



SAFE News

Dedicated to Ensuring Personal Safety and Protection in Land, Sea, Air, and Space Environments

SAFE Association – Our 61st Year

Volume 21 | Number 2 | Spring 2018

President's Message *By Edgar "Ted" Poe, 2018 President*

Dear Members...

I hope the first quarter of this New Year has been rewarding as well as prosperous. I find once again I am in an airline seat heading to my next destination and it's time to get a message built and sent to our team so the newsletter gets out soonest. Yes, the reason the newsletter is out late is because of me. This newsletter is packed with information that we hope will be informative and start to fuel a conversation on several important topics. Over the last four months, your Board of Directors has been working on numerous issues that we hope will bring clarity as well as financial well-being to our organization in the future. So get that cup of coffee, pour that drink, and get ready...this train is leaving the station.

SAFE Europe Chapter: It was my honor and privilege to attend this year's 25th SAFE Europe Symposium as well as meet all the Chapters leadership and volunteers. Congratulations to David Griffiths and the team for a job well done. From the selection of the location, the speakers, the presentations, the Gala Dinner, it was a fantastic and very inspiring event. I learned a great deal from so many. During this event, the Chapter held its annual meeting as well as elected their new officers. I would like to publicly thank Chris Pugh-Bevan for all the work he has accomplished for the Chapter for so many years. His work, leadership, and commitment have truly laid the foundation of a great organization. I know Chris does not like to be praised as he is a very humble person... so with that I will just say this. Diolch yn fawr! Thank you for your work, your passion, and your commitment to serve by making a difference to so many! With the passing of a torch comes new leadership, new passion, and new dreams. Congratulations to Sarah Day and the team. The board and I are very much looking forward to working with each of you over the next year. What you have is a very close and hardworking team that makes a difference each and every day!

SAFE Middle East? During my recent trip into the UAE a conversation started with SAFE Association members

who live and work in the area on how they could have a SAFE chapter for their area. Thus, the movement has started. With the kind support from Mr. David Forrest, a member of the Survitec Team, a group is exploring how to develop a chapter for the Middle East as well as organize an event that would bring the community together. They are hoping this effort will help build training and certification events, courses on new equipment as well as help open relationships and discussions on topics that are affecting the region. If any organization or member would like to help set this chapter up or help in organizing an event in that region, please reach out to our administrator and we will get you connected with the right individuals.

Chapters: Over the last few months, a frenzy of emails and communications has been heading out to all the chapters so that we can clean up some of the administrative issues of the association. As a non-profit approved organization, we are required by US law to have certain documents on hand and organized. We thank each chapter organization for the work and the help in getting these needed documents completed. I would also like to thank Al Loving for taking the bull by the horns and getting the process back on line. Thank you for making this process better as well as making our organization stronger.

Email: Well, I would love to say we have Email for the organization, but it's just not there yet. As soon as we transferred everyone on the board to the new system, someone hacked my identity and started sending emails out to the board and some membership using my name. My apologies to all for this problem and to the confusion it has caused. Just recently, I received an email from myself asking if I would make take time to chat. Funny as that was, the serious part is we need to get our email and electronics process more secure. In the next few months we will be doing that and hope to have this issue fixed for once and for all.

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2018 SAFE ASSOCIATION - BOARD OF DIRECTORS

ELECTED BOARD MEMBERS:

PRESIDENT,
& FINANCE COMMITTEE MEMBER

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AWARDS COMMITTEE CHAIR,
FINANCE COMMITTEE MEMBER
& NOMINATIONS COMMITTEE MEMBER

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COMMITTEE MEMBER

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VICE PRESIDENT & FINANCE
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<https://www.facebook.com/pages/SAFE-Association/182879935059392>

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 "**Manage Your Profile**" at the top, left. Please review your personal information and, if anything needs to be changed, click on "**Update Your Profile**" at the top or "**Make Changes**" at the bottom. When you are done updating, just click "**Save Profile**". Thank you!! Your efforts are much appreciated!!

(Continued from page 1)

Future Symposia: As we march closer to the 2018 event in Reno, our sights are now on where we will go starting in 2020. Thanks to John Plaga and several board members, we have started to look at venues and areas where we might/would like to have our future symposiums. In the next few months, locations will be scouted, racked and stacked and then released to all in our newsletter that will be released prior to the symposium. Then the choice will be yours. That's right, yours. During the Reno event at the SAFE Association Booth, we are going to ask everyone attending to vote and document where you want our symposia to be located. It's critical that we get your feedback and wishes.

Reno 2018: The symposium call for papers as well as the symposium release to industry have been disseminated. This year you will see a new layout that we hope opens up traffic as well as creative ways to layout your area for your organizations. This layout opens up our ability to once again have lunches in the exhibit areas as well as provide locations for individuals to meet. We again this year will have a Monday lunch provided for all members and we are working now finalizing a lunch for Tuesday as well thanks to a grateful sponsor. Once again the USAF and USN programs are working to fully support our symposium with people and with another structured and open industry day type event. We know that several functional staffs from the USAF Major Commands for Aircrew Flight Equipment will be attending as well. This year we will have Internet available for all in the symposium area and we hope will connect members to products as well as provide you all a link to an online site for getting our symposium information. We still have lots of planning and work to move forward on but we believe we are in a good place on making sure we meet all our members and attendees needs. Rooms will once again be available for workshops, meetings and sponsored events. For all industry partners, we are looking to bring back evening social events. If you would like to sponsor or have an event, please contact myself or Stacy. These past occasions are great networking opportunities and mean a lot to so many. Would you please consider? Last word on the symposium for this part of the newsletter...There is a huge change this year. This year we are going to have a reception in the exhibit area starting at 1830 hours and go until 2030 hours on the Sunday evening. This provides us an opportunity for our VIPs and Guest Speakers to walk around and meet all attendees. We will announce our guest/VIPs in Aug once we have everything on the agenda confirmed.

