H. Bae	33
MG John L. Klingenhagen, Ret.....	27
CW4 J.D. Badgley	25
MAJ Joseph G. Kaufmann, Jr.	25
2LT Darrin W. Wargacki	23
1SG Eddie R. Maycen	21

New AAAA Officers

The following members were elected to the Executive Boards of their respective Chapters.

MAJ (P) Frank S. Wilmoth, (Secretary), Air Assault Chap.

COL John C. Maher, (Pres.),

MAJ James E. Lawson II, (Sr. VP), **1LT (P) Dwayne J. Walters,** (Sec.), **CPT Sanjal Kumar,** (Treas.), **CSM Glenn C. Cordiero,** (VP Memb. Enroll.),

MAJ Durward H. Galbreath, (VP Publicity), **CW2 Roger Garner** (VP Prog.), Aloha Chapter.

CPT Matthew J. Herholtz (VP, Cadet Act.) Black Knights Chapter

LTC Dennis W. Healy (Sr. VP), **Carolyn T. Lawrence** (Sec.), **MAJ Mark S. Jones** (VP, Publ.), **Robert A. Mangum,** (VP, Ret. Affairs), **LTC Geary W. Hancock** (VP, Res. Affairs) Colonial VA Chapter

MAJ Roger L. Barrett (Sr. VP) **CPT Curtis L. Herrboldt** (Sec.), **CW4 Ronald A. Edwards** (VP, Memb.), **1SG Jeffrey A. Schoonbeck** (VP, Enlist. Affairs) Ft. Bliss Chap.

LTC Paul M. Severance (Sr. VP), **CPT Leslie L. Deveau** (Sec.), **1LT Todd L. Smith** (Treas.), Hanau Chapter

CPT (P) Scott A. Blaney (Treas.) Old Ironsides Chapter

COL John Bradley (Pres.) Washington D.C. Chap.

Honorary Members

The following persons were selected by their Chapter as Honorary Members. They will receive a complimentary one year membership, citation in these pages, and a "Certificate of Honorary Membership."

OLD IRONSIDES CHAPTER

MG Ronald H. Griffith, CG, 1st AD, APO New York

BG Julius F. Johnson, Asst. Div. Cdr, 1st AD, APO New York



Top Chapters



The August 31 Membership Enrollment Competition standings have the following chapters ahead with four months left in the CY89 contest ending December 31. The rankings are based on CY89 net membership gain.

Master Chapters (231 or more members)

Rank	Net gain
1 Army Aviation Center.....	623
2 Washington DC.....	137
3 Phantom Corps.....	68
4 Arizona.....	35
5 North Texas.....	9
6 Southern California.....	1

(The other Master Chapters show a current net loss during January-August period.)

Senior Chapters (115-230 members)

Rank	Net gain
1 Greater-Atlanta.....	41
2 Fort Bragg.....	27
3 Stuttgart.....	19
4 Chesapeake Bay.....	16
5 Coastal Empire.....	14
6 Wings of the Marne.....	9
7 Delaware Valley.....	8
8 Taunus.....	6

(The other Senior Chapters show a current net loss during January-August period.)

AAAA Chapters (25-114 members)

Rank	Net gain
1 Wings of the Devil.....	43
2 Pike's Peak.....	33
3 Cedar Rapids.....	22
4 Citadel.....	21
5 Tennessee Valley.....	21
6 Mid-America.....	19
7 Northern Lights.....	19
8 Indiantown Gap.....	18
9 Benelux.....	4
10 Checkpoint Charlie.....	2

(The other AAAA Chapters show a current net loss during January-August period.)

The year-end membership totals of each of AAAA's 53 chapters for CY89 contest will appear in Jan. 31 issue.



AAAA Overview



An Executive Group Meeting was held 12 August 1989. The members of the Executive Group are BG James M. Hesson, Pres.; MG Charles F. Drenz, Sr. VP; COL John J. Stanko, Sec/Treas., and Terrence M. Coakley, Exec. Director.

