

LAND

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SPACE



SAFE News

SAFE Association - Our 69th Year

VOLUME 27 | NUMBER 2 | SPRING 2024



SAFE (Europe) Symposium

Scan the QR code to access all symposium information & most up-to-



DEDICATED TO ENSURING PERSONAL SAFETY AND PROTECTION IN LAND, SEA, AIR, AND SPACE ENVIRONMENTS

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On the Front Cover

SAFE Europe Chapter President Peter Marston addresses the crowd at the SAFE Europe 2024 held in March at Carden Park in Cheshire, United Kingdom.



On the Back Cover

2023 SAFE 5K Runner passes the rising Sun along Virginia Beach, Virginia's famous beach where the Atlantic Ocean and Chesapeake Bay meet.



QUESTIONS OR COMMENTS ABOUT THE SAFE NEWSLETTER?

Contact the Information Management Team:

Lauren Divers
lauren@proflightgear.com

Christine W. Hussey
christine@lifesupportintl.com

Follow us on Social Media



President's Message

By Nicole Stefanoni | SAFE Association President

Hello again members!

Is it me or are the days passing by incredibly fast?! Have you ever looked at a person and thought, "How do they find enough time in a day to get everything done?" That's what I think when I talk to members of SAFE's Board of Directors. Each person on the Board has a full-time career and/or are a part of many other organizations, yet they also volunteer their time and are actively networking, planning, thinking up creative ideas and taking action in an effort to make a positive impact on the SAFE Association.

A perfect example of some of the great work being accomplished is the success of the SAFE Europe Symposium, which was held in Carden Park, Cheshire on March 19th & 20th. This was the 28th Symposium that the SAFE Europe Chapter hosted and just like previous years, the SAFE Europe Chapter committee members did an excellent job in the planning and execution of the event. This event boasted a record number of delegates representing 19 countries, had a diverse list of exhibitors, informative technical sessions, and enjoyable networking events. I had the pleasure of attending and look forward to next year's show – if you have not yet made it to a SAFE Europe Symposium, I would encourage you to try and make the next one!

Thinking of symposiums, I hope you all didn't miss the announcement that registration is now open for the SAFE Association's 62nd Annual Symposium. We will be back in Virginia Beach, VA this year with the opening of our event on October 22nd and closing on October 24th. Also, be on the look-out for the release dates the Science and Technology Committee will be accepting technical abstract submissions, as the technical sessions are a significant part of our Symposium each year. (More details related to the Symposium can be found in the Symposium Committee's section of this newsletter)

Other notable work in progress that the SAFE Board is excited to release more information about throughout the year:

- New programs for membership are being drafted by the Association Development Committee.
- As 2024 is a publication year for the SAFE Journal, the Journal & Editorial Committee continue efforts towards completion.
- The Information Management Committee is dedicating time to enhancing the ways we disseminate information to our members and refresh the SAFE brand.

As you continue to work your way through the SAFE Newsletter, please make note of other important announcements and dates. Also, I hope you all take the time to read through the articles submitted by your fellow members. The Newsletter is an excellent opportunity to reach the SAFE community with information you think is beneficial to share, so please don't hesitate to make a submission.

As always, thank you for your active participation and support!

Call for Award Nominations

By Joseph Spinosa | Chair, Awards Committee

ATTENTION: All Members of SAFE - Government, Military, Corporate, Academic, and Individual

This is the opportunity to recognize the achievements of your colleagues by nominating them for a prestigious SAFE award! If you don't recognize them, who will?

Since SAFE was founded 50+ years ago, one of our key goals has been to provide an opportunity for participants in our field to be formally recognized for their contributions. Each year the SAFE Board of Directors announces the recipients of our industry recognition at our annual Symposium.

The SAFE Association Awards Committee is now accepting nominations for the following awards, and we need you to help us identify deserving candidates. We invite you to review the criteria for each award and nominate a worthy colleague or team.

All nominations should be submitted by close of business, Wednesday, 17 July 2024.

Nominations should follow the guidelines provided on the SAFE Association website, see <https://safeassociation.com/>.

Once received, the Board of Directors will evaluate each nomination based on relevance to the award criteria and the detail of the supporting information provided in the submission. This ensures the awards go to the most deserving recipients.

To identify the most deserving recipients, we need your nominations! We all know of individuals across our industry with significant accomplishments over the past year or their entire career. Project and Program Teams that have made recent major contributions are also prevalent in the military, in new product development, contract service providers, and academic research communities.

The Award categories are:

MICHAEL R. GROSST CAREER ACHIEVEMENT AWARD

Recognizes the career of a deserving individual for their significant contributions to the field of safety or survival.

GENERAL SPRUANCE INDIVIDUAL ACHIEVEMENT AWARD

Honors an individual who has made a recent outstanding contribution in the safety field through leadership toward or significant advancement of, safety and survival improvements. This contribution can be made through education, knowledge, science, application of investigative techniques, or engineering.

