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MARCH-APRIL, 1985

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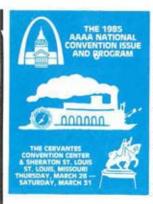
. . .visit our AAAA exhibit booth in St. Louis.





FULL FOUR-DAY PROFESSIONAL-SOCIAL PROGRAM FOR THE AAAA'S 1985 NATIONAL CONVENTION

Army Aviation MARCH-APRIL, 1985



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MARCH 1985 AAAA NATIONAL CONVENTION ISSUE

Open Letter from an AAAA Member by William P. Jones, Vice President, AAAA 4 "Branching out in the '80's" by MG Ellis D. Parker, Chief, Aviation Branch 8 "Something for Everyone! by BG Wayne C. Knudson **Director of Force Requirements and Army** Aviation Officer, DA 13 1985 Scholarship Winners 47 List of Advertisers 118 1985 CONVENTION Welcome to St. Louis! 19 **Objectives and Purposes 20** Nat'l Executive Board 25

AAAA Chapter Structure 33 Industry Member Firms 40 Convention Center Map 52 Exhibit Hall Chart 54 List of Exhibitors 55 1985 Convention Program 57 Hospitality Suites 82 Banquet Seating Chart 84 Banquet Head Table 88 1985 Award Winners 90 1959-1984 Presenters 95 Reserve Comp. Award 96 DAC of the Year Award 98 Aviation Unit of Year 100 Aviation Soldier Award 104 McClellan Safety Award 106 Aviator of Year Award 110 '85 Convention Committee 113

VOL. 34 — NO. 3 ARMY AVIATION A professional journal endorsed by the Army Aviation Association of America (AAAA)

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Along with Thyra Bonds — who communicated with you in this column last month — my term of office as a National Vice President will terminate at the end of the 1985 Convention. . . I've served on the AAAA's Executive Board since April, 1981, and have done so the last three years in the role of Co-Chairman of the Industry Affairs Committee.

I'd like to report that the AAAA has enjoyed an acceptable growth pattern in its Industry Membership over the years and has enjoyed a particularly exceptional rate of growth in the year since the 1984 Convention. Some 30 new Industry (Corporate) Member firms joined the Ass'n since April, 1984, reflecting a gain of almost 25% in the corporate membership category.

How do such firms support and participate in AAAA activities? . . Many of you have probably been "briefed" at the Chapter level by visiting industry representatives who update our active and retired military members at Chapter professional luncheons, mid-afternoon meetings, and dinners. Still others have been "briefed" at the Regional level at Garmisch gatherings. Lastly, most National Conventions feature a substantial programming segment at which key industry representatives discuss their ongoing programs and future proposals as they apply to Army Aviation.

The National Convention also affords many of our commissioned, AWO, enlisted, and DAC members with a four-way opportunity to hear about and see the hardware that our Industry Members produce. This year, some 32,000 square feet of AAAA's 80,000 square foot Exhibit Hall will display the aerospace and defense products of 85 Industry Member firms. Many of our active military members will also mix and mingle with their industry contemporaries at the Convention's four major receptions, its 18 Chapter hospitality suites, and the National Awards Banquet at our Industry Member firms will host over 500 military guests at their company tables.

The forum of AAAA provides for countless informal interchanges. As a fellow member, I'm happy to have played a small role in furthering this process. William P. Jones

Vice President, AAAA

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AF 118

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fight in the Fighting Falcon.

The Magic series of modular computers was developed by GM to operate in severe military environments. More than 10,000 Magic III units are now in the field, with millions of operational hours. Soon one of the newest will become the mission-control computer on the HH-60 Night Hawk; another, with two million words of bubble memory, will be the heart of the MADAR II system on the C-5B; still another will control the LANTIRN navigation and targeting pods.

Delco's Magic IV all-LSI series reduced size, weight, cost, and power requirements, while enhancing modularity and increasing reliability. Magic IV's do the computing for the Fuel Savings Advisory/Cockpit Avionics System (FSA/CAS) in the KC-135.

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GENERAL MOTORS DEFENSE GROUP





The Aviation Branch gets "off the ground"

By Maj. Gen. Ellis D. Parker Chief of the Aviation Branch Fort Rucker, Alabama

A LTHOUGH it has only been two years since Army Aviation became a branch, tremendous strides have been made in getting us "off the ground" as the Army's newest member of the combined arms team.

Sitting at the helm as the Aviation Branch Chief is as honorable as it is exciting with many accomplishments to our credit and with as many initiatives on the horizon.

Training

At the U.S. Army Aviation Center, Ft. Rucker, Ala., we have witnessed the creation of the Aviation Officer Basic Course (lieutenants' training) in July 1984, two years ahead of schedule; the Aviation Officer Advanced Course (captains' training) which began six months early in June 1984; and the Army's first Enlisted Aerial Observer Course in September 1984.

The Aviation Officer Basic Course provides newly commissioned lieutenants with general knowledge of common military and combined arms training. Soldiering is stressed heavily and if the students see an aircraft during this portion of instruction, it is more a matter of coincidence than design. The course has been extremely successful and the Aviation Center will graduate nine classes this fiscal year (FY).

The Aviation Officer Advanced Course graduated 160 officers during FY 84 and that will increase to 400 in FY 85. For FY 86 we will start a 126-student class every ten weeks. It is noteworthy to mention that in January 1985 all 67J (Medical Service Corps) aviators started attending the Aviation Officer Advanced Course as a departure from the Health Services Command advanced course. This change was brought about to give the 67J captains the com-

OPPOSITE PAGE: Fort Rucker, Ala. — Secretary of Defense Caspar W. Weinberger dons a flight suit in preparation for his flight aboard the AH-64 APACHE helicopter at the U.S. Army Aviation Development Test Activity. At right is COL John H. Turnage, AVNDTA commander. bined arms flavor lacking in their advanced course.

Our fifth enlisted Aerial Observer Course is in session and at the end of this fiscal year will provide us with 64 badly needed aeroscouts. Input, however, will soar to 300 in both FY 86 and FY 87.

Personnel

The total warrant officer study group, a satellite of the recently adjourned OPMS study group is looking at several Aviation warrant officer proposals we have developed. Their purpose in this review is to determine if our proposals have applications to other than Aviation warrant officers, specifically the technical services warrant officers. Some of the changes we have proposed are:

- Military occupational specialty (MOS) restructure.
- Position grading in TOE/TDA.
- Job hierarchy.
- Management by branch.
- Regular Army integration at promotion to CW3.

The total warrant officer study is scheduled to adjourn in June 1985 and we will know shortly thereafter if our proposals, which we consider essential, have been adopted.

In the enlisted arena, reclassification from MOS 71P to MOS 93P was accomplished on 1 March 1985.

Coordination between the Aviation Center and the U.S. Army Signal School at Ft. Gordon, GA, is ongoing to effect the proponency transfer of Career Management Field 28, Aviation Communications/Electronics Systems Maintenance to Aviation. Finalization of this transfer is expected shortly.

The view from the helm is truly an inspirational sight as the Army Aviation Branch moves forward into position' with the Army of Excellence. I promise to share more of this view with you in the future.

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Something for everyone!

By Brig. Gen. Wayne Knudson Director of Force Requirements and Army Aviation Officer, DA

HIS will be a great convention in St. Louisl The program is first rate and offers a professionally and socially rewarding experience for those who can attend. As you can see, there is something for everyone and our speakers include most of the Army Aviation Leadership. Enjoy!

A better way

In March, 1984, The Office of the Adjutant General selected AR 95-series regulations for conversion to the UPDATE automated system for publication and distribution in FY 85. Since conversion and automation of each regulation will significantly reduce its thickness, related regulations will be published in volumes.

Following an initial planning meeting at HQDA, AR 95-series proponents met at the Aviation Center to review the regulations and develop a proposed plan for consolidation/revision. The consolidation/revision will put 25 current 95-series regulations as they now exist into two volumes and should be accomplished by the end of this fiscal year. Concurrently, the contents of each volume will be organized so that information is "user friendly".

Each volume will contain an alphabetical cross-reference to all subjects in the other volume. This will provide users easy access to desired information that has not been available in the past. Reference to other related AR's such as the AR 385-series is being planned to provide more information to the reader.

 Each volume will list proponent agencies indicating responsibility for each part of each volume. Recommended changes submitted by users will be directed to the proponent agency so that appropriate changes can be developed. Custodianship for Volume I will be the responsibility of the U.S. Army Aviation Center, Fort Rucker, AL and for Volume II, the Aeronautical Services Office, U.S. Army Air Traffic Control Agency, Cameron Station, VA. Custodians will not be responsible for the content of each volume but will act as coordinators to ensure timely changes are prepared and transmitted to the master computer file.

 A separate document may be published specifying the contents of each volume, proponents for each regulation, procedures for coordinating changes, and the custodian for each volume.

A permanent steering council, made up of representatives of the proponent agencies, will be established and will meet annually to coordinate regulation changes/revisions for the following year. The council will report its findings and recommendations to the annual DA Aviation Policy Committee.

Avionics update

Two new systems are on the horizon that will ultimately change the way we navigate and terminate our missions. The NAVSTAR Global Positioning System (GPS) and the Microwave Landing System (MLS) will add flexibility to current procedures and permit us to establish new ways to get the job done.

 Global Positioning System: GPS is a satellite based radio-navigation system designed to provide users world-wide threedimensional position and velocity information along with coordinated universal time. GPS consists of three segments: the space segment,

Who has a totally integrated avionics system for LHX/JVX already flying?

Harris does. Our head start is the revolutionary Integrated Multiplex System (IMS), flying today in the Agusta A129, shown.

Advanced aircraft can't meet their mission, weight and cost requirements with current avionics architectures: a proliferation of specialpurpose computers, software and support equipment.

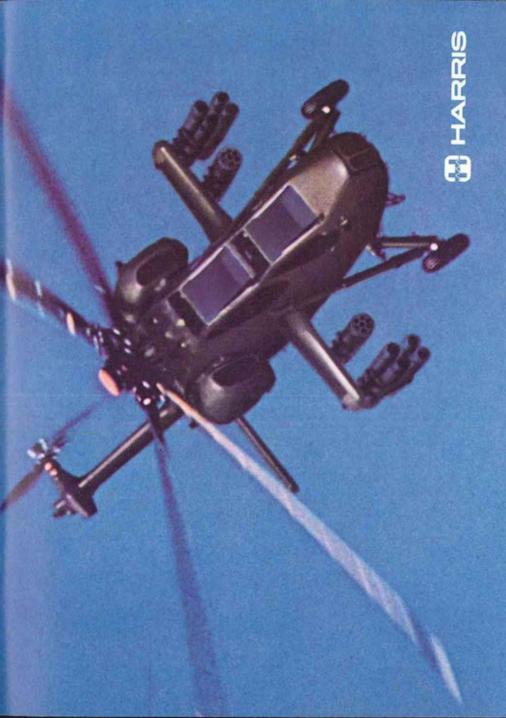
They'll need a totally integrated system ...such as our IMS. It does everything with one computer. One software system. One set of support equipment. Its automatic digital flight control/director both flies and navigates. The

system automatically manages cockpit functions and aircraft systems. It makes redundancy switching, maintenance monitoring, data recording and pilot advising all automatic. And makes reliability extremely high.

Besides reducing crew workload (potentially to zero), the IMS slashes weight, life-cycle costs and maintenance. Modular, multiprocessorbased, adaptable, it is flying proof that advanced avionics concepts are feasible today. The IMS shows how *Harris Aerosnace*

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For your information, our name is Harris.



satellites that transmit radio signals; the control segment, groundbased equipment to monitor the satellites and update their signals; and the user segment, devices to passively receive and convert satellite signals into user information.

Although GPS has been developed as a Department of Defense system, the civil aviation community is expected to use the system once suitable procedures have been put in place. The Army expects to install user equipment in a variety of land and air vehicles as well as a manpack. Army Aviation will be a major user with installation in most of the aircraft fleet.

GPS will provide the aircrew with present position or range and bearing from present position to a way point allowing navigation between any two points the aircrew selects. Once in place, this capability will allow the gradual phase-out of most DOD TACAN, VOR, NDB, LORAN and Omega systems worldwide. With its 3-D capability, BPS offers a potential landing capability better than current non-precision approaches. As an update for other navigation devices, such as doppler or inertial, it provides redundancy to increase the probability of mission success.

The GPS system will provide a two dimensional capability in FY88 and the third dimension the following year. Because of the broad impact on DOD position/navigation capability, a Joint GPS Steering Committee has been formed to oversee the implementation of GPS and the development of user procedures.