Among the significant items discussed were:

Awards: Committee Composition. The Executive Group approved the request of CSM Roy McCormes, Aviation Branch CSM, that two enlisted members be appointed to the Awards/Scholarship Selection Committee. The Executive Group agreed that the Scholarship Selection process is not well known by the AAAA membership, specifically the anonymity of the applicants with respect to the parents' rank and that the reason why more enlisted children are not selected for scholarships is that very few apply.

Membership: Survey Results and Feedback. TM Coakley briefed the Executive Group that during the last year, the AAAA National Office distributed three surveys: 1) New Members approximately two months after they have been processed; 2) Lapsed Members approximately one month after they have been dropped; and 3) Members for Seven or More Years. The Seven Year Survey was sent one time along with the CY89 Hall of Fame Ballot; the New Member and Lapse Surveys are ongoing. The Executive Group reviewed the results of the surveys following their computerization this summer. All three groups joined for the same reasons: 1) Working for Common Goals and Supporting Profession; 2) Pressure from Command and Peers; 3) Keeping informed through ARMY AVIATION MAGAZINE; 4) AAAA's reputation; and 5) Developing Professional Contacts.

Membership: Chapter Activation Status. T.M. Coakley briefed the Executive Group that the following chapters have activated since the last NEB meeting: Armadillo Chapter, Conroe, TX; Fort Bliss Chapter, Fort Bliss, TX; Greater Chicago Area Chapter, Chicago, IL; Mid-America Chapter, Fort Riley, KS; North Country Chapter, Fort Drum, NY; and Tarheel Chapter, Raleigh, NC.

Membership: CHAMPUS. In accordance with the authorization granted to the Executive Group at the April 5/9, 1989 NEB Meeting, the Executive Group approved the proposal for a CHAMPUS Supplement program. (See page 83 for details).

Membership: Career Development. The AAAA National Office initiated a program in the fall of 1988 in which a member may run a free employment ad in two consecutive issues of ARMY AVIATION MAGAZINE. To further develop the program, TM Coakley advised that the AAAA National Office distributed a survey to all AAAA Industry Members in order to develop a database for employment referrals.

Aces

The following members have been declared Aces in recognition of their signing up of five new members each.

CPT Samuel E. Blake, Jr.
1SG Raywood P. Dartz
LTC Thomas W. Garrett
Jesse W. Glance
MAJ Michael W. Hackerson
1LT Thomas J. Holguin
CPT Kenneth S. Jones
Frederick Khemchand
WO1 James A. Marcantel
1LT Michael D. Parrish
1SG Filmer L. Smith
2LT Darrin W. Wargacki
1LT Dennis J. Weese

New

Industry Members

CAS, Incorporated,
 Huntsville, AL

Master Sergeant John Michael Valigora

Master Sergeant John Michael Valigora, 45, of Lawton, OK, died on 10 March 1989. A native Alicia, PA, he joined the U.S. Army in June 1966. He was acting sergeant major with the 47th Combat Support Battalion in Fort Sill, OK. He was awarded the Bronze Star; Meritorious Service Medal; two Army Commendation Medals; Humanitarian Service Medal; Drill Sergeant Identification Badge; Vietnam Service Medal; seven Good Conduct Medals; three overseas service bars; and the NCOPDR.

Survivors include his wife, Darlene of Corpus Christi, TX, a sister, Mary Ann Methery, and a stepbrother, Charles Rosiek, both of Cleveland, OH.



AAAA Calendar

A listing of recent past AAAA Chapter Events and upcoming National dates



September, 1989

■ ■ Sept. 22. Tennessee Valley Chapter. Professional/Luncheon Meeting. Holiday Inn, Madison Square. Guest Speaker: MG Richard E. Stephenson.

■ ■ Sept. 23. Colonial Virginia Chapter. Social Mtg./Annual Picnic. Rod & Gun Club, Ft. Eustis.

■ ■ Sept. 27. Army Aviation Center Chapter. Semi-Annual Membership Drive/Golf Scramble. Ft. Rucker Golf Course.