TEAM ACHIEVEMENT AWARD

Acknowledges the recent accomplishments of a team in the field of safety or survival through an advancement in the education, knowledge, science, application of investigative techniques, or engineering associated with a significant improvement in safety or survival.

MERITORIOUS SERVICE AWARD

Is presented to the person or persons, civilian or military, who have demonstrated a recent outstanding contribution to the preservation of human life through an action of courage.

MURRAY P. KOCH INDUSTRY AWARD

Distinguishes a member of industry who has made recent significant contributions in the advancement of technology or hardware for safety and survival applications.

....Continued on Page 5

continued...Call for Award Nominations

We encourage you to reflect upon a person or team who is deserving of recognition by the industry we serve. Take the time now to write up a nomination and submit it to SAFE as soon as possible but no later than Wednesday, 17 July 2024.

Go to <https://safeassociation.com>, click on the AWARDS tab and access the nomination form. Complete the form and submit it either through the website, via fax, or mail to the SAFE Association.

Specific criteria for each award can be found on our website.

The person or team being nominated can be either a current Member or Non-Member. However, all nominations must be submitted by a current SAFE member.

Recognizing our deserving colleagues is an important way for us to acknowledge their career achievements and set the bar for our younger colleagues. Again, the deadline for submissions is close of business on Wednesday, 17 July 2024.

The SAFE website will open for nomination submissions on 12 April 2024. For other questions please email the SAFE Administrator at admin@safeassociation.com or call (541) 895-3012.

SAFE ASSOCIATION AWARDS COMMITTEE

Dinosaur Den

By Al Loving | Chief Dinosaur

The annual meeting of the **Order of Life Support System Dinosaurs (OLD)** Club will be held during the upcoming 62nd Annual SAFE Symposium being held at the Virginia Beach Convention Center (VBCC), Virginia Beach, VA, October 22-24, 2024. All current and eligible OLD members are asked and encouraged to attend.

For those members who are not able to join us in Virginia Beach, your feedback regarding the Dinosaur Club is important and can be provided directly to the Chief Dinosaur, Al Loving, by way of email at aloving@cox.net or by mobile phone at (757) 218-8560.

I also want to acknowledge and welcome new Dino Club member Hal Watson, Jr. Hal began his career in "the business" with Universal Propulsion Co. in 1979. He's currently employed by TASK Aerospace as an egress and AFE subject matter expert.

We're looking forward to welcoming you to the upcoming Dino Club meeting and the 62nd Annual SAFE Symposium in Virginia Beach, Virginia.

Reminder

to all SAFE Members:

Annual Awards are one of the few ways that we are able to recognize the hard work and accomplishments of SAFE related activities and individual effort in the field of personal safety and protection in land, sea, air and space. Please look to submit awards as SAFE Association members to recognize deserving individuals.



Call for Board of Directors Nominations

By Ebby Bryce | Chair, Nominations Committee

Okay Folks, the 2024 SAFE Association election cycle is in full swing. Candidates are being sought for the following elected board positions:

- **President-Elect – Pre-requisite.** Eligibility for nomination and election to the office of President-Elect shall require two years of continuous active membership in the Association and a minimum of one term as an elected or appointed member of the Board. The President-Elect shall ascend to the office of President upon the close of the 2025 SAFE Symposium. In the interim, the President-Elect shall be a member of the Board and performs such duties as delegated by the sitting President. Additionally, the President-Elect shall familiarize him- or herself with the duties of the office of President. In the event both the President and Vice President are incapacitated or otherwise unable to act, the President-Elect shall perform the duties of the President during the period of such incapacity or inability to act.
- **Vice President – No Pre-requisite.** The Vice President shall be a member of the Board. The Vice President will familiarize themselves with the activities and duties of the President and will act as the Chairperson of the Finance Committee. If the President is not available to officiate, the Vice President will act during the vacancy. In the event the President shall become permanently unable to perform the duties of the office, the Vice President shall become the acting President.
- **Secretary – No Pre-requisite.** The Secretary shall assist the Association Administrator or other Board member as directed in accordance with the procedures, established by the Constitution and Bylaws, and shall assure the written record of the association is maintained and available to the members.
- **Treasurer – No Pre-requisite.** The Treasurer shall oversee the Association's financial records in accordance with the procedures, established by the Constitution and Bylaws, and shall assure the issuance of at least one financial statement annually.

To be approved, each candidate must be a current member in good standing to run for office.

We encourage you to consider volunteering your talents and/or actively recommending qualified associates to be a candidate by stepping up and pitching in with creative, thoughtful and collaborative energies. Additionally, elected and appointed board members are expected to attend the quarterly Board of Directors meetings. Your participation clearly helps further the viability of the SAFE Association in its role of supporting, protecting and saving the lives of those who intentionally go out into harm's way.