Microwave Landing System: The Army Microwave Landing System (AMLS) program. part of the National Microwave Landing System (NMLS) program, will provide a near all-weather precision approach and landing capability. The tactical ground subsystem is expected to be employed in division rear areas, corps, and echelons above corps. AMLS will be fully compatible with the civil fixed based MLS system as those systems are installed to replace ILS worldwide. In fact the Aviation Center will be one of the first recipients of fixed base systems, in 1987, as we gear up to equip the instrument training fleet and install civil MLS equipment at Cairns AAF and Troy Municipal Airport to support training.

Why MLS? The ILS has been the world's standard precision approach system since 1948. Throughout these 37 years, the system has undergone significant improvements in performance and dependability. It has served the world well and will continue to serve for some years since the transition to MLS will take time. There are three basic reasons for making the change from ILS to MLS.

 The VHF/UHF frequencies used for ILS have technical limitations. Antennas cannot be built large enough to be completely independent of ground effects. This limitation results in problems such as costly site preparation, interference, multipath reflections, and weather effects. Large antenna size is a primary reason tactical ILS systems have not been fielded.

 The ILS has a maximum of 40 channels available which limits facilities in some areas.

 The ILS provides only a single, narrow (± 3º to 6º) course and a single glidepath limited to 4º on the upper side.

These technical limitations are eliminated or sharply reduced with the higher frequencies and smaller antennas of MLS.

From an operator's point of view the operational advantages of MLS over ILS are impressive.

 The accuracy at threshold of all MLS will be suitable for autoland operations at all runways regardless of the operational IFR minimums. This single accuracy standard is an advantage to the operator and the airframe manufactors.

 There are no bends, no false courses, no false paths, no wiggles, and no bumps in an MLS approach. Most pilots that fly MLS for the first time indicate that "it's like flying a wire."

 Cockpit selection of azimuth and elevation will provide lower operating minimums for qualified aircraft at some locations. This provides a significant capability for Army aircraft, particularly the rotary wing fleet.

The Army plans to buy fixed base MLS replacements for all its ILS installations by 1995 and is participating with the Air Force in the development of a mobile **Tactical MLS (TMLS)** ground subsystem. For avionics, both military specification and 'off the shelf' airborne equipment will be examined before a decision is reached on how best to equip the aircraft fleet.

A closing word

As we move into the Spring months, we begin to fly more hours. This is the beginning of our prime training period of the year. The winter months may have taken the edge off those polished skills you had last fall. Take time for thorough planning and have a safe flight!



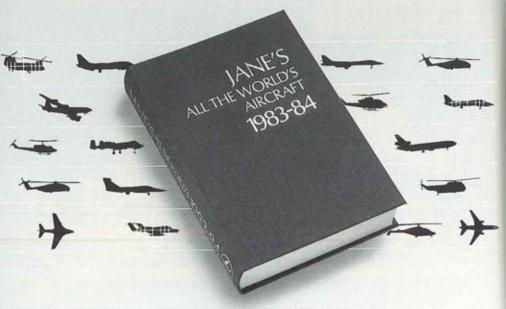
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IATIC

Objectives and Purposes



RACKGROUND

The Army Aviation Association of America (AAAA) was formed in early 1957 by a small group of senior aviation officers in the active Army, the Reserve Forces of the U.S. Army, and industry, Following the incorporation of the AAAA as a membership corporation without capital stock under the laws of the State of Connecticut. this group took over control of the affairs of the AAAA from the incorporators on April 18, 1957.

Modeled after several of the professional technical societies in existence, the AAAA grew rapidly, receiving the membership support of a majority of those military and civilian persons having an interest in this segment of the armed forces.

GENERAL PURPOSES

To advance the status, overall esprit, and the general knowledge and efficiency of those persons who are engaged professionally in the field of U.S. Army Aviation. including the Active Army, the Reserve Components, the aerospace industry, the various activities in the Department of the Army which support Army Aviation, such as the Army development, supply, and maintenance agencies, and all other activities, military and civilian, that contribute to the furtherance of Army Aviation.

To preserve and foster a spirit of good fellowship among military and civilian persons whose past or current duties affiliate them with the field of U.S. Army Aviation.

SPECIFIC OBJECTIVES

FOSTERING a public understanding of Army Aviation and arousing a public interest in this segment of the military forces.

EXCHANGING ideas and disseminating information pertinent to Army Aviation through the media endorsed by the Association.

MARCH-APRIL STIMULATING good fellowship nationally, regionally, and locally.

INSPIRING Army-wide and nationwide interest in Army Aviation careers.

CEMENTING relationships between

those interested in Army Aviation in the active U.S. Army forces and the Reserve Forces of the U.S. Army.

MOTIVATING Army Aviation personnel to increase their knowledge, techniques. and skills

MAINTAINING historical records.

CONDUCTING meetings seminars briefings, symposiums, exhibitions, air meets etc.

RECOGNIZING outstanding contributions within Army Aviation.

PROVIDING special types of group programs of benefit to the individual membership.

SPECIFIC PROGRAMS

An AWARDS PROGRAM in which outstanding individual and unit calendar year achievements receive National, Regional, and/or Chapter recognition.

A CHAPTER ACTIVITIES PROGRAM in which outstanding military and civilian leaders address the widespread Chapter organizations on specific areas of Army Aviation interest

A LOCATOR SERVICE PROGRAM, augmented by bi-monthly "segment rosters" of Retired, AWOs, DACs, Industry, ARNG-USAR, and Company Grade members, all of which serve to assist the member in his efforts to keep abreast of the location and professional qualifications of his contemporaries.

A SCHOLARSHIP AWARDS PROGRAM in which the sons and daughters of members and deceased members receive scholarship aid is pursued annually through the AAAA Scholarship Foundation, Inc., a separate, non-profit foundation that works closely with the AAAA.

A HALL OF FAME PROGRAM that recognizes broad, long term individual contributions to Army Aviation and to those who serve within it.

An ANNUAL NATIONAL CONVENTION at which distinguished panelists update attendees on current Army Aviation programs.

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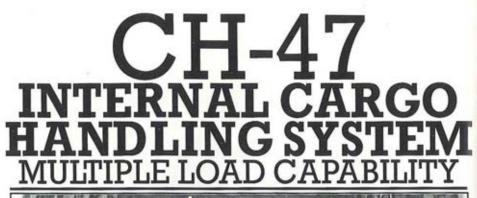
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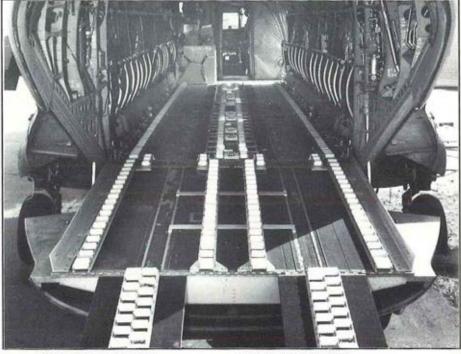
attack helicopters, acquiring targets at extended range from a masked position so they can employ their weapons at maximum standoff distance.

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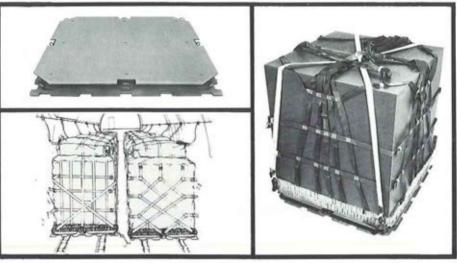




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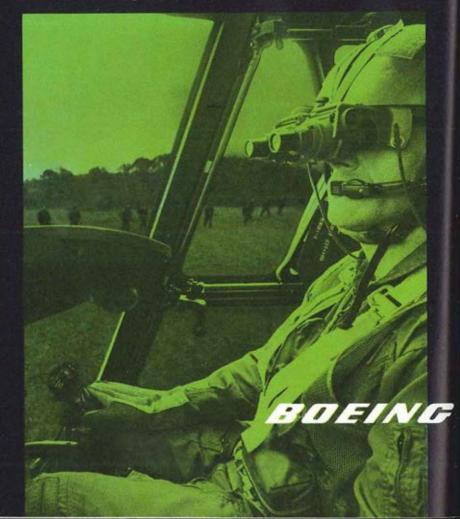
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25 . ARMY AVIATION



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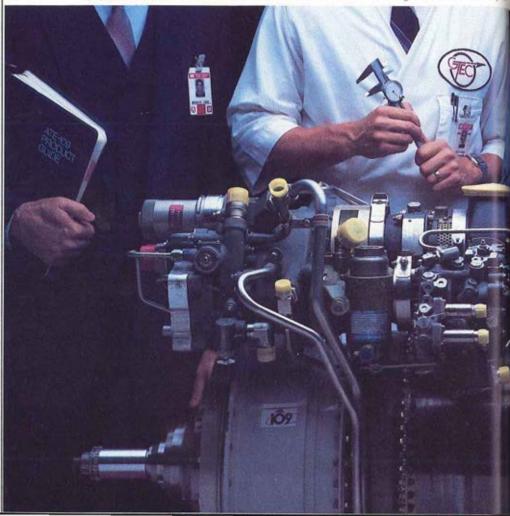
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In fact, both Garrett and Allison have a reputation for producing highly-reliable, low-cost turbine engines in the extremely competitive commercial market.

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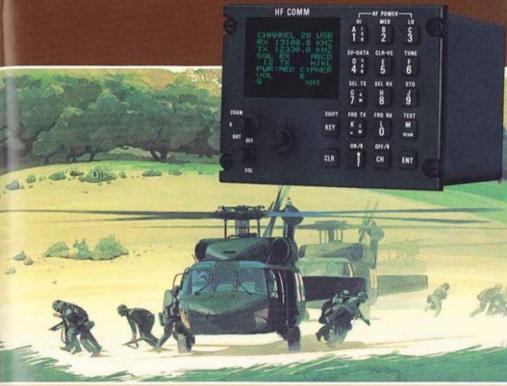
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to e MARCH-APRIL 1985

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What does the U.S. Army find so appealing about King HF? Several features make the AN/ARC-199 stand out. One is the MIL-STD 1553B data bus intueface which provides compatibility with the new avionic systems architecture. Other points in King's favor include the small size and light weight of the AN/ARC-199 (approximately 30 pounds including the CDU) and the reliability associated with King equipment. These weight and space savings allow for the addition of other mission payloads. Using four microprocessor chips, the AN/ARC-199 is able to automatically scan up to 20 preset channels and will then break squelch only when it recrives a transmission containing its unique address. Add to this feature BITE, selectable power output, secure voice and data compatibility plus the growth potential for frequency agility, frequency link analysis, anti-jam circuits, automated communications and electronic operating instructions—and you have the capability for a truly ADAPITVE HF SYSTEM.

King Radio is also producing the companion radio to the AN/ARC-199 the AN/VRG-86. This radio, which is functionally identical to the AN/ARC-199, will be installed at fixed sites or in Army vehicles. Both radios work with telephonelike simplicity, allowing helicopter pilots to keep in touch with ground forces during inctical operations.

Since winning the initial Army

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If King's tactical HF story interests you either from the standpoint of offthe-shell products or edaptations of the systems we are building, contact: Director, Special Programs Department, King Radio Corporation, 400 North Rogers Road, Olathe, Kanass 66062, (800) 255-6243, Telex WUD (0) 4-2299, Cable: KINGRAD.



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When the pilot glances in any direction, a helmet servo linkage causes the turret to aim automatically along his line of sight. HNVS can superimpose flight symbology on the helmet to further save the pilot from looking down at cockpit instruments. Hughes designed, developed, and produces the system.

<u>The new TOW 2 antitank missile</u> can be guided through battlefield smoke, haze, or dust—day or night—because of improvements made to the basic TOW launcher and night sight. The sight now functions as a totally independent, redundant fire control sensor, operating in parallel with the optical sight used to track the missile in daylight and clear visibility. In addition, a thermal beacon has been added to the aft end of the missile.

Digital electronics help make the TOW 2 more precise than its predecessors. The launcher contains dual digital microprocessors in its guidance set instead of the original analog computer. The more powerful computing capabilities of the digital equipment provide more accurate guidance. The TOW 2 launcher can also be used to fire the original TOW missile and the Improved TOW version. Hughes produces the wire-guided TOW 2 for the U.S. Army and Marine Corps.

For more information write to: P.O. Box 11205, Dept. 67-13, Marina del Rey, CA 90295



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Winner: Daniel L. Peduzzi, son of LTC Lawrence P. Peduzzi, Burke, Virginia — (AAAA Interviewer: COL Gall O. Bowen)

THE WASHINGTON, D.C. CHAPTER SCHOLARSHIP - \$1,000,00 •

Winner: Leslie M. Mahin, daughter of MG George W. Putnam, Jr., Ret., Falls Church, Virginia — (Second Teacher's Report accepted in lieu of AAAA Interview)

THE B. HOWARD DEAN MEMORIAL SCHOLARSHIP — \$1,000.00 Å

Winner: Penny L. Post, daughter of Mr. Martin Post, Freehold, New Jersey — (AAAA Interviewer: MAJ Norman H. Svarrer, Ret.)