■ ■ Sept. 27. Central Florida Chapter. General Membership Meeting. Ming Court Restaurant, Int'l Drive. Guest Speaker: MG Ronald K. Anderson.

■ ■ Sept. 28. Wings of the Marne Chapter. Business Social Mtg. Giebelstadt Community Club.

■ ■ Sept. 29. Lindbergh Chapter. Baseball Game (Cards vs. Cubs) and Tailgate Party. Busch Stadium.

■ ■ Sept. 30. Black Knights Chapter. Annual Tailgate Party Army vs. Harvard. Gather at Class of '49 Lodge, West Point, NY.

October, 1989

■ ■ Oct. 16. AAAA NEB Meeting, Sheraton Washington Hotel, Washington, D.C.

■ ■ Oct. 17. AAAA Scholarship Board of Governors Meeting, Econo Lodge, Arlington, VA.

■ ■ Oct. 24-26. Helicopter Military Operations Specialists' Meeting (HELMOT IV). Fort Magruder Inn, Williamsburg, VA. (Some sessions are classified.) Sponsored by the Colonial Virginia Chapter & AHS Southeast Region.

November, 1989

■ ■ Nov. 7-8. 7th Annual AAAA Aircraft Survivability Equipment (ASE) Symposium, Tracor Aerospace, Austin, TX. Contact Nat'l Office. (203) 226-6184.

■ ■ Nov. 7. AAAA ASE Award Presentation, Marriot at the Capitol, Austin, TX.

■ ■ Nov. 28-30. AAAA USAREUR Region Annual Convention & Exhibit/Display, Der Sauerland Stein Hotel, Willingen, Hochsauerland, West Germany.

December, 1989

■ ■ Dec. 7. AAAA Aviation Trainer of the Year Award Presentation & AAAA ROTC Award Presentation, Fort Rucker, AL.

■ ■ Dec. 8. AAAA NEB Meeting, Fort Rucker, AL.

February, 1990

■ ■ Feb. 3. AAAA National Awards Committee Meeting to select CY89 National Award Winners.

■ ■ Feb. 14-16. 16th Annual Joseph P. Cribbins Product Support Symposium sponsored by the AAAA Lindbergh Chapter. Stouffer Concourse Hotel, St. Louis, MO.

■ ■ Feb. 15. AAAA Outstanding Aviation Logistics Support Unit of the Year Award Presentation & AAAA Industry Award Presentations, Stouffer Concourse Hotel, St. Louis, MO.

■ ■ Feb 15. 1st Annual AAAA Scholarship Found'n Banquet, Stouffer Concourse Hotel, St. Louis, MO.

April, 1990

■ ■ April 11-15. AAAA Annual Convention, Orange County Convention Center, Orlando, Florida.

■ ■ April 11. AAAA NEB Meeting, Orange County Convention Center, Orlando, FL.

July, 1990

■ ■ July 14. AAAA National Awards Committee Meeting to select CY90 National Scholarship Award Winners.

September, 1990

■ ■ Sept. 11-13. AAAA Army Aviation Electronics Symposium. Sponsored by the Monmouth Chapter of AAAA. Berkeley Carteret Hotel, Asbury Park, NJ.

DON'T GET SHUT-OUT OF THE 1990 ORLANDO AAAA CONVENTION APRIL 11-15 (EASTER WEEK)

Delta has been selected as the designated carrier for the AAAA Annual Convention in Orlando, FL.

The reduced fares to and from Orlando will be 40% off Coach Class or 5% off the lowest Super Saver. These apply to advance purchase requirements of the applicable fare.

To make your seat reservations (\$100,000 free insurance, convention mileage, seat assignments, boarding passes), call **Westport Travel**, our official agency. The Group Department toll free number is available to all convention attendees.

1-800-243-3335 (or 1-800-433-7183 in CT)

or call Delta direct: 1-800-241-6760

File #P17032

The savings apply to reservations on Delta flights between Sunday, April 8 and Wednesday, April 18, 1990.



TI's Multi-Mode Radar: special operations survival kit

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