SAFE members who have any interest in pursuing one of the aforementioned elected offices or would be interested in serving in an appointed board position please contact the SAFE Administrator, Stacy Stuber at admin@safeassociation.com, a current SAFE Board member, or one of the following Nominations Committee members no later than June 30, 2024:

Ebby Bryce, Chairperson, ebryce@ced.us.com (757) 927-2461

Kevin Divers, Committee Member, kevin@proflightgear.com (615) 681-2539

Nicole Stefanoni, SAFE President, nicole@lifesupportintl.com (215) 385-4345

The Nominations Committee thanks you in advance

Corporate News

AEROSPACE AND DEFENSE MANUFACTURER, ESSEX INDUSTRIES, MOVES HUNTINGTON BEACH OPERATIONS INTO LARGER FACILITY

Huntington Beach, CA – February 2024

Essex Industries is excited to announce the successful consolidation of two manufacturing buildings into a new and larger facility in Huntington Beach, CA.

The consolidation is enhancing production efficiency and customer service. Essex has expanded its capabilities, including the addition of a temperature-controlled inspection room. The office space has been streamlined, and the now 22,500-square-foot facility includes increased space for dedicated aerospace and medical assembly areas.

This move brings immediate operational efficiencies to Essex Industries while positioning the company for future growth and expansion opportunities. They remain dedicated to providing high-quality products and industry-leading solutions.

“This was a great team effort to coordinate a move of this size, in a short time frame, while maintaining excellent on-time delivery to our customers. The new layout has provided improved throughput and fostered a new level of teamwork and collaboration. We are in an excellent position to support our existing customer base and grow our precision machining and light assembly operations.” said Ed Young, VP/GM of the Huntington Beach facility.

Essex Industries is a manufacturer focused on aerospace and defense markets, with product lines that include platform controls, aircraft components, liquid oxygen systems, and emergency breathing equipment. Essex employs over 400 people at its locations in St. Louis, MO, Huntington Beach, CA, and Milford, CT. Learn more about Essex visit <https://essexindustries.com/>



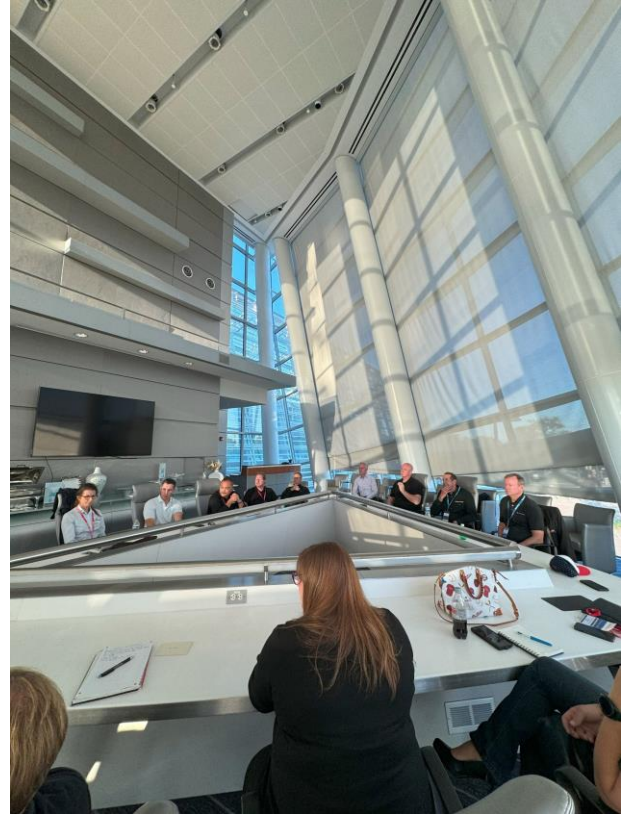
Attention Corporate Members:

The SAFE membership is eager to hear about what is going on with your organization! Members want to hear about anything new....like job openings, internal promotions, new products, recent contract awards, accomplishments, plans, and patents. It is up to you! Please consider sending articles for future SAFE News editions. Send to: admin@safefassociation.com

Vice President's Message

By Dr. Brian Bradke | SAFE Association Vice President

I want to thank everyone for electing me as your SAFE Vice President. Though I am somewhat new to the SAFE Association as a member, I have very quickly seen the impact that our membership has on the preservation of human life. SAFE always has been and continues to be a great organization for discussion of the technologies to protect our service members and others. The presentations at SAFE Symposia have not only presented outstanding research but have spawned great developments that have been a positive impact on the safety and protection of personnel working in the air, sea, land, and even space environments. That is why it is important that we begin preparing for the SAFE Symposium this fall. Please start thinking about those abstracts and presentations to showcase your work! If you are not presenting in the lecture room, consider showcasing your products and services as an exhibitor. The opportunities to network and grow your knowledge between lectures and visiting our various exhibitor booths are endless. Please consider attending this event in Virginia Beach. Be ready to discuss all safety related topics and network with your peers. Again, I thank you for electing me as your Vice President and myself and the rest of the SAFE Association Board look forward to seeing you!