THE DELBERT L. BRISTOL MEMORIAL SCHOLARSHIP — \$500.00 Winner: John Michael Truscott, son of COL James J. Truscott, Medical TAFT, USMTMSA, APO New York — (AAAA Interviewer: LTC Frank A. Cory)

THE JANE PHILLIPS MEMORIAL

SCHOLARSHIP — \$500.00 Winner: Mark C. Bell, son of LTC Jerry C. Kemp, HHC, 17th CAG, APO San Francisco, — (AAAA Interviewer: LTC George Shirilla)

THE JACK H. DIBRELL MEMORIAL SCHOLARSHIP — \$500.00

Winner. Lorl Shay Dandridge, daughter of MAJ Wayne L. Dandridge, Mt. Pleasant, South Carolina — (AAAA Interviewer: LTG Jack V. Mackmull, Ret.)

> THE JOHN C. GEARY MEMORIAL SCHOLARSHIP — \$500.00

Winner: Barry M. Smithmler, son of CW4 Billy R. Holt, Ret., Benton, Kentucky — (Second Teacher's Report accepted in lieu of AAAA Interview)

THE BILLY R. HAWKINS MEMORIAL SCHOLARSHIP — \$500.00

Winner: Mark A. Stamilio, son of LTC Michael E. Stamilio, Harrisburg, Pennsylvania — (Second Teacher's Report accepted in lieu of AAAA Interview)

1985 MERIT AWARD PLAQUE WINNERS Jennifer A. Canterbery, daughter of Ms. Ann Canterbery, Florissant, Missouri

Charles R. Hess, son of CW4 Carl L. Hess, Ret., Ozark, Alabama

Wanda H. Yates, daughter of COL Walter H. Yates, Jr., Harker Heights, Texas Aaron A. Young, son of COL Ray A. Young.

Ret., Oakton, Virginia

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Penny L. Post



Barry M. Smithmier



Wanda H. Yates



John M. Truscott



Mark A. Stamilio



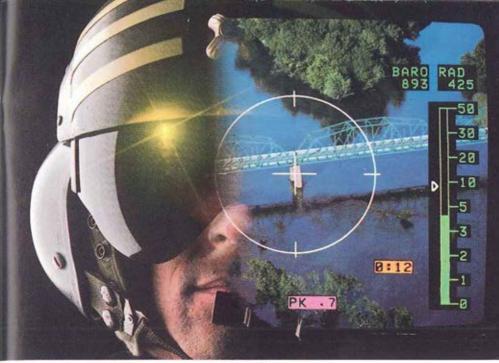
Aaron A. Young



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A pilot on a military mission has little time to make decisions. Split seconds at most.

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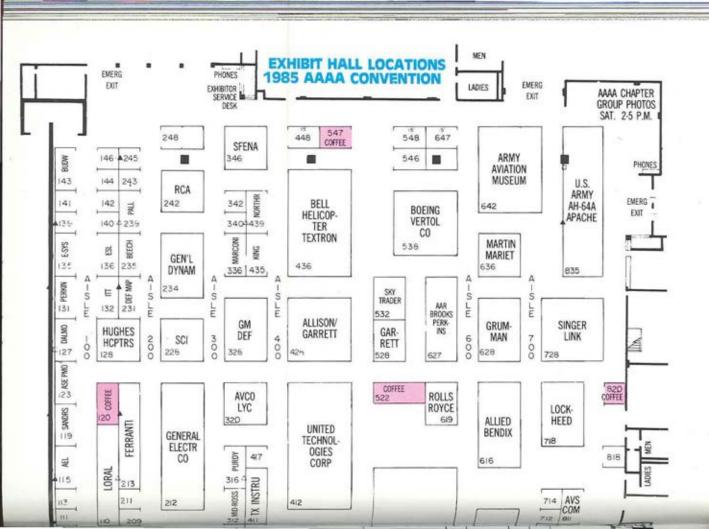
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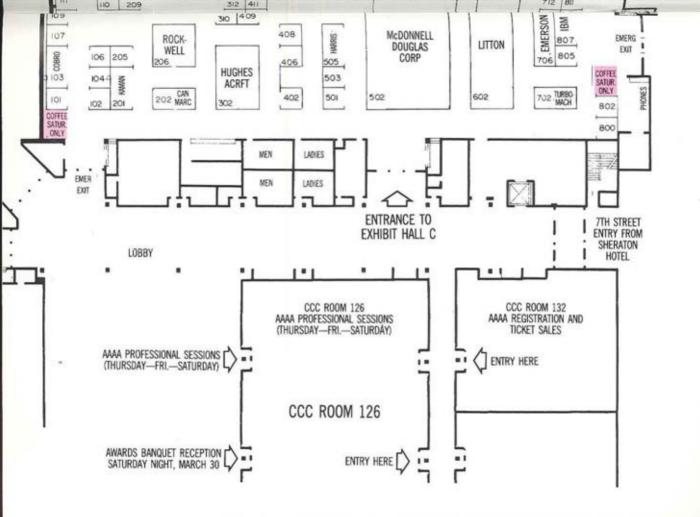
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Accessory Removal/ Replacement Times Reduced	4 To 25 Minutes	2 To 16 Minutes
Mean Time Between	4 10 20 11110100	E TO TO MINIMUSO
Unscheduled Maintenance Action	Over 220 Hours	370 Hours
Mean Time Between Engine		
Removals, Engine-Caused	1220 Hours	3570 Hours
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In combat, time is of the essence. Winning or losing can depend on the real-time detection and attack of advancing armor.

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1985 Convention Program

A COLUMN OF	0700-2100 — CCC Room 132 1985 AAAA National Convention REGISTRATION AND TICKET SALES *Denotes functions held in Sheraton Hotel	THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY
	0800-1130 — Plaza Ballroom* Six Presentations - Sponsored by the USAAVNC AVIATION NCO CONFERENCE (Convention Badge Required)	THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY
	0830-1130 — Boulevard B* AAAA NATIONAL EXECUTIVE BOARD MEETING (First Session of National Board's Quarterly Business Meeting)	THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY
AND	1130-1245 — Boulevard A* NATIONAL BOARD LUNCHEON Members and Spouses. Scholarship Found'n Board Business Meeting. Chapter Presidents and Spouses. Buffet with informal seating.	THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY
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	1400-1405 — CCC Room 126 "Welcome to St. Louis—1985" MAJ. GENERAL JAMES C. SMITH, RET. President, Army Aviation Association of America	THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY

1985 Convention Program

1405-1415 — CCC Room 126 "The 1985 Professional Program" BRIG. GENERAL RONALD K. ANDRESON Project Manager—LHX and Chairman of the 1985 AAAA Presentations Subcommittee

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1415-1440 — CCC Room 126 Keynote Address GENERAL ROSCOE ROBINSON, JR. U.S. Representative to the North Atlantic Treaty Organization

1440-1505 — CCC Room 126 The Role of TRADOC MAJ. GENERAL CARL H. MCNAIR, JR. DCS for Combat Developments, U.S. Army Training & Doctrine Command

1515-1540 — CCC Room 126 The Role of the Aviation Center MAJ. GENERAL ELLIS D. PARKER Commanding General, U.S. Army Aviation Center & Chief, Aviation Branch

1540-1605 — CCC Room 126 The Role of Aviation Systems Command MAJ. GENERAL ORLANDO E. GONZALES Commanding General, U.S. Army Aviation Systems Command

1605-1630 — CCC Room 126 The Role of Department of the Army BRIG. GENERAL WAYNE KNUDSON Director of Requirements and Army Aylation Officer, ODCSOPS, Department of the Army











Laser warning receivers for aircraft survivability



Aircraft survivability in the modern battlefield depends on the deployment of sensors responsive to new threats.

Perkin-Elmer has developed the AN/AVR-2 Laser Warning Receiver to protect U.S. Army and Marine helicopters from hostile laser-aided weapons. The AN/AVR-2 detects, identifies and locates the laser radiation source. Modular design provides for pre-planned product improvement meeting the requirements of new laser threats. The AN/AVR-2 Laser Warning Receiver is integrated with the AN/APR-39 Radar Warning Receiver for video display, audible alert and BITE functions.

The U.S. Army has successfully completed tactical performance evaluations of the AN/AVR-2. Simulated attack missions conducted at Fort Knox, Kentucky demonstrated that laser warning substantially improves combat helicopter survivability and effectiveness. Field tests in Army and Marine helicopters and Navy fixed-wing aircraft continue.

Other Perkin-Elmer laser warning receivers, based on this test-proven design, have been field tested in a U.S. Army ground vehicle and by the U.S. Air Force.

For additional data contact Electro-Optical Division, MS 967, 100 Wooster Heights Road, Danbury, CT 06810, or call (203) 797-6015.

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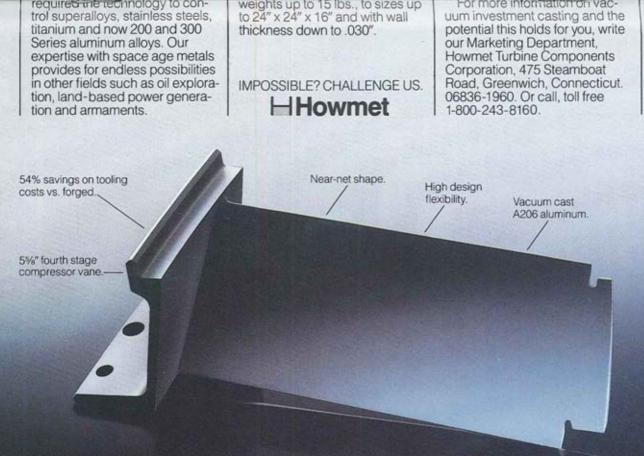
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1985 Convention Program

CCC Room 126

1630-1715 THURSDAY **Ouestions & Answers—Thurs, P.M. Presenters** THURSDAY THURSDAY PANEL SESSION THURSDAY Moderator: Brig. General Ronald K. Andreson THURSDAY THURSDAY Chairman, 1985 Presentations Subcommittee THURSDAY THURSDAY THURSDAY 1715-1730 THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY 1730-2030 THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY 2200-0100 THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY THURSDAY FRIDAY FRIDAY FRIDAY 0700-2100 FRIDAY FRIDAY FRIDAY FRIDAY FRIDAY FRIDAY FRIDAY FRIDAY FRIDAY 0715-0815 FRIDAY FRIDAY FRIDAY FRIDAY FRIDAY

CCC Room 126 Preliminary Planning for the 1985 Competition LT. COLONEL ROBERT E. HARRY A briefing on the forthcoming Ft. Rucker trials for the U.S. Helicopter Team CCC Exhibit Hall C EARLY BIRDS' RECEPTION The First Swarming — Welcome to St. Louis by your Lindbergh Chapter Convention City Hosts 1st Drink on the House for Thurs, Registrants Cloud 9* CHAPTER HOSPITALITY SUITES The Thursday Night Hosts are the Chapters in Georgia, Texas, Connecticut, New York, Pennsylvania, Maryland, and U.S. Army, Europe. (Admission by Registration Badge Only) CCC Room 132 **1985 AAAA National Convention** REGISTRATION AND TICKET SALES *Denotes functions held in Sheraton Hotel **Robert E. Lee Room*** PANELISTS-PRESENTERS' BREAKFAST AAAA Working Breakfast for '85 Presenters Host: MG James C. Smith, Nat'l President











HOW THE HIDE-WHILE-YOU-SEEK SIGHTING SYSTEM TAKES THE SHAKES OUT OF BATTLEFIELD TARGETING.

While the helicopter hovers below tree and ridge lines, only the steerable, ball-shaped Mast-Mounted Sight is exposed to hostile eyes. The crew sees without being seen.

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The McDonnell Douglas Mast-Mounted Sight is now being flown on Bell Helicopter Kiowa Aeroscouts under a fixed price development contract.

