



Electronic Warfare Awareness

Jim Hearn
President
AOC Crane Chapter

About the AOC



- What we are:
 - AOC is a not-for profit international professional association
 - Headquartered in Alexandria Virginia
 - 13 Staff
 - 20 Board of Directors



Mission



The mission of the AOC is to advocate the need for a strong defense capability emphasizing Electronic Warfare to government, industry, academia, and the public.

Journal of Electronic Defense



*AOC-owned monthly
professional
journal*

*Promoting the exchange of ideas
and information!*



Conferences and Annual Convention



"A New Vision To The Future"

46th Annual AOC International Symposium and Convention



October 18-22, 2009

*Promoting the exchange of ideas
and information!*



- Distributes over \$60,000 annually
- Scholarships and Enlisted Tuition Grants
 - Scholarships and grants to assist military enlisted personnel and US civilian students in electrical engineering, physics, mathematics, and related disciplines.



Courses focused on Electronic Warfare and Information Operations



Recognition Awards



- Stan R. Hall Business Development
- Clark Fiester C2 Warfare
- Communications
- Defensive Information Warfare
- Directed Energy
- EO/IR
- Executive Management Government & Industry
- Information Operations
- Integrated Product Team
- John Marks ISR
- International Achievement
- Joint Service
- Joseph W. Kearney Pioneer
- Logistics
- Maintenance
- Business Management
- Program Management
- Modeling & Simulation
- Navigation Warfare
- Offensive Information Warfare
- Operations
- Psychological Operations
- Jerry Sowell Radio Frequency
- Research & Development
- Technical Analyst
- A.C. McMullin Test and Evaluation
- Training
- 2008 Outstanding Unit Award
- AOC Board of Directors Award
- Technology Hall of Fame
- Col Anton D. Brees Life Achievement Award

Jerry Sowell Radio Frequency Award

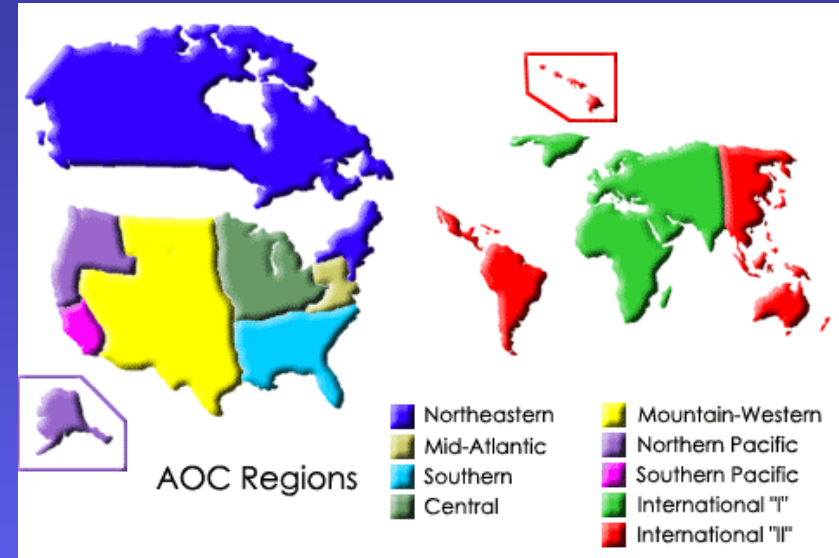


- For outstanding achievement in development or application of RF systems, techniques, countermeasures, or counter-countermeasures.

Membership



- 12,961 Individual Members in 47 Countries
 - 17 % Military
 - 9 % Government.
 - 19 % International
 - 47 % Industry
 - 8 % Other
- 65 Chapters in 19 Countries
- 123 Corporate Members



- 205 Crane Chapter Members (and we are growing!)

AOC's Partners on Capitol Hill



- The EW Working Group
 - The Make Up – 35 Congressman
 - The Leaders
 - Congressman Pitts (R-PA)
 - Congressman Larson (R-WA)
 - The Mission – To advise Congress and the Pentagon on relevant EW issues
- AOC EW/EWWG Project
 - Identify *challenges* and *opportunities* for future EW
 - Provide solutions for a *durable* and *viable* EW capability
 - Cultivate *leadership* in Congress and the Pentagon
 - Report: *The Changing Face of Electronic Warfare*



NSWC Crane/EW Center of Excellence

- \$605M Funding – FY2008
- 908 Work years – FY2008
- 16 Issued Patents / 17 Filed since 2000
- 2 Technical Warrant Holders
 - Surface Ship EW Systems
 - Electro-Optics/Infrared & RF Systems
- 7 Value Engineering Awards since 2000
- Established the Navy EW Technology Integration Center (NEWTIC)
- ONR Principal Investigator for Next Generation Jammer
- NETWARCOM IPT lead for EWIIP



Questions?