UPCOMING SAFE BOARD MEETING

MEETING
SAFE BoD
3rd Qtr Meeting

DATE
22 May 2024,
Wednesday
9am – 5pm

LOCATION
DoubleTree
Virginia Beach, VA

SAFE BoD
4th Qtr Meeting

7 August 2024,
Wednesday
9am – 5pm

Battle House Hotel
Mobile, AL

If you wish to attend virtually, feel free to contact the SAFE Association Administrator, Stacy Stuber (admin@safeassociation.com for details)

Welcome New Individual Members:

Petite Mathilde
Merignac, France

Cristina Delgado
Denham, United Kingdom

Richard Yates
Denham, United Kingdom

Phillip Rowles
Denham, United Kingdom

Zack Spieth
Leo, Indiana (U.S.A.)

Jennifer Benincase
Dothan, Alabama (U.S.A.)

New Corporate Member:

**Sturges Manufacturing
Co., Inc**
Utica, NY

Reminder: SAFE Association Benefits!

INDIVIDUALS

- Quarterly SAFE Newsletter
- Proceedings from the SAFE Annual Symposium
- All Symposium-related mailings
- Reduced Symposium registration cost.
- Access to members only area of the SAFE Association website
- Voting privileges for your SAFE Board of Directors
- Submission information for our Annual Awards Program

CORPORATE MEMBERS

- Same as Individual Membership above
- Corporate listing and description of products and services on SAFE Association website with link to company website.
- Reduced registration and exhibit space fees for the SAFE Annual Symposium
- Free use of the SAFE Newsletter to deliver news releases - such as personnel changes, new products, new office locations, and contact information
- Corporate Membership includes a Primary and Secondary Corporate Representative

NEXT SYMPOSIUM

MEETING	DATE	LOCATION
62 ND Annual Symposium	October 22 – 24, 2024	Virginia Beach, VA

FUTURE SYMPOSIA

EVENT	DATE	LOCATION
63 rd Annual Symposium	November 4 – 6, 2025	Mobile, Alabama
64 th Annual Symposium	November 3 – 5, 2026	Mobile, Alabama
65 th Annual Symposium	October 26 – 28, 2027	Reno, Nevada
66 th Annual Symposium	November 7 – 9, 2028	Reno, Nevada

SAFE Association Chapters

DFW
METRO
CHAPTER



President: Lizanne Luchetti
E-mail: lizanne.luchetti@serastarsystems.com

WRIGHT
BROTHERS
CHAPTER



President: Mark Gruber
E-Mail: mgruber270@outlook.com

DOWN
UNDER
CHAPTER



President: Steve Madaras
E-mail: smadaras@aeropartsaustralia.com.au

ROCKY
MOUNTAIN
CHAPTER



President: Cassidy Carson
E-mail: kassidy.carson@collins.com

GRAND
CANYON
CHAPTER



President: Jenn Nikopoulos
E-mail: jenn.nikopoulos@taskaero.com

PACIFIC
RIM
CHAPTER



President: Dr. Robert Yonover
E-mail: seerescue@juno.com

EAST
COAST
CHAPTER



President: Dave DeSimone
E-Mail: desimoneassoc@me.com

ROCKET
CITY
CHAPTER




President: VACANT
E-Mail: If you would like to take
the role of President contact
plagaia@gmail.com

SAFE
EUROPE
CHAPTER



President: Peter Marston
E-mail: pmarston@martin-baker.co.uk

MIDDLE
EAST
CHAPTER



President: Mohanad Alakai
E-mail: mohanad.al.akal@hotmail.com

CHAPTER
ONE –
SO-CAL



President: Jim Shaw
E-Mail: jim.shaw@dtswweb.com

Reminder to All SAFE Members:

It is important that the SAFE Association has your current contact information so we can contact you and distribute SAFE products, such as the Newsletter. Periodically, please go to the “Member Login” at the top, right corner of the SAFE Association web page. When the SAFE Directory appears, click on “**Update Your Profile**” at the top, left. Please review your personal information and, update anything needs to be changed, and click on “**Save Profile**” at the bottom of the page. Your efforts are much appreciated!!

Pushing the Limits: How SLICE6 AIR is Transforming Flight Testing

There is a race to the skies with hypersonic, launch vehicles, and eVTOL taking flight on accelerated time tables. One key to that success is efficient flight testing, ensuring both performance and safety compliance.

Challenges of Traditional Flight Test Instrumentation:

- Bulky units add weight, generate heat, and potential reliability issues.
- Complex Cable Management with centralized flight test instrumentation
- Time-Consuming Installation and limited access to the test vehicles.
- Long Lead Times: Standard solutions and custom options are expensive and come with standard lead times of 20-30 weeks.