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1985 Convention Program

FRIDAY 0715-0815 U.S. Grant Room* FRIDAY PRESIDENTS-SECRETARIES BREAKFAST FRIDAY AAAA Breakfast for Key Chapter Officers FRIDAY FRIDAY Host: Dale Kesten, Director of Programs FRIDAY FRIDAY FRIDAY 0730-0920 Plaza Ballroom* FRIDAY FRIDAY NCO Conference—Sponsored by the USAAVNC FRIDAY PANEL SESSION FRIDAY "The Role of Aviation NCO's in the 1990's" FRIDAY FRIDAY Moderator: Command Sergeant Major Roger W. FRIDAY Putnam, USA Aviation Center, Fort Rucker, Ala. FRIDAY FRIDAY FRIDAY 0900-1030 -**Plaza Ballroom Fover*** FRIDAY AAAA SPOUSES' BREAKFAST FRIDAY FRIDAY Hostesses: "J" Andreson, Ilah Rosher, Willa Marr, FRIDAY Jean Williams, Helene Wright, "Jake" Beatty, FRIDAY Laura Gerard, Claudine Putnam, & Sue Stevens FRIDAY FRIDAY FRIDAY FRIDAY 0830-0855 CCC Room 126 FRIDAY Army Initiatives in Aviation R & D FRIDAY FRIDAY **RICHARD B. LEWIS, III** FRIDAY Chief Scientist, Office, Deputy Chief of Staff FRIDAY FRIDAY for Research, Development & Acquisition, DA FRIDAY FRIDAY FRIDAY CCC Room 126 0855-0920 FRIDAY **Combat Developments** FRIDAY FRIDAY **COLONEL CLARK A. BURNETT** FRIDAY Director, Directorate of Combat Developments, FRIDAY FRIDAY U.S. Army Aviation Center, Ft. Rucker, Ala. FRIDAY FRIDAY FRIDAY 0925-0950 CCC Room 126 FRIDAY FRIDAY **AVSCOM's Role in Meeting Requirements** FRIDAY **CHARLES C. CRAWFORD** FRIDAY Technical Director, U.S. Army Aviation FRIDAY FRIDAY Systems Command, St. Louis, Mo.















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0950-1015 — CCC Room 126 The Light Helicopter Family (LHX) BRIG. GENERAL RONALD K. ANDRESON Project Manager—LHX, U.S. Army Aviation Systems Command, St. Louis, Mo.

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1015-1045 — CCC Room 126 Questions & Answers—Friday A.M. Presenters **PANEL SESSION** Moderator: Major General Orlando E. Gonzales Commanding General, USA AVSCOM

1045-1145 — Exhibit Hall "C" **ENJOY A REFRESHMENT BREAK!** See another fifth of the 100 + Industry Member Displays and Chat with Old Friends (Three Widespread Coffee/Cocktail Bars)

1145-1350 — Plaza Bailroom* **1985 AAAA MEMBERSHIP LUNCHEON** MG James C. Smith, President-AAAA, M.C. (There is unreserved seating at this sitdown Luncheon — Sit with Your Friends!)

1400-1425 — CCC Room 126 The Role of FORSCOM COL (P) RODNEY D. WOLFE Aviation Officer, U.S. Army Forces Command, Fort McPherson, Ga.

1425-1450 — CCC Room 126 The Role of the National Guard BRIG. GENERAL RICHARD D. DEAN Deputy Director, Army National Guard The Pentagon, Washington, D.C.











LHX The Integration of Man and Technology

The challenge: the single-pilot LHX.

It's a challenge that is being met by the Hughes Helicopters LHX team conducting man-in-theloop simulation with the McDonnell Aircraft Company (MCAIR) LHX simulator.

Full mission simulation for the Army's LHX is now in place at MCAIR, home of the world's most advanced manned air combat simulation facility. The unique MCAIR facility provides high-fidelity simulations of a wide variety of operational missions and scenarios encompassing countermeasures, weather, weapons, tactics and threats. Engineers, scientists and test pilots from the Hughes Helicopters LHX team—working in conjunction with Army pilot evaluators—will appraise candidate LHX cockpit configurations having various levels of automation to determine the operational desirability of the single-pilot cockpit.

In addition to MCAIR, members of the Hughes Helicopters LHX team include Hughes Aircraft Company and Honeywell.

Hughes Helicopters, Inc. Culver City, California 90230 USA A Subsidiary of McDonnell Douglas

	1985 Convention Program
FRIDAY	1450-1515 — CCC Room 126 The Role of the Army Reserve
FRIDAY	
FRIDAY	BRIG. GENERAL HARRY J. MOTT, III
FRIDAY	Deputy Chief, Army Reserve
FRIDAY	The Pentagon, Washington, D.C.
FRIDAY	The Pentagon, Washington, D.c.
FRIDAY	
FRIDAY	4545 4540 000 Boom 400 55
FRIDAY	1515-1540 — CCC Room 126
FRIDAY	Aviation in U.S. Army, Europe
FRIDAY	COLONEL JAMES W. LLOYD
FRIDAY	
FRIDAY	Aviation Officer, U.S. Army Europe, and
FRIDAY	Seventh U.S. Army, APO New York
FRIDAY	
FRIDAY	
FRIDAY	
FRIDAY	1540-1605 — CCC Room 126
FRIDAY	The Role of the Aviation Logistics School
FRIDAY	MAJ, GENERAL AARON L, LILLEY
FRIDAY	
FRIDAY	CG, U.S. Army Transportation Center and
FRIDAY	Commandant, USA Aviation Logistics School
FRIDAY	
FRIDAY	
FRIDAY	1610-1640 — CCC Room 126
FRIDAY	
FRIDAY	Questions & Answers—Friday P.M. Presenters
FRIDAY	PANEL SESSION
FRIDAY	Moderator: Brig. General Ronald K. Andreson
FRIDAY	
FRIDAY	Chairman, 1985 Presentations Subcommittee
FRIDAY	
FRIDAY	
FRIDAY	1640-1800 — Exhibit Hall "C"
FRIDAY	AMAR
FRIDAY	ENJOY A REFRESHMENT BREAK!
FRIDAY	See another fifth of the 100 + Industry
FRIDAY	Member Displays and Chat with Old Friends
FRIDAY	
FRIDAY	(Three Widespread Refreshment Stations)
FRIDAY	
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FRIDAY	1645-1915 — Room 1929*
FRIDAY	"Vintage is Everything!"
FRIDAY	the second se
FRIDAY	1985 CUB CLUB REUNION
FRIDAY	Ace Phillips and Lee Wilhelm, Co-Chairmen
FRIDAY	Don Luce, Chief Flight Instructor

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How the enemy sees the Apache at night.

How the Apache sees the enemy

Thanks to the TADS/PNVS.

The Apache, unlike the illustrious warriors it's named after, stays on the warpath at night.

Flying low-level night missions, the Apache pilots can see where they're going and, for the first time, can see targets without depending on flares and other illumination.

What enables the Apache to find and attack targets day and night is TADS/PNVS.

The Pilot Night Vision Sensor (PNVS) permits battlefield navigation at night and in adverse weather. Army helicopter pilots can now confidently fly nap-of-theearth in darkness.

The Target Acquisition and Designation Sight (TADS) locates and designates a target with laser, day or night, tracking it for attack with Hellfire missiles or other weapons.

The laser designator can also mark targets for attack by ground artillery firing laser-seeking Copperhead projectiles.

By providing longer recognition ranges and shorter exposure to enemy fire, TADS/PNVS—designed and produced by Martin Marietta—gives the U.S. Army's powerful attack helicopter a better chance to survive. And it enables the Apache to do something the enemy can no longer do: hide under cover of darkness.

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1985 Convention Program

FRIDAY SATURDAY 1900-2030 — Plaza Ballroom* "Meet the Prez!"—Receiving Line **THE PRESIDENT'S RECEPTION** Informal—5 Steamship Rounds—First Two Cocktails the House—Hot Hors D'Oeuvres

2200-0100 — Cloud 9* **CHAPTER HOSPITALITY SUITES** The Friday Evening Suites are hosted by the Avn Center, Fort Hood, Colonial Va., Ft. Bragg, Monmouth, and Far East Chapters of AAAA. (Admission by Registration Badge Only)

0700-2030 — CCC Room 132 **REGISTRATION AND TICKET SALES** AAAA Desks open for Exhibit Hall Registration and the pickup of Saturday-Sunday Tickets. * Denotes functions in Sheraton Hotel

0730-0830 — Plaza Ballroom* "1985 First Light Breakfast"—By Invitation Only **MS. AMORETTA M. HOEBER** Principal Deputy Assistant Secretary of the Army (RDA), Guest Speaker "The Chemical Warfare Threat to Army Aviation"

0845-1245 — Sheraton Lobby to Start* AAAA SPOUSES' TOUR

Sightseeing Tour of Downtown St. Louis* Co-Chaired by Mrs. "J" Andreson and Ilah Rosher

0845-0925 — CCC Room 126 A Joint Presentation on the AH-64A Program by MAJ. GENERAL CHARLES F. DRENZ Program Manager—Advanced Attack Helicopter St. Louis, Mo.









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detection for cueing narrow beam surveillance/fire control radars. It identifies and localizes primary or secondary targets for jammer set on.

> Platform versatility. That's what distinguishes our MicroCue system today. Unique modular architecture in both antenna and processor units enables the system to adapt to a vir-tual multitude

of helicopters and ground systems. Whether installed in either a fixed or moving mount, MicroCue will deliver a highly precise-and vitalfunction, even in a severe multi-path environment. The MicroCue Radio Frequency

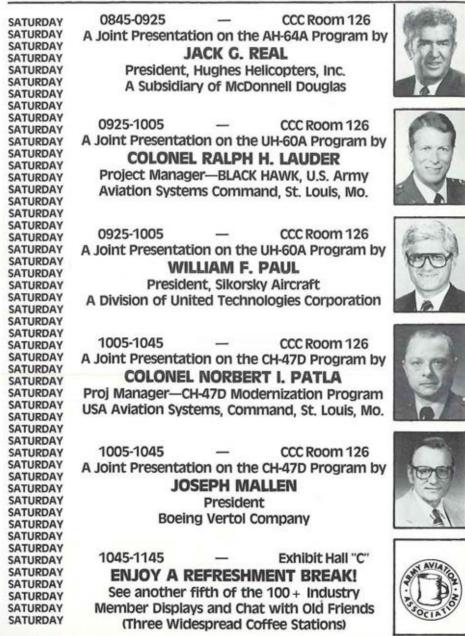
Interferometer System is a force multiplier you can't afford to be without. For a free copy of our detailed MicroCue brochure. write or call: Director of EW Marketing, Litton Amecom, 5115 Calvert Road, College Park, Maryland 20740.

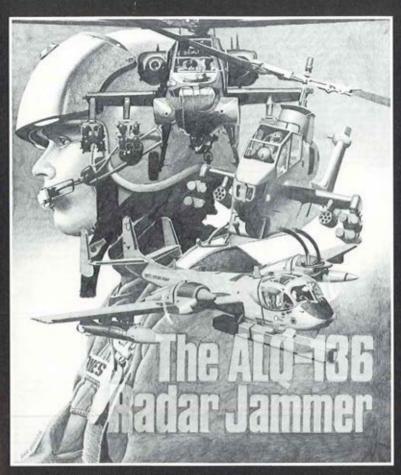
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requires detection, identification and location of enemy radars from helicopters and ground systems, take a cue from us.

THE RADIO FREQUENCY INTE

1985 Convention Program



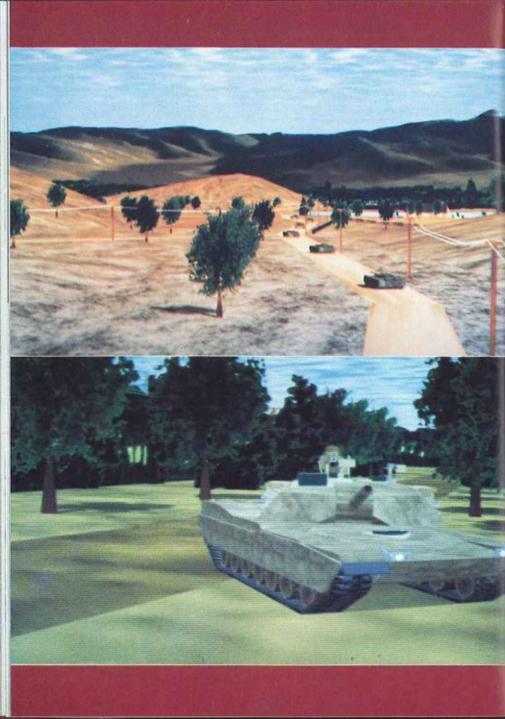


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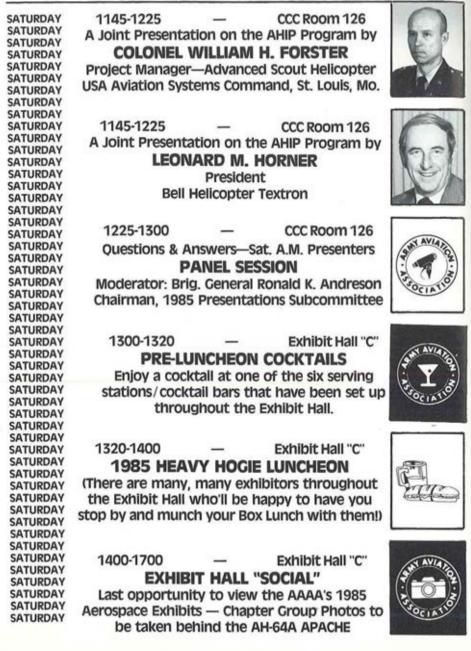


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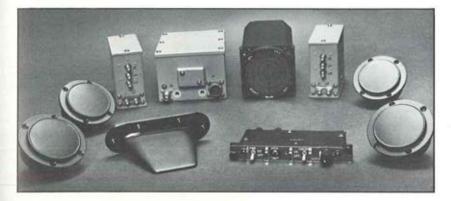
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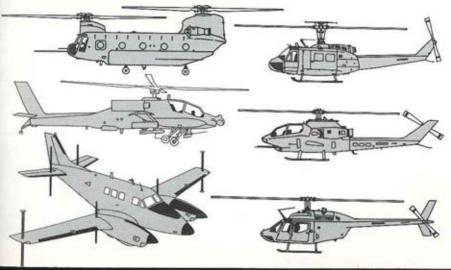
Blackhawk helicopters and others. It is deployed in SEMA fixed-wing plat-forms. The AN/APR-39 (V)1 is also in use on various Allied Forces highperformance aircraft. The system has been gualified and is being procured for U.S., NATO and other Allied Forces.

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	1985 Convention Program
SATURDAY	1830-1930 — CCC Room 126
SATURDAY	1985 AAAA NATIONAL
SATURDAY	
SATURDAY	AWARDS BANQUET RECEPTION
SATURDAY	Black Tie — Your first two Reception
SATURDAY	
SATURDAY	Cocktalls are "on the house"!
SATURDAY	
SATURDAY	
SATURDAY	1930-2215 — Cervantes Promenade
SATURDAY	1985 AAAA AWARDS BANQUET
SATURDAY	
SATURDAY	Maj. Gen. James C. Smith, Ret., M.C.
SATURDAY	Black Tie or Dark Business Suit
SATURDAY	Reserved (Assigned) Seating Plan Followed
SATURDAY	
SATURDAY	0000 0100
SATURDAY	2200-0100 — Cloud 9*
SATURDAY	CHAPTER HOSPITALITY SUITES
SATURDAY	The Saturday Evening Hosts are the six largest
SATURDAY	
SATURDAY	Chapter Activities in AAAA — Avn Center, Air
SATURDAY	Aslt, Corpus Christi, Lindbergh, DC, and S. Calif.
SATURDAY	(Admission by Registration Badge Only)
SATURDAY	
SUNDAY	
SUNDAY	0900-0945 — Sheraton Boulevard "B"*
SUNDAY	AAAA NATIONAL EXECUTIVE
SUNDAY	
SUNDAY	BOARD MEETING
SUNDAY	Second Session of the National Board's
SUNDAY	Quarterly Business Meeting
SUNDAY	the corry business meeting
SUNDAY	
SUNDAY	0930-1030 — Sheraton Room 1929*
SUNDAY	AMAN
SUNDAY	GET-AWAY CHAMPAGNE
SUNDAY	A Toast to AAAA-1985 — Complimentary
SUNDAY	Bubbly, "Thanks to you know Hu"
SUNDAY	BUDDIY, Mariks to you know Hu
SUNDAY	
SUNDAY	
SUNDAY	
SUNDAY	
SUNDAY	0930-1200 — Sheraton Plaza Ballroom*
SUNDAY	THE "AVIATION BRUNCH"
SUNDAY	End "SL-1985" at an All-You-Can-Eat Brunch
SUNDAY	
JUNDAT	The place to say goodbye to your friends!

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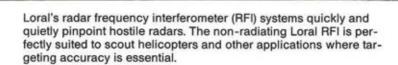
27TH AA		VENTION
	30, 1985 — ST. LOUIS SHERA	
THURSDAY NIGHT, MARCH 28 (10:00 P.M1:00 A.M.) •	FRIDAY NIGHT, MARCH 29 (10:00 P.M1:00 A.M.) •	SATURDAY NIGHT, MARCH 30 (10:30 P.M1:00 A.M.) •
Baliroom East Georgia Suite Co-Hosts: COL(P) Rod Wolfe*, Great er Atlanta; LTC Jim Kenton*, "Fol- low Me"; LTC Billy Pearson*, Coast al Empire Chap. (Hunter-Stewart)	Ft. Rucker, AL	Ballroom East Army Avn Center Chapter Host: MG "Don" Parker Hon. Chapter President Ft. Rucker, AL

Baliroom Center Texas Suite Co-Hosts: Ray Swindell*, North Texas Chapter, COL Jack Turecek* Ft Hood Chapt.; CW4 Ken Pruitt*, Lone Star Chapter DFW-Ft.Hood-Austin, TX	, Hood Chapter; Ray Swindell*,	Bailroom Center Texas Suite Co-Hosts: COL Tom Walker*, Co pus Christi Chapter; and COL Engle Scott*, Jack H. Dibrell (Alamo) Chapter Corpus Christi-San Antonio, TX
Baliroom West Connecticut Chapter Host: LTC Vince Balley Chapter President Stratford, CT	Baliroom West Colonial Virginia Chapter Host: COL Ron Bellows Chapter President Forts Eustis-Monroe, VA	Baliroom West Air Assault Chapter Host: COL Barry Sottak Chapter President Fort Campbell, KY
Ballroom Foyer (4) Keystone-Link Suite Co-Hosts: COL John Stanfield*, Del- aware Valley Chapter; MAJ Simon Miller*, Indiantown Gap Chapter; Dave Woods*, Edwin A. Link Chap.	Chapter President Fort Bragg, NC	Bailroom Foyer (4) Lindbergh Chapter Host: BG "Andy" Andreson Chapter President St. Louis, MO
Chapter Senior V.P.	Boulevard "B" (5) USAFFE Suite Co-Hosts: COL Bill Page", Morning Calm (Korea) Chap; MAJ Ronnie Hopkins, Aloha of Hawaii Chapter APO San Francisco, CA	Chapter President

Boulevard "A" (6) USAREUR Suite (Tentative) Co-Hosts: COL Jim Lloyd, USAREUR Regional Sr VP, and all Regional members in attendance from APO New York, NY	Boulevard "A" (6) Monmouth Chapter Host: Dick Steele Chapter Vice President Fort Monmouth, NJ	Boulevard "A" (6) PAC-2 Suite Co-Hosts: COL Dan Delany, S. Cal ornia Chapter; LTC Bill Reeder Mt. Rainler (Ft Lewis) Chapter

anticipated member/spouse attendance, the size of the suite, and the Chapter's expressed additional space needs for food and music. • Thursday and Friday night suite starting and closing times are fixed; the Saturday night suite closing time is arbitrary. The names of the "Hosts" shown are those of the Chapter Presidents (*), are subject to change, and may not necessarily be those of the actual members who'll serve as the Suite Hosts on the dates shown.



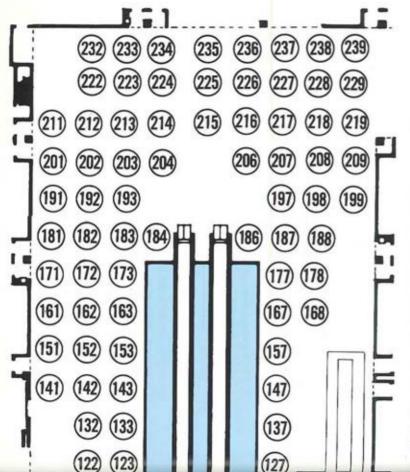


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1985 Awards Banquet Table Seating Plan

Allied Bendix Corporation 167 Allison Gas Turbine Division. 96, 112, 67 American Electronic Laboratories . . 183 Avco Lycoming Div . 157, 162, 203, 215 Beech Aerospace Services, Inc 24 Beech Aircraft Corporation 23 Bell Helicopter Textron 147, 172 Boeing Vertol Company . . 87, 74, 52, 15 Canadian Marconi Company . . . 85, 92 Control Data Corporation 26 Dynalectron Corporation 187, 48 Emerson Electric Company 113, 73, 202 General Dynamics Corporation 27 General Electric Company . . . 123, 204 Grumman Corporation 93, 33

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AAAA National Office

Grunnan oorporation













1985 Awards Banquet

Welcome to Attendees by **PAUL L. HENDRICKSON** Co-Chairman of the 1985 AAAA National Awards Banquet

Introduction of the Head Table Guests by MAJ. GEN. JAMES C. SMITH, RET. National President Army Aviation Association of America

Presentation of Colors and Invocation by CHAPLAIN (MAJOR) DAVID T. FANTA Chaplain, St. Louis Area Support Center

The "Robert M. Leich Special Award" presented by MAJ. GEN. JAMES C. SMITH, RET. National President Army Aviation Association of America

The "Outstanding Reserve Component Aviation Unit Award" presented by **MAJ. GEN. ELLIS D. PARKER** Commanding General, U.S. Army Aviation Center, and Ft. Rucker, Ala., and Chief of the Aviation Branch

The "James H. McClellan Aviation Safety Award" presented by HON. HOWARD E. HAUGERUD President, The McClellan Foundation Washington, D.C.

Lear Siegler System Enhancement Thru SOLID-STATE DATA MANAGEMENT



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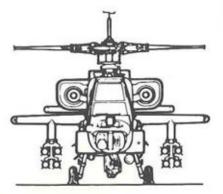


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1985 Awards Banquet













The "Department of the Army Civilian of the Year Award" presented by MAJ. GEN. ORLANDO E. GONZALES Commanding General, U.S. Army Aviation Systems Command, St. Louis, Missouri

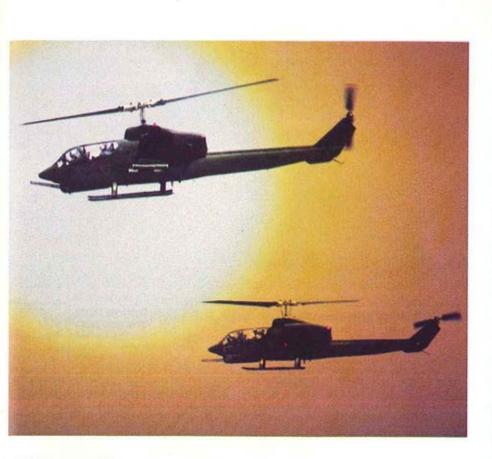
The "Aviation Soldier of the Year Award" presented by LT. GEN. JOSEPH T. PALASTRA, JR. Commanding General, I Corps and Fort Lewis, Washington

The "Army Aviator of the Year Award" presented by LT. GEN. CHARLES W. BAGNAL Deputy Commanding General, U.S. Army Training and Doctrine Command, Fort Monroe, Virginia

The "Outstanding Aviation Unit of the Year Award" presented by **GENERAL RICHARD H. THOMPSON** Commanding General, U.S. Army Materiel Command Alexandria, Virginia

Remarks by **PRESIDENT SMITH** and Transfer of the AAAA Gavel to 1985-1986 National President

Closing by MAJ. GEN. GEORGE W. PUTNAM, JR., RET. and Benediction by Chaplain Fanta followed by the Retirement of the Colors



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1985 Award Winners



Aviator of the Year Award

COL Robert L. Stewart NASA Astronaut Lyndon B, Johnson Space Center, Houston, TX

Soldier of the Vear Award

SSG Ronnie Garrett 11th Combat Aviation Squadron, 11th Armored Cavalry Rgmt APO New York 09146



Aviation Unit of Year Award

210th Combat **Aviation Battalion** Fort Kobbe, Panama Accepted for the unit by LT COL Theodore A. Duck the unit commander.



PHOTO NOT REC'D

Aviation Unit of Year Award

210th Combat Avn Bn Fort Kobbe, Panama Accepted for the unit by 1SGT Victor L. Moss, one of the unit's Senior Non-**Commissioned Officers**



Aviation Unit Award (RC)

40th Combat Aviation Battalion California ARNG Accepted for the unit by LT COL James Ghormley, the unit commander.

Robert M. Leich

Special Award

Accepted for the unit by

COL Terence M. Henry,

the unit commander.

The U.S. Army

Safety Center

Fort Rucker, AL

Avlation Unit Award (RC) **40th Combat Aviation Battalion California ARNG** Accepted for the unit by CSM William Sellings, the unit's senior Non-**Commissioned Officer.**



DAC of the Year Award Mr. Robert A. Robbins





McClellan Safety Award CW4 Ralph V. Tolbert 6th Cavalry Brigade (Air Combat)

Fort Hood, TX





Robert M. Leich Special Award

The U.S. Army **Safety Center** Fort Rucker, AL Accepted for the unit by COL Joseph R. Koehler, Ret., the unit's former commander.