The Solution: SLICE6 AIR

The miniature SLICE6 AIR data acquisition unit from DTS addresses all of these challenges. Weighing just 50g, SLICE6 AIR is ultra-low power and designed to embed on, or in, the test article near sensors. This eliminates the need for long cable runs, plus also reduces the need for large numbers of slip rings on rotating applications. SLICE6 AIR supports both onboard recording and real-time streaming.

This standalone, distributed system makes it easy to add last-minute channels for modification testing or in locations that were previously inaccessible. Plus, DTS' standard 4-8 week lead times support aggressive testing timelines.

SLICE6 AIR is redefining possible when it comes to pushing the boundaries of flight testing and paving the way for urban air mobility and beyond.

Learn more at <https://dtsweb.com/slice6-air/>.

2024 CALL FOR PAPERS

By Glenn Paskoff | Science and Technology Committee Chair

62nd ANNUAL SAFE SYMPOSIUM • OCTOBER 22nd – 24th, 2024
VIRGINIA BEACH CONVENTION CENTER • VIRGINIA BEACH, VIRGINIA

The SAFE Association's Annual Symposium is the premier international showcase for unparalleled discovery including technical sessions, extensive exhibits, product demonstrations, workshops, technical debates, panel sessions, and networking opportunities. Areas of interest include, but are not limited to, the following:

- Accident Investigation
- Aviation Escape Systems
- Biodynamics and Physiology
- Crash Safety
- Directed Energy Protection
- Energetic Materials
- Extreme Environments
- Ground Vehicle Protection
- Hearing Protection
- Human Factors
- Individual Flight Equipment
- Life Support Systems
- Modeling and Simulation
- NBC Protection/CBRN PPE
- Ocular and Night Vision Systems
- Occupant Crash Protection
- Oxygen Systems/PBE
- Personnel Recovery
- Search and Rescue
- SOF Equipment
- Survival Equipment and Aids
- Test and Evaluation
- Technology Transfer
- Training and Simulation
- Troop Protection
- Windblast Protection

Abstract Calls Soon to Open

**Keep an Eye on Your Inbox and Our Webpage
 For the Opening for Abstracts and the
 Finalized Deadline Date**

<https://www.safeassociation.com/index.cfm/page/symposium-overview>

SUBMISSION GUIDELINES

Briefings, Panels (consist-ing of 2 or more Briefings) Demonstrations & Workshops (specify).

Submit a 300-word abstract (electronically using the online abstract submission portal) to the SAFE Office through the SAFE website link for submissions at www.safeassociation.com.

Abstracts should be typed in 9pt Verdana font. A template is available for download on the website.

Just as the abstract submission process was last year, this year abstracts are to be submitted via a digital entry form through the SAFE website, rather than the traditional e-mailing of the abstract in MS word format to the organization.

Once sub- mitted a compiled abstract, as described above, is generated and e-mailed to the main author and automatically

....Continued on Page 13

“2024 Call for Papers” Continued

forwarded for consideration to the symposium.

Technical Paper abstracts should include Introduction, Methods, Results, and Discussion sections.

Panels, Briefings, Demonstrations, Workshops should contain a paragraph outlining the safety issue to be presented, followed by a description of the program or product and how it is used to address the issue.

Panel sessions should outline the topic or scope, number of presenters by name and affiliation, and the panel chair. When planning a panel, bear in mind that session blocks are 90 minutes. Panel sessions may list “tentative” speakers or papers for acceptance, but these must be finalized before the deadline.

You will be notified when your submission is accepted, rejected, or if revisions are required for acceptance. If your submission is rejected, you may resubmit with corrections and/or changes. Your paper will be scheduled based on the type of paper and content.

AUDIO-VISUAL PRESENTATIONS

Presenters are to bring their presentation, formatted in MS Power Point (wide-screen 16:9 is preferred), electronically saved on appropriate media (memory stick, CD, etc.) directly to their session at least 20 minutes prior to the scheduled start. The program allocates time between sessions to accommodate uploading

the session’s presentations to available presentation equipment immediately before the start. Each presentation will be allotted a total of 30 minutes (20 minutes for presentation time followed by 10 minutes of Q&A). If presentation time exceeds 20 minutes, Q&A time will also be shortened to account for the time difference. For example, if the presentation is 26 minutes, only four minutes will remain for Q&A.

All authors are required to attend the Author’s Briefing to meet and coordinate with the symposium Technical Team, the session moderator, and session co-presenters. Any technical issues or needs will be addressed at that time.

The following presentation equipment will be available for all technical sessions:

- A laptop computer, projector, and screen
- Podium and wireless microphone
- Laser pointer

PUBLICATION IN SYMPOSIUM PROCEEDINGS

- A “static” printable version of the presentation (MS PowerPoint or Adobe PDF) will be required for publication in the Proceedings.
- All technical presentations, including papers, panels, workshops, demonstrations, etc., presented at the Symposium are eligible for inclusion in the Proceedings. It is the responsibility of the author to obtain clearance from their organizations.

Presentation materials will be collected at the Symposium. The proceedings are published to the SAFE website and are available to SAFE members via their member login.