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Awards Background

In presenting its annual National Awards, the Army Aviation Association has been honored by the Awards Banquet attendance and participation of many of the key leaders of the United States Army who have served as presenters.

Among those who have presented AAAA National Awards over the years were:

Presenters of the "Aviation Soldier of the Year Award"

Hon, Elvis J. Stahr, Secr. of the Army, 1961 Hon. Stephen Ailes, Under Secretary, 1962 Hon. Cyrus R. Vance, Secr. of the Army, 1963 Hon. Stephen Ailes, Secr. of the Army, 1964 Hon, Stanley R. Resor, Secr. of the Army, '65, 1967-70 GEN Frank S. Besson, CG, AMC, 1966 Hon. Robt. F. Froehlke, Secr. of the Army, 1971 Hon. Kenneth BeLieu, Under Secretary, 1972 Hon. Norman R. Augustine, Under Secr., '73, 1975-6 Hon, Herman R. Staudt, Under Secretary, 1974 Hon, Walter B. LeBerge, Under Secr., 1977 GEN Frederick J. Kroesen, Vice Chief, 1978 GEN Robt. M. Shoemaker, CG, FORSCOM, 1979-80 LTG Marion C. Ross, DCG, FORSCOM, 1981 LTG John N. Brandenburg, CG, I Corps, 1982-3 LTG James H. Merryman, DCSRDA, 1984

Presenters of the

"Outstanding Aviation Unit Award"

LTG John C. Oakes, DCSOPS, 1960 GEN George H. Decker, Chief of Staff, 1961 GEN Earle G. Wheeler, Chief of Staff, 1962 GEN Barksdale Hamlett, Vice Chief, 1963 GEN Harold K. Johnson, Chief of Staff, 1964-7 GEN William C. Westmoreland, CofS, '68, 1970-1 GEN Bruce Palmer, Jr., Vice Chief, 1969 GEN Creighton W. Abrams, Jr., CofS, 1972-3 LTG John R. Deane, Jr., Acting VCS, 1974 GEN Frederick C. Weyand, Chief of Staff, 1975 GEN Walter P. Kerwin, Jr., Vice Chief, 1976 GEN Frederick J. Kroesen, Vice Chief, 1977 GEN Bernard W. Rogers, Chief of Staff, 1978-9 GEN Edward C. Meyer, Chief of Staff, 1980-1 LTG Marion C. Ross. DCG. FORSCOM, 1982-3 GEN Donald R. Keith, CG, DARCOM, 1984

Presenters of the

"Army Aviator of the Year Award"

BG Robert M. Leich, Pres., AAAA, 1959 Bryce Wilson, President, AAAA, 1960 BG Robert M. Leich, Past Pres., 1961 BG Robert M. Leich, Past Pres., 1962 Hon. Stephen Ailes, Under Secretary, 1963 Hon. David E. Ignatius, Under Secretary, 1964 Hon. David E. McGiffert, Under Secretary, 1965 Hon. Robert A. Brooks, ASA (1&L), 1966 Hon. Russell D. O'Neal, ASA (R&D), 1967 GEN Bruce Palmer, Jr., Vice Chief, 1968 Hon. John Beal, Under Secretary, 1969 GEN Bruce Palmer, Jr., Vice Chief, 1970-2 GEN Frederick C. Weyand, Vice Chief, 1973 GEN Henry A. Miley, Jr., CG, AMC, 1974 LTG John W. Vessey, Jr., DCSOPS, 1975 LTG Hal G. Moore, DCSPER, 1976 GEN John R. Guthrie, CG, DARCOM, 1977 GEN Geo. S. Blanchard, CG, USAREUR, 1978 LTG John M. Wright, Jr., Ret., 1979 GEN Hamilton H. Howze, Ret., 1980 GEN John R. Guthrie, CG, DARCOM, 1981 LTG Jack V. Mackmull, CG, XVIII Abn, 1982-4

Presenters of the

"Outstanding Reserve Component Aviation Unit Award"

GEN William C. Westmoreland, CofS, 1971 LTG Harris W. Hollis, CORC, 1972 LTG John J. Hennessey, CORC, 1973 MG LaVern E. Weber, Chief, NGB, 1974 MG Charles A. Ott, Jr., Dir, ANG, 1975 MG LaVern E. Weber, Chief, NGB, 1976 GEN Donn A. Starry, CG, TRADOC, 1977 GEN Robt. M. Shoemaker, CG, FORSCOM, 78 LTG Eugene Forrester, CG, Sixth USA, 1979 MG John W. McEnery, CofS, FORSCOM, 1980

MG William R. Berkman, CAR, 1981 LTG Marion C. Ross, DCG, FORSCOM, 1982 LTG LaVern E. Weber, Chief, NGB, 1983 LTG LaVern E. Weber, RF Policy Board, 1984

Presenters of the

"James H. McClellan Aviation Safety Award"

Hon. John L. McClellan, US Senate, 1963, 1970, 1975 Hon. Howard E. Haugerud, 1962, 1964, 1968, 1969, 1971-73, 1976-82, 1984

Presenters of the

"Dept. of the Army Civilian Award"

Hon. Walter B. LeBerge, Under Secretary, 1978
 LTG Eivind H. Johansen, DCSLOG, 1979
 MG Robert L. Moore, CofS, DARCOM, 1980
 LTG LaVern E. Weber, Chief, NGB, 1981
 MG Emil L. Konopnicki, CG, TSARCOM, 1982
 LTG James H. Merryman, DCSRDA, 1983
 LTG (P) Richard H. Thompson, DCSLOG, 1984

Presenters of the

"Robert M. Leich Special Award"

GEN Henry A. Milley, Jr., CG, AMC, 1974 LTG Robert R. Williams, DCSOPS, 1977 LTG Eugene D'Ambrosio, DCG, DARCOM, '79 MG Story C. Stevens, CG, AVRADCOM, 1982-3 LTG Charles W. Bagnal, DCG, TRADOC, 1984

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COL Emmett F. Knight



COL Charles F. Drenz



COL Lewis J. McConnell



COL Robert A. Bonifacio



COL James H. Burns

Robert M. Leich Special Award

BACKGROUND—This AAAA Award is named in memory of BG Robert M. Leich, the AAAA's first president (1957-59), and Awards Committee Chairman for 23 years. The award is given for service to by a unit over an extended period.

1973-34th General Support Group (AHM&S). Presented Oct.

1973 by GEN Henry A. Miley, Jr., Commander, AMC, to MG Alton G. Post and COL Donald H. Jersey, and CSM Samuel Ring. (For 1965-1972 Period).

1976—101st Airborne Division (Air Assault). Presented Oct. 1977 by LTG Robert A. Williams, AAAA President, to MG John A. Wickham, Jr., Cdr., for the officers and men. (For REFORGER 1976).

1978—Corpus Christi Army Depot. Presented Oct. 1979 by LTG Eugene J. D'Ambrosio, Deputy Commander, U.S. Army DARCOM to COL Charles F. Drenz, Commander. (For 1961-1978 Period).

1979-U.S. Army Aviation Board. Presented Oct. 1980 by MG Carl H.



McNair, Jr., USAAVNC Commander, to COL Robert A. Bonifacio, President, USAVNBD. (For 1976-1980 Period).

1980—U.S. Army Aviation Development Test Activity and All Predecessor Units. Presented June 1981 by COL John W. Marr, President, to COL William E. Crouch,

Jr. (For 1945-1981 Period). **1981—Applied Technology Labora tory.** Presented in April 1982 by MG Story C. Stevens, Commander, USA Aviation R & D Command, to COL Emmett F.

Knight. (For 1957-1982 Period). **1982—U.S. Army Engineering Flight Activity, Edwards AFB, California.** Accepted for the members of the unit by COL Lewis J. McConnell, the unit commander. (For 1960-1983 Period).

1983—Mississippi Aviation Classification Repair Activity Depot, MSARNG Accepted for the unit by COL James H. Burns, the unit commander. (For the 1971-1984 Period).

Outstanding Aviation Unit (RC) Award

BACKGROUND—The Reserve Component Aviation Unit Award is sponsored by the Avco Lycoming Division and is presented annually at the AAAA National Convention.

1969—1105th Aviation Company (Assault Helicopter) Iowa-ARNG, MAJ Robert C. Cummings, Commander, and 1SG Arnold J. Newsum, Senior NCO.

1970—24th Medical Company (Air Ambulance) Nebraska-ARNG, MAJ Roger W. Fosbender, Commander, 1SG Andrew M. Alexander, Senior NCO.

1971—997th Aviation Company (Assault Helicopter) Ariz-ARNG, MAJ James H. Cowan, Commander, and 1SG Dale S. Swensen, Senior NCO.



1972—307th Aviation Company (Heavy Helicopter) Ala-ARNG, MAJ Arthur E. Fleet, Commander, and 1SG John F. Hoskins, Senior NCO.

1973—445th Aviation Company (Assault Helicopter) OK-ARNG, MAJ Karl M. Frank, Commander, and 1SG Kenneth Inman, Senior NCO.

1974—536th Aviation Company (Assault Support Helicopter) TX-ARNG, MAJ JOE E. Harry, Commander, and SGT Joseph R. Kimball, Senior NCO.

1975—1042nd Military Intelligence Company (Aer Surv) OR-ARNG, MAJ Loren W. Franke, Commander, and 1SG Donald MacPherson, Senior NCO.

1976—300th Aviation Company (Assault Helicopter) Texas-USAR, MAJ Jerry Stokely, Commander, and 1SG Jack Powell, Senior NCO.

1977—Troop E, 19th Cavalry 29th Brigade, HI-ARNG, MAJ Bernard M. Watson, Commander, and MSG Richard Y. Tabe, Senior NCO.

1978—49th Transportation Company (Medium Helicopter) CA-ARNG, MAJ Lawrence Faller, Commander, and 1SG Sidney G. Richards, Senior NCO.

1979—Brigade Aviation Section, HHC, 92d Separate Inf Div Puerto Rico ARNG, CPT Anibal Torres, Commander, and 1SG Hector Doran, Senior NCO.

1980—190th Aviation Company (Medium Helicopter) KA-ARNG, MAJ Thomas A. Staadt, Commander, and 1SG Paul M. Green, Senior NCO.

1981—717th Medical Detachment, New Mexico ARNG, MAJ George B. Faulhaber, Commander, and SFC Nancy J. Reutner, Senior NCO.

1982—138th Aviation Co. (EW), FL-USAR Orlando, Florida, Accepted for the unit by MAJ Arthur S. Johnson, the unit commander, and SFC James E. Dennis, Senior NCO.

1983—D Company, 28th Combat Aviation BN, NCARNG, Accepted for the unit by MAJ Julius H. Avant, the unit commander.



MAJ Robert C. Cummings



MAJ Roger W Fosbender



MAJ James H. Cowan





MAJ Arthur E. Fleet



MAJ Karl M. Frank



MAJ JOE E. Harry



MAJ Loren W. Frankle



MAJ Jerry Stokely



MAJ Bernard M. Watson



MAJ L. Faller



CPT Anibal Torres



MAJ Thomas A. Staadt



MAJ George B. Faulhaber



MAJ Arthur S. Johnson

.



MAJ Julius H.Avant



Joseph P. Cribbins



John J. Stanko, Jr.



John B. Greenwell



Michael J. Hoffman



Sherman C. Hines



Frank Soliz



M. Margaret Brown



Carolyn Chapman

DAC of the Year Award

BACKGROUND—This Army Aviation Association Award is sponsored by the Boeing Vertol Company and is presented annually to the Dept. of the Army Civilian who has made an outstanding individual contribution to Army Aviation in the previous calendar year.

1976 — Joseph P. Cribbins, Special Assistant for Aviation Logistics; Office, Deputy Chief of Staff for Logistics; Dept. of the Army.

1977 — John B. Greenwell, Deputy Director of Materiel Management, U.S. Army Troop Support & Aviation Materiel Readiness Command, St. Louis, MO.

1978 — Sherman C. Hines, Equipment Specialist, U.S. Army MIRCOM Field Maintenance, 2d Armored Cavalry Regiment, APO NY.



1979 — M. Margaret Brown, Aircraft Equipment Manager, Aviation Office, U.S. Army Troop Support & Aviation Materiel Readiness Command, St. Louis, MO.

1980 — John J. Stanko, Jr., Chief, Army Aviation Division, National Guard Bureau, Aberdeen Proving Grounds, Maryland.

1981 — Michael J. Hoffman, Aerospace Engineer, U.S. Army Troop Support and Aviation Materiel Readiness Command, St. Louis, Missouri.

1982 — Frank Soliz, CCAD, Corpus Christi, Chief of Engine Shops Division, Corpus Christi Army Depot.

1983 — Carolyn Chapman, Aviation Program Specialist, Office, Deputy Chief of Staff for Logistics, Department of the Army.



Outstanding Aviation Unit Award

BACKGROUND—The AAAA's "Outstanding Aviation Unit Award" is sponsored by Hughes Helicopters, Inc. and is presented at the National Convention of the Army Aviation Association.

1959—First Recon Squadron (Sky Cavairy), 2nd U.S. Army Missile Command (Medium), LTC Robert F. Tugman, Commander.

1960—937th Engineer Company (Aviation) (Inter-American Geodetic Survey), LTC Jack W. Ruby, Commander.

1961—45th Transportation Battalion (Helicopter), accepted by MAJ Milton P. Cherne for LTC Howard B. Richardson, Commander.

1962—USA Utility Tactical Transport Company, MAJ Ivan L. Slavich, Commander.

1963—11th Air Assault Division and attached 10th Air Transport Brigade, MG Harry W. O. Kinnard Commander, 11th Air Assault Division.

1963—11th Air Assault Division and attached 10th Air Transport Brigade, COL Delbert L. Bristol, Commander, 10th Air Transportation Brigade.

1963—13th Aviation Battalion, LTC



Jack V. Mackmull, Co-Commander, 13th Aviation Battalion.

1964—13th Aviation Battalion, LTC J. Y. Hammack, Co-Commander, 13th Aviation Battalion.

1965—1st Cavalry Division (Airmobile), MG Harry W. O. Kinnard, Commander, and with SGM Kenneth W. Cooper as the Senior NCO.

1966—1st Aviation Brigade, MG G. P. Seneff, Jr., Commander, and with Brigade SGM Douglas W. Sims as Senior NCO.

1967—52nd Combat Aviation Battalion, Lieutenant Colonel Raymond G. Lehman, Jr., Co-Commander, and SGM Ernest J. Winters as the Senior NCO.

1967—52nd Combat Aviation Battalion, LTC Edward P. Luckert, Jr., Co-Commander.

1967—52nd Combat Aviation Battalion, LTC Paul C. Smithey, Co-Commander.

1968—25th Aviation Battalion (Infantry Division), LTC Kenneth J. Burton, Commander, and with CSM William H. Bennett as the Senior NCO.

1969—101st Airborne Division (Airmobile), LTG Melvin Zais, Co-Commander, and CSM Robert A. Young, as Co-Senior NCO.

1969—101st Airborne Division (Airmobile), LTG John M. Wright, Jr., Co-Commander, and CSM William T. Mixon as Co-Senior NCO.

1970—1st Squadron, 9th Cavalry, 1st Cav Div (Airmobile), COL Robert H. Nevins, Commander, and with CSM John F. Adams Jr., as the Senior NCO.

1971—F Battery, 79th FA, 3rd Brigade, MAJ Lawrence F. McKay, Jr., Commander, with SFC Lionel S. McDonald as the Senior NCO.

1972—227th Aviation Battalion, 1st Cav Division, LTC Frank L. Henry, Commander, with CSM James W. Reed as the Senior NCO.

1973—155th Aviation Company (Attack Helicopter), MAJ Kermit E. Larson Jr., Commander, with SFC Ray M. Teer as the Senior NCO.



LTC Robert F. Tugman



MAJ Ivan L. Slavich



MG Harry W.O. Kinnard



LTC Paul C. Smithey



COL Robert H. Nevins



LTC Jack W. Ruby



COL Delbert L. Bristol



MG G.P. Seneff, Jr.



LTC Kenneth J. Burton



MAJ Lawrence F. McKay



MAJ Milton P. Cherne



COL Jack V. Mackmull



LTC Raymond G. Lehman, Jr.



LTG Melvin Zais



LTC Frank L. Henry



LTC J.Y. Hammack



LTC Edward P. Lukert, Jr.



LTG John M. Wright, Jr.



ARMY AVIATION

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MAJ Kermit E. Larson, Jr.



LTC Joseph R. Koehler



MAJ Kenneth Loudermilk



MAJ Gary F. Ramage



LTC Albert E. Hervey, Jr.

UNIT AWARD

1974—210th Aviation Battalion (USARCARIB), LTC Joseph R. Koehler, Commander, and with CSM Stephen M. Cole as the Senior NCO.

1975—334th Aviation Company (Atk Hel), MAJ Gary F. Ramage, Commander, with 1SG Charles Lewis, as the Senior NCO.

1976—7th Squadron (Atk Hel), 17th Cavalry, 6th Cav Brigade (Air Combat),





LTC Gary F. Dolin

MAJ ROV E.

Mann



MAJ Gary D. Johnson



LTC William E. Turner



COL George F. Newton



COL Terence M. Henry

LTC Gary F. Dolin, Commander, with 1SG Leon S. Wozniak, as the Senior NCO.

1977—242nd Aviation Company (ASH), MAJ Gary D. Johnson, Commander, with 1SG James E. Fuller, as the Senior NCO.

1978—17th Aviation Group (Combat), COL George F. Newton, Commander, with CSM Albert P. Liwang, as the Senior NCO.

1979—146th ASA Company (Aviation) (Forward), MAJ Kenneth Loudermilk, Commander, with 1SG James Jones, as the Senior NCO.

1980—59th Air Traffic Control Battalion, LTC Albert E. Hervey, Jr., Commander, with CSM Johnnie M. Byram, as the Senior NCO.

1981—The U.S. Helicopter Team, MAJ Roy E. Mann, Coach, and SGM John P. Traylor, Senior NCO.

1982—70th Transportation Battalion (AVI), APO New York, accepted for the unit by LTC William E. Turner, the unit commander.

1983—160th Aviation Battalion (AHX Reinforced), Fort Campbell, KY, accepted for the unit by COL Terence M. Henry, the unit commander, and SGM Mitchell G. Yahner, Senior NCO.

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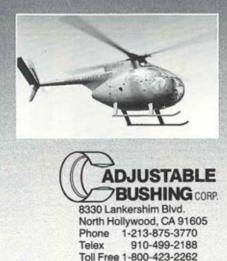


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Aviation Soldier of the Year Award

BACKCROUND—The AAAA's "Aviation Soldier of the Year Award" is sponsored by Bell Helicopter Textron. It is presented at the National Convention of the Army Aviation Association.

1960—MSC Robert R. Young, Airfield Operations Command, Fort Rucker, Alabama.

1961—SFC James C. Dykes, 225th Signal Detachment U.S. Army, Vietnam.

1962—SFC James K. Brock, First Aviation Company (Caribou), U.S. Army, Vietnam.

1963—SFC Robert M. George, Utility Tactical Transport Company, U.S. Army, Vietnam.

1964—MSC Cyril C. Manning, 13th Aviation Battalion, U.S. Army, Vietnam.

1965—SFC Donald MacNevin, 114th Aviation Company, U.S. Army, Vietnam.

1966—SP5 Dennis L. Falo, 1st Cav Division (Airmobile), U.S. Army, Vietnam.

1967—SFC Jesse J. Dodson, Jr., 405th USA Transportation Maintenance Detachment, U.S. Army, Vietnam.

1968—SFC William R. Baum, 122nd Maintenance Battalion, 3d Armd Division, U.S. Army, Europe.



1969—SFC Dennis L. Jantz, 240tr Aviation Company (Assault Helicopter) U.S. Army, Vietnam.

1970—SP5 Dennis M. Fujil, 237tr Medical Detachment (Air Ambulance) U.S. Army, Vietnam.

1971—SP5 Richard C. Hatch, 3rd Brigade, 1st Cavalry Division (Airmobile), Fort Hood. Texas.

1972—SFC Robert H. Vaughan, 4th Battalion (Aerial Field Artillery), 77th Field Artillery, 101st Airborne Division (Airmobile) Fort Campbell, Kentucky.

1973—SFC Robert J. Coleman, C Co., 159th Aviation, (ASH), 101st Airborne Division (Airmobile), Fort Campbell, Kentucky.

1974—SP5 Gregory J. Maurakis, B Company, 101st Aviation Battalion, 101st Airborne Division (Airmobile), Fort Campbell, Kentucky.

1975—MSC John R. Montgomery, USA Aviation Precision Demonstration Team Fort Rucker, Alabama.

1976—SP5 Charles W. Ball, 146th Medical Detachment (Helicopter Ambulance), West Virginia ARNG.

1977—SGT Chris B. Archer, 236th Medical Detachment (Helicopter Ambulance), APO New York.

1978—SFC James L. Fielder, 129th Aviation Company (Assault Helicopter), Fort Bragg, N.C.

1979—SFC Leland E. Hinely, Co A, 501st Aviation Battalion (Combat), APO New York.

1980—SFC James D. Glendinning, Air Troop, 11th Armored Cavalry Regiment, APO New York.

1981—Staff SCT William G. Patterson, 54th Medical Detachment (Helicopter Ambulance), Fort Lewis, Washington.

1982—SFC Ronald L. Boese, APO New York, Plattoon Sgt, Aeroscout Platoon, Cbt Aviation Troop, 11th Armored Cavalry Regiment.

1983—SP4 David T. Amos, 196th Aviation Co., ASH), 269th Combat Aviation Battalion, Fort Bragg, N.C.



MSG Robert R. Young



MSG Cyril G. Manning



SP1 Dennis L. Jantz



SP5 Gregory J. Maurakis



SFC Leland E. Hinely



SFC James C. Dykes



SFC Donald MacNevin



SP5 Dennis M. Fujii



John R. Montgomery



SFC James D. Glendinning



SFC James K. Brock



SP5 Dennis L. Falo



SFC Robert M. George



SFC Jesse J. Dodson Jr.



SFC Robert H. Vaughan



Chris B. Archer



SFC Ronald L. Boese





SFC William R. Baum



SFC Robert J. Coleman



SFC James L. Fielder



SP4 David T. Amos



SP5 Richard G. Hatch



SP5 Charles W. Ball



G. Patterson

McClellan Aviation Safety Award

BACKGROUND—Sponsored by the many friends of the late Senator John L. McClellan in memory of his son, James L. McClellan, a former Army Aviator who was killed in a civil aviation accident in 1958, the award is persented annually to an individual who has made an outstanding contribution to Army Aviation safety in the previous year.

1958—MAJ Arne H. Eliasson, Aviation Safety Division, Hqs, Seventh Army, APO New York.

1959—COL John L. Inskeep (Co-Winner), U.S. Army Primary Helicopter School, (USAPHS), Fort Wolters, Texas.

1959—Raymond L. Thomas, (Co-Winner), Southern Airways Company (Manager, Contract Operations).

1960—No award given.

1961—COL Spurgeon H. Neel, Jr., U.S. Army Hospital, Ft. Rucker, Alabama.

1962—COL James F. Wells, U.S. Army Board for Aviation Accident Research (USABAAR), Ft. Rucker, Alabama.

1963—COL Conrad L. Stansberry, Hgs, U.S. Army, Europe, APO New York.

1964—Ralph B. Greenway, Army Aviation Directorate, OACSFOR, Department of the Army.

1965—Gerard M. Bruggink, U.S. Army Board for Aviation Accident Research (USABAAR), Ft. Rucker, Alabama.

1966-CPT Gary R. Ramage, 228th



1970 Flashback — Senator John L. Mc-Clellan, left, presents the "James L. Mc-Clellan Aviation Safety Award" to Colonel Robert W. Bailey, center, as the Hon. Howard Haugerud, head of the McClellan Foundation, looks on. Assault Helicopter Battalion, U.S. Army Vietnam.

1967—Francis P. McCourt, U.S. Army Aviation Laboratories (AVLABS), Ft Eustis, Virginia.

1968—COL Russell P. Bonasso, U.S Army Board for Aviation Accident Research (USABAAR), Ft. Rucker Alabama.

1969—COL Robert W. Bailey, U.S. Ar my Aeromedical Research Laboratories Ft. Rucker, Alabama.

1970—COL Eugene B. Conrad, U.S. Ar my Board for Aviation Accident Research (USABAAR), Ft. Rucker Alabama.

1971—BC William W. Spruance, Air National Guard, Wilmington, Delaware.

1972—CWO Ralph S. Park, 155th Aviation Company (Attack Hellcopter) Fort Ord, California.

1973—CPT Charles F. Nowlin, U.S. Ar my Agency for Aviation Safety (USAAAVS), Ft. Rucker, Alabama.

1974—CWO George L. Allen, Sim mons Army Airfield, Ft. Bragg, N.C.

1975—CWO Alfred J. Cargen, Ret. Hqs, Fifth U.S. Army, Fort Sam Houston Texas.