- Materials not collected at the Symposium may be submitted electronically for publication in the Proceedings to arrive at the SAFE office no later than two weeks following the final day of the symposium. Submit earlier if possible.
- It is the responsibility of the Submitting author(s) to ensure that all material, printed or otherwise is presented at the SAFE Symposium or in the SAFE Proceedings has been screened through the submitting organizations public release process and has been approved for Unlimited Distribution.



**SAFE
Association**

Post Office Box 130 Creswell,
OR, 97426-0130

Phone (541) 895-3012

E-mail: admin@safeassociation.com
Website: www.safeassociation.com

Corporate News

ESSEX INDUSTRIES ANNOUNCES NEW VICE PRESIDENT OF MANUFACTURING OPERATIONS

Essex Industries is pleased to announce the promotion of Seth Voelker to Vice President of Manufacturing Operations. As a hands-on leader who takes a simple approach to problems and improvements, Seth has been a driving force in elevating operational excellence within the company.

Seth joined the company in July 2019 as the Continuous Improvement Manager, driving continued refinement throughout the business. He spent the last two years helping Essex acquire and integrate two new companies into their portfolio as the Operations Manager.

Seth has an MBA and a Bachelor of Science in industrial engineering, as well as a Lean Six Sigma Black Belt and Green Belt. His work experience includes leadership roles at Lear Seating, Brunswick Boats, and Visteon, with 23 years in manufacturing.

Essex Industries is a manufacturer focused in aerospace and defense markets, with product lines that include platform controls, aircraft components, liquid oxygen systems, and emergency breathing equipment. Essex employs over 400 people at its locations in St. Louis, MO, Huntington Beach, CA, and Milford, CT.

For more information on Essex, visit www.essexindustries.com.



Seth Voelker
Vice President of Manufacturing
Essex Industries



Association Development Update

By Kevin "Dumpster" Divers | Chair, Association Development Committee

Your Association Development Committee has been working hard to provide new and interesting opportunities to our current members as well as work to draw in more from the Sea, Land, and Space side of the house who collectively work hard to preserve human life. These initiatives are being tailored to both meet the below goals of the Association as well as improve what it means to be a member of the SAFE Association:

- Stimulate the advancement of sciences and technologies to improve safety devices, life support systems, protective equipment, and human-machine interfaces.
- Promote new concepts and products, exchange technical information, and discuss special interest issues.
- Enable Association members to have greater opportunities for professional development, achievement, and recognition.
- Educate the public, industry, and government to improve human effectiveness and safety in systems design and operations.
- Coordinate with the military representatives on matters of mutual interest to the Association.

What does this mean to you? It means that we will get a more full and effective body of experts who design, evaluate, market, and in the end provide products and services very much focused on the preservation of human life on Land, in Air, at Sea, and in Space. It is not about simply growing in size; it is collectively growing the SAFE Association's ability to help others achieve in their fields, promote technical exchange that creates breakthrough technologies, and educate the public, industry, and government in ways it can improve human effectiveness and safety. With our long-standing relationship with the military, we will continue to be a close working team to make sure that our Soldiers, Marines, Sailors, Airman, and Guardians have the best in protection and human effectiveness. This is not an easy task, and it will take a lot of human capital to get it where we need it. So that is why the first focus that has a significant change deals with our membership categories and developing our Fellows and bringing on an Associate Fellows Group.

Currently there are five membership categories with the Senior Fellow Member category being the highest grade of membership in the Association. It looks for 25 continuous years of membership with the SAFE Association in good standing. There must be a level of performance that the Board of Directors feels is worthy of this acknowledgement. Performance can be invention, development, research, testing, teaching, and even authoring/publishing.

What is a fellow defined as beyond the SAFE Association? According to the internet (yes, dubious research area but it fits here) it is universally considered an honor and sometimes a role that has oversight of large organizations that help maintain a consistency and prestige of the organization. How many of us know who the Senior Fellows of the SAFE Association are? They are certainly living Senior Fellows and there are some Senior Fellow-worthy Candidates that have not been recognized yet. So how can we resolve that disparity and at the same time create a better path to the Fellow honor for the betterment of the Association? While also introducing a cleaner path to Fellow by developing Associate Fellows.

This will take a redefining and membership vote to change the Constitution for an added category of Associate Fellow and then Bylaw reworking by the Board of Directors for redefining the Senior Fellow Member category and adding a definition as to what an Associate Fellow is and how that member gets to that category of Membership.

You will see over the next few months both an open campaign to nominate a Senior Fellow Class of 2024, while also hoping to capture previous Senior Fellow Members of the SAFE Association. With a membership quorum met at the Annual Meeting in Virginia Beach this fall we will be able to add the Associate Fellow category and begin work through 2025 for our first class of Associate Fellows with the backing development of how one moves from Associate to Senior Fellow.

All said, I am open to bring on committee members (must be a current SAFE Association Member) to assist with this initiative as well as any other initiatives that promote our Association's development. Please contact me with any ideas, suggestions, or comments.

E-Mail: kevin@proflightgear.com

Information Management

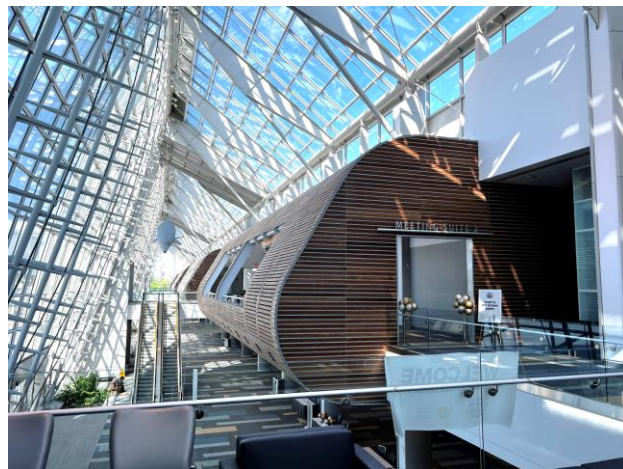
By Lauren Divers | Chair, Information Management Committee

We hope that you all are enjoying the new format of our SAFE Association Newsletter. We continue to work hard to help provide the information as well as the energy you all deserve as SAFE Association members. These new initiatives do involve you all directly. What do we need from you? Provide us pictures of your work, products, and meetings. Help us with your ideas and stories. Want to more directly help? If you or someone you know has a knack for IT/Computer skills, let us know! We are looking to expand our team to incorporate the younger generation and those who have always wanted to help but didn't know how.

If you are interested, please contact the IM Chair at lauren@proflightgear.com and we will get you plugged in (pun intended).

SOCIAL MEDIA UPDATES

We are making big changes in the SAFE Social Media this year. We will be highlighting a different company each month, talking about who they are and sharing their SAFE story. If you want your company to be highlighted, please contact lauren@proflightgear.com with your photos and story and we will get it posted!



*Attention
Corporate Members*

**Please Send Us Your
Advertisements!**

The SAFE membership is eager to hear about what is going on with your organization! Members want to hear about anything new....like job openings, internal promotions, new products, recent contract awards, accomplishments, plans, and patents. It is up to you! SAFE members are interested in what is going on with your organization and your product lines. Please consider sending articles for future SAFE News editions. They should be sent to:

Stacy Stuber
admin@safesassociation.com

Lauren Divers
lauren@proflightgear.com

Christine Hussey
christine@lifesupportintl.com

SAFE Journal

By Dr. Camille Bilger, 2024 Journal and Editorial Committee Chair

THE SAFE ASSOCIATION JOURNAL ACCEPTS MANUSCRIPTS SUBMISSION ALL YEAR ROUND!

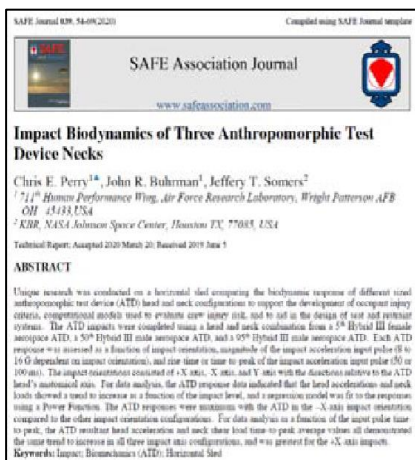
We accept:

- Original research articles
- Literature reviews
- Technical reports (example shown on the side)
- Short Communications/ Case studies (~4 pages)
- For example: acquisitions need or operationally observed challenges)
- Letter to the Editor: a short form of communication, to comment objectively on a previously published article.

Get writing! So that our community can benefit from your knowledge, your experience, your expertise; to make a difference for our servicemen and servicewomen.

Get your work published!

The process for manuscript submission and publication is comparable to any other international peer-reviewed journal. A Guide to Authors will take you through the submission and publication processes. Please email me at Editor@safeassociation.com for further information.



Human Factors / Aircrew Flight Equipment Doings Elsewhere

By Kevin Divers, Association Development Committee

Air National Guard Aircrew Flight Equipment Workshop: The next ANG AFE Workshop will be at Reno, Nevada from 21 – 23 April at the Nugget Casino and Resort. Exhibitor slots will be made available through a government solicitation due out shortly.

DOD Human Factors Engineering Technical Advisory Group (DOD HFE TAG): The next meeting of the DOD HFE TAG will be 22-26 April 2024 at the NASA Marshall Spaceflight Center, Huntsville, Alabama. The TAG and its more-than-a-dozen SubTAGs will meet to review HFE plans, accomplishments, trends, etc. Industry personnel may attend if requested or if a member of the Technical Society/Industry SubTAG.