1976—MAJ Arthur M. Mountcastle 101st Aviation Group, 101st Abn Divisior (Air Assault), Fort Campbell, Kentucky.

1977—CWO Fate (Jim) Hutchins 129th Aviation Company (Assaul Helicopter), Ft. Bragg, N.C.

1978—CWO Frankie C. Wilson, 207th Aviation Company, APO New York.

1979—CWO Harold D. Hintze, Stu dent, U.S. Army Warrant Officer College Ft. Rucker, Alabama.

1980—CWO Peter D. Maskunas, E Troop, 4th Squdron, 7th Cavalry, 2d Ar mored Division, APO San Franciso.

1981—SFC Geraid L. Johnson, U.S. Ar my Aeromedical Research Laboratory Ft. Rucker, Alabama.

1982—No award given.

1983—CW2 Richard L. Williams HHD, 2d Combat Aviation Battalion Camp Casey, Korea.



MAJ Arne H. Eliasson



COL S. H. Neel, Jr.



Gerard M. Bruggink



COL Robert W. Bailey



CPT Charles F. Nowlin



COL John L. Inskeep



COL James F. Wells



CPT Gary R. Ramage



COL Eugene B. Conrad



CWO George L. Allen



Raymond L. Thomas



COL C. L. Stansberry



Francis P. McCourt



BG William W. Spruance



CWO Alfred J. Cargen





Ralph B. Greenway



COI Russell P. Bonasso



CWO Ralph S. Park



MAJ Arthur Mountcastle





CWO Fate (Jim) Hutchins



CWO Frankle C. Wilson





CWO Harold D. Hintze



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SFC Gerald L. Johnson



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Army Aviator of the Year Award

BACKGROUND—Sponsored by the Sikorsky Aircraft Division of UTC, this Association award is presented annually at the AAAA National Convention to the active duty or Reserve Component Army Aviator who has made an outstanding individual contribution to Army Aviation during the previous calendar year.

1958—CPT James T. Kerr, U.S. Army Transportation Test and Support Activity, Ft. Rucker, Alabama.

1959—CWO Clifford V. Turvey, U.S. Army Aviation Test Board, Ft. Rucker, Alabama.

1960—CWO Michael J. Madden, U.S. Army, Transportation Board, Ft. Eustis, Virginia.

1961—CPT Leyburn W. Brockwell, Jr., HS, XVIII Airborne Corps, Ft. Bragg, N.C.

1962—CPT Emmett F. Knight, 57th Aviation Company, U. S. Army Vietnam.

1963—MAJ Marquis D. Hilbert, The John F. Kennedy Center for Special Warfare, Ft. Bragg, N.C.



1964—MAJ Paul A. Bloomquist, 57th Medical Detachment (Helicopter Ambulances), U.S. Army, Vietnam.

1965—CPT James A. Scott, III, 219th Aviation Company, U.S. Army, Vietnam.

1966—CWO Jerome R. Daly, 121st Aviation Company, U.S. Army, Vietnam.

1967—CPT Robin K. Miller, 114th Assault Helicopter Company, U.S. Army, Vietnam.

1968—MAJ Patrick H. Brady, 54th Medical Detachment (Helicopter Ambulances), U.S. Army, Vietnam.

1969—CWO John I. O'Sullivan, 174th Aviation Company, U.S. Army, Vietnam.

1970—LTC Robert M. Molinelli, 2d Squadron, 17th Cav, 101st Airborne Division (Airmobile), U.S. Army, Vietnam.

1971—CPT Ronald A. Radcliffe, F Troop, 4th Cavalry, 1st Aviation Brigade, U.S. Army, Vietnam.

1972—MAJ Theodore J. Dolloff, Company D, 227th Aviation Battalion, 1st Cavalry Division, Fort Hood, Texas.

1973—CWO Norman E. York, 71st Aviation Company, (Assault Helicopter), APO New York.

1974—MAJ Eugene L. Richardson, Hq & Hq Detachment, Military Bureau, Maine Army National Guard.

1975—CWO Robert R. Hawkins, 7th Squadron (Assault Helicopter), 17th Cavalry, Fort Hood, Texas.

1976—CWO Randy F. Dyer, 155th Aviation Company, (Attack Helicopter), Ft. Ord, California.

1977—MAJ William S. Reeder, Jr., 334th Aviation Company (Attack Helicopter), APO New York.

1978—CWO Michael B. Farmer, Air Troop, 2d Armored, Cavalry Regiment, APO New York.

1979 CWO Ernest W. Rickenbacker, 60th Co., 6th Battalion, 1st Aviation Brigade, U.S. Army Aviation Center, Ft. Rucker, Alabama.

1980—CWO Richard S. Seefeldt, Project Manager's Office (BLACK HAWK), U.S. Army Materiel Development and Readiness Command, St. Louis, Missouri.



CPT James T. Kerr



CPT L. W. Brockwell, Jr.



CPT James A. Scott, III



CWO John I. O'Sullivan



CWO Norman E. York



CWO Clifford V. Turvey



CPT Emmett F. Knight



CWO Jerome R. Daly



LTC Robert B. Molinelli



MAJ Eugene L. Richardson



CWO Michael J. Madden



MAJ Marquis D. Hilbert



CPT Robin K. Miller



CPT Ronald A. Radcliffe



CWO Robert R. Hawkins





MAJ Paul A. Bloomquist



MAJ Patrick H. Brady



MAJ Theodore J. Dolloff



CWO Randy F. Dyer

Aviator of the Year Award

CWO Richard

S. Seefeldt



MAJ William S. Reeder, Jr.



CWO George D. Chrest

1981—CWO George D. Chrest, D Troop, 1st Squadron, 9th Cavalry, 1st Cavalry Division, Fort Hood, Texas.

1982-2LT Richard G. Hatch, 2d



CWO Michael B. Farmer



2LT Richard G. Hatch



CWO Ernest W Rickenbacker



CW3 Anthony G. Kraay

Staff and Faculty Company, Fort Eustis, Virginia.

1983—CW3 Anthony G. Kraay, C company, 3rd Combat Aviation Battalion, APO New York 09702.

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Art Kesten Executive Vice President Army Aviation Ass'n Westport, Connecticut





Presentations Vice Chairman

Galen D. Rosher Colonel Office of the Proj Mgr-LHX, USA AVSCOM St. Louis, Missouri



Vice Chairman

Dale Kesten Editor Army Aviation Magazine Westport, Connecticut

Presentations Coordinator Alvin R. Kisler

Lieutenant Colonel Office of the Proj Mgr-LHX, USA AVSCOM, St. Louis, Missouri



Registration Chairman

Associate Publisher Army Aviation Magazine Westport, Connecticut





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Jill Thomas Fulfillment Manager Army Aviation Magazine Westport, Connecticut

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Vice Chairman Housing

Lynn Coakley Business Manager Army Aviation Magazine Westport, Connecticut





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Exhibit Hall Activities

Clenn Lewis Lt. Colonel, Ret. Manager, St. Louis Office E-Systems, Inc. St. Louis. Missouri



Membership Luncheon*

Diane Ottolini Civilian Personnel Officer, USA AVSCOM/TROSCOM St. Louis, Missouri





Membership Luncheon*

Steve Testa Manager, St. Louis Office Bell Helicopter Textron St. Louis, Missouri



President's Reception * COL Robert A. Wagg, Jr.

Chief of Staff USA AVSCOM St. Louis, Missouri

President's Reception

Mrs. Thyra V. Bonds Consultant St. Louis, Missouri



First Light Breakfast*

Gary L. Smith Director of Advanced Systems USA AVSCOM St. Louis, Missouri





First Light Breakfast*

Bill Pollard Manager of Army Programs Washington Office of Sikorsky Aircraft Washington, D.C.



Saturday Luncheon*

Bernadette S. Bresley Supervisor USA AVSCOM St. Louis, Missouri

Saturday Luncheon

Richard F. Ropp Colonel, Ret. Chief of Staff USA AVSCOM St. Louis, Missouri





Banquet Reception *

David L. Funk Colonel, USA TADS/PNVS Proj Mgr, St. Louis, Missouri

Banquet Reception

Donald P. Wray Colonel, Ret. Customer Requirements Boeing Vertol St. Louis, Missouri



Nat'l Awards Banavet*

Paul L. Hendrickson Chief, Acrft Sys Div, Dir of Materiel Mgt USA AVSCOM St. Louis, Missouri





Nat'l Awards Banquet'

Donald F. Luce Colonel, Ret. Area Manager Avco Lycoming Division St. Louis, Missouri



Champagne Brunch '

Asst Proj Mgr for Air-to-Air Stinger, USA AVSCOM St. Louis, Missouri

Champagne Brunch

James Stewart Lt. Colonel, Ret. Manager, St. Louis Operations, Hughes Helicopters, Inc.



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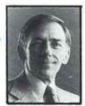
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 23
 Captains
 1,463
 MIL. TOT

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 61
 Lleutenants
 723
 Indus (II

 Brig. Generals
 41
 CWOs-WOS
 2,350
 Indus (II

 Colonels
 679
 DAC's
 1,395
 For. Nat

 Lt. Colonels
 1,181
 E7-E9
 291
 CIV. TOT







USAAVNC establishes 29 April — 1 May as dates for 1985 U.S. Helicopter Team trials

PENDING approval by the Secretary of Defense, the U.S. Precision Helicopter Team Trials are tentatively scheduled to be held at Fort Rucker, Alabama, during the perod 29 April - 1 May. The competition will be held to determine the final composition of the 1985 Team from representatives of all the Armed Forces plus those civilian entrants who are present at the Trials.

The eye of a needle

Judged competition will cover four precise flying events:

Event No. 1 consists of an approximately 60 km navigation course with at least two turning points, terminating at a fixed point where the crew will have to lower a bottle on a 7-meter rope through a 50-cm hole. Both take off and arrival times will be given the crew as well as a precise course to fly. The objective is to start and finish at a precise time while flying a designating course and not breaking the bottle while it is lowered through the hole.



• Event No. 2 Each aircraft will have suspended from it two ropes with small weights attached at the end, two and three meters in length respectively. The requirement is to navigate a 50 x 50 meter box shaped course along a 1-meter wide corridor while keeping the nose of the aircraft into the wind at all times. Two 360° turns will also be required along the course. The objective is to keep the two ropes within the 1-meter course and to keep one of the attached weights in contact with the ground.

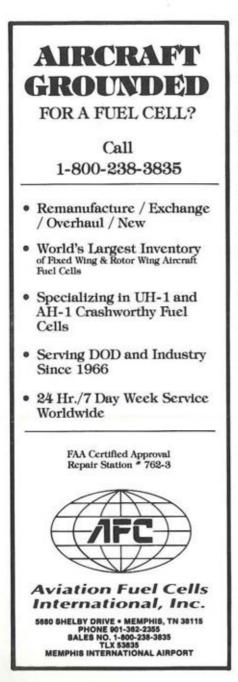
• Event No. 3 consists of navigation course of approximately 160km with an 8 kilometer-indiameter circular search area with designated entry and exit points — a pick-up point and two turning points. The crew will be given a map with course line drawn, start time, search area entry and scheduled arrival time at the finish line plus 8x10 photographs. Along the flight route and in the search area will be objects that have to be identified and their positions located by grid coordinates. Some of the objects will be shown by the photographs while others will be panel markers. The objective is to meet all the time requirements, fly the course and correctly identify the location of each object.

 Event No. 4. The Slalom will consist of 12 gates, measuring one meter across by two meters high and oriented in different directions. The objective is to navigate a bucket of precisely measured water suspended on a five meter rope through these and then place the bucket precisely on a small top without losing any water — all within a four-minute time limit.

Encore!

Although the Army will sponsor and host both the team trials and the preparation for world level competition, team composition will be decided as a result of individual crew performance at the trials — not by any type quota system.

The U.S. won the last world competition in 1981 and is planning to make it two in a row! IIII



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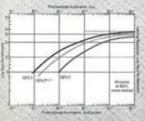
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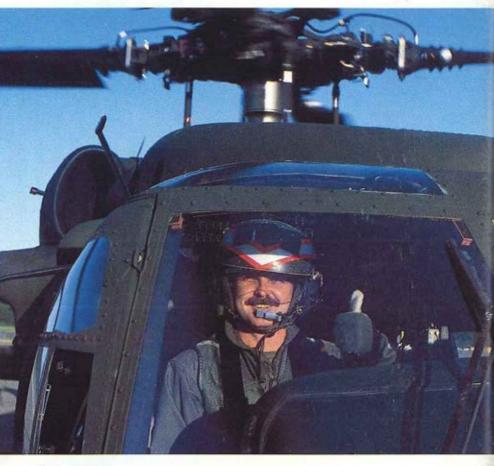
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