For more details go to the following link – <https://rt.cto.mil/ddre-rt/dd-rtl/hfetag/>

Aerospace Medical Association (AsMA): AsMA will hold its Annual Scientific Meeting in Chicago, Illinois on May 5-9, 2024. 94th Aerospace Medical Association Annual Scientific Meeting Registration – <https://go.members.asma.org/events/upcoming-events?ss=0&reltime=timezone>

Human Factors and Ergonomics Society (HFES) ASPIRE: HFES will hold its International Annual Meeting and Exhibition on 9 – 13 September 2024 in Phoenix, Arizona. Link to event –

<https://www.hfes.org/Events/ASPIRE-The-International-Annual-Meeting>

National Defense Industrial Association (NDIA): The Human Systems Conference will be held at George Mason University on 21 – 22 March 2024. Link to Event Information and Registration –

<https://www.ndia.org/events/2024/3/21/4350---human-systems>

POSEIDON BOTTLES



COMPRESSED AIR – EMERGENCY BREATHING SYSTEM (CA-EBS)

PEEBD1206

Pressure: 3000psi
 2nd Stage Reg: Sherwood
 1st Stage Reg: 3000psi
 Hose Length: 20 inches
 Cylinder: Aluminum
 NSN: 4240-98-208-3743



PEEBD9393

Pressure: 4500psi
 2nd Stage Reg: Sherwood
 1st Stage Reg: 4500psi
 Hose Length: 20 inches
 Cylinder: Composite
 NSN: 4240-98-208-3744



Designed to Fit Current Cylinder Pockets

✓ Both PEEBD1206 - 3,000psi aluminum cylinder and PEEBD9393 - 4,500psi composite systems offer the same cylinder footprint of 180mm x 50mm cylinders. Using the same size cylinder ensures Users are not faced with Pocket modification to the Life Jacket/Survival Vest systems when upgrading from one system to the other.

Extremely Low-Profile 2nd Stage Regulator

✓ Another unique feature for Users is the design of the 2nd Stage Regulator offering an extremely low-profile design for attachment to the Life Jacket/Vest. This feature ensuring the regulator taking up less real estate on the life jacket.

Ease of Updating to Higher PSI systems

✓ Other unique features includes a single design 1st Stage regulator for both the 3,000psi and 4,500psi systems. This feature allows for Users currently locked in to 3,000psi systems at a later date to update the system to 4,500psi without the need to replace the entire system - this feature ensures costs savings to the customer and enhanced life of the product.



PEEBD1206 PEEBD9393

SAVE Per Bottle Over 15 years	\$2,715.54 LESS	LIFE CYCLE PRICE	\$2,907.70 LESS	SAVE Per Bottle Over 15 years
% COST of competitor Over 15 years	44.01% The Cost of Competitor	LIFE CYCLE PERCENT LOWER	48.23% The Cost of Competitor	% COST of competitor Over 15 years
SAVE Per Bottle Per Year	\$181.07 LESS/YEAR	COST PER YEAR	\$193.85 LESS/YEAR	SAVE Per Bottle Per Year

CUSTOMER NOT RESPONSIBLE FOR HYDROSTATIC TESTING: At the Five-Year Mark of your Poseidon Bottle Pro Flight Gear provides the customer with an exchange bottle delivered in the shipment container that the old bottle is put in and is prepaid shipped. All the labels and other items provided to keep operations going!



sales@proflightgear.com
 1-844-776-3598

2023/2024 SAFE ASSOCIATION BOARD OF DIRECTORS

ELECTED BOARD MEMBERS

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Nicole Stefanoni

PRESIDENT-ELECT

Steve Bromley

SECRETARY

Scott Butler

IMMEDIATE PAST PRESIDENT

Kevin "Dumpster" Divers

VICE PRESIDENT & FINANCE COMMITTEE CHAIR

Dr. Brian Bradke

TREASURER & FINANCE COMMITTEE CHAIR

John Hampton

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Glenn Paskoff

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Lauren Divers

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Ebby Bryce
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PACIFIC RIM CHAPTER

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DFW METRO CHAPTER

Lizanne Luchetti

DOWN UNDER CHAPTER

Steve Madaras

MIDDLE EAST CHAPTER

Mohanad Alakal

ROCKY MOUNTAIN CHAPTER

Kassidy Carson



LIFE SUPPORT
INTERNATIONAL

The SAFE Association Newsletter is available to SAFE Association Members and welcomes content from Government, Industry, and Academia. Send your content or content ideas to admin@safeassociation.com with the subject titled Newsletter.

Pictured is Life Support International's UNI-PAC III in the bomb bay of a P-8 Poseidon. The UNI-PAC III is the world's first and only qualified multi-mission airdrop SAR system for the P-8 Poseidon. The UPIII includes a 20-man life raft, survival gear, extending the search & rescue capabilities of P-8 users across the globe. With the weapons bay fully outfitted with five systems, the UNI-PAC III provides the P-8 with the potential to render aid to up to 150 people, all in a single sortie.