Financial Responsibility: No matter how we look at it, our association needs funds to operate and with that, our team have been working on developing a financial plan that will secure a base line of funds in our accounts for any future emergencies as well as cover annual cost. Our biggest money earner is our Symposium. Thus, prices had to change to meet the association's needs. It was not an easy decision...with that said, we have had to raise our prices as well as separate Booth Spaces and People attending. Last year we had a very difficult time tracking spaces and attendance. We had the data, but when it was broken out, it was very difficult to sort out attendance and cost, booth space and cost. This year you will find booth cost is just that...cost for the booth space. You will also see cost for that space has decreased. We understand this change could be an issue as every organization must look at cost.

February Board Meeting: On 7 Feb, the board of directors met at Pax River MD and started the process of completing association business. Based on that meeting we are working on where the symposium is going to be in 2020 to 2024, developing a financial road map, cutting cost, enhancing the website to provide online access to our documents and past programs, reaching out to industry partners to better understand how we can meet their needs, reaching out all the US services to see how we can better support them, and more importantly how we can build a better association with solid sustainable members. In all, the board had a lot of discussion and thanks to a lot of efforts was able to move the needle one point further. In the next couple of months we hope that we can better explain and show how we are accomplishing just that.

Industry Partners: As I learn more and more about our association, I am in awe on how much our community relies on so few. In the next few months a call out will be accomplished to ask for industry willing to provide training or set up training events during the symposium. I have been asked by the services to explore how we could provide training or workshop events again at the symposium. For that to happen, I completely understand there are numerous hurdles to be overcome. Would you please consider talking within your organization and look at what it would take for you to offer training or briefings to help our users better work and sustain the equipment and program they use. If you have any thoughts on this or questions or concerns, please reach out to me or any member on the board.

What Next: For an organization to grow, we must look at every part and every path that could be considered to be traveled. Before we can grow, we must define who we are. During the month of May, the Board of Directors will be meeting to define that simple question. Who are we as an organization? I highly encourage each and every member or reader of this new letter to reach out to the Board of Directors, to reach out to the Chapter leadership and let us know what you think? The time you spend on that question and developing the feedback will greatly help this association.

In Closing: Told you it was going to be a long one...This organization is about people, it's about the art of saving lives, it's also about developing sustainable relationships and developing the ones that will lead us in the future. I challenge each and every member to look for new avenues for us to explore, new technology to harness, and relationships to build. Until the next letter, trip, or event, thank you so very much for the impact on safety each and every one of you has.

Travel Safe!

The logo for Ted, featuring the word "Ted" in a stylized, blue, cursive font.

Vice President's Message *By John Plaga, 2018 Vice President*

Hey all, Vice-President here, I wanted to start by saying thank you for your support and membership in the SAFE Association. One of my goals for the Association is to improve the value of being a member of SAFE versus just a chapter member or merely attending the Symposia. I am working with the board to identify ideas for increasing (or providing) benefits to bona fide members. While I have some ideas that I am pitching to the Board, I am open to any ideas that the current members may have. How can we increase the value to members? How can we increase membership?

This year I'm also the chair of the Site Selection Committee for the upcoming (2020 - 2024) Symposia. I'm working with the Board to define reasonable site selection criteria, and I'm using other similar sized organizations as a starting point; however, I'm also interested in hearing from the members on what aspects of a location are most influential on your decision (or your manager's) to attend (or not attend) the Symposium. Some preliminary feedback has indicated mixed results with respect to "touristy locations" such as Las Vegas, Reno, and Orlando. While those locations may provide economical sense and motivation for people to attend (with spouse and family) and present papers, certain managers might look at these locations as "boondoggles". As a government supervisor, I am concerned about the total cost of attending the Symposium (airfare, lodging/per diem, registration fee) as well as the benefit (education/training, collaboration/networking) of the event, but my perspective is just one of many in both government and industry. Again, with this, I would appreciate any feedback from members on pros and cons of various Symposium sites.

Please feel free to contact me with ideas, concerns, or any kind of feedback for either increasing the value of SAFE Association membership or with respect to Symposium locations. You can send me an email at: plagaja@gmail.com with the subject line: "SAFE Association Feedback".

Thank you,

John

SAFE 2018 YTD Treasurer's Report *By Jerry Reid, 2018 Treasurer*

Jerry Reid reported that the SAFE Association's operating income for 2018, as of February 2018, was \$4,207, with operating expenses of \$23,738, for a net income of (19,531). This is consistent with past organizational financial trends, as the association gears up for the SAFE 2018 symposium. Our total assets currently exceed \$347,754. As a reminder, more than 85% of yearly SAFE operating revenues and over 55% of expenses carry over from past SAFE Symposia. The total Net Income in 2017 was \$78,180 and we are projecting a better year in 2018.

Jerry

SAE INTERNATIONAL HUMAN SYSTEMS INTEGRATION STANDARD - GETTING CLOSE!

The G-45 Human Systems Integration Committee of SAE International is on the "home stretch!" After two full years of development, the first best practice standard for HSI is completing its "senior panel review." It is anticipated that the standard (SAE 6906) will move successfully through the DOD adoption review process and official SAE balloting in the next six months. Hopefully, by early 2019, the DOD community will have a standard to guide HSI activities in support of acquisition programs. The standard summarizes HSI and domain activities in a non-binding section and provides HSI requirements and guidance for HSI Programs from "Pre-Milestone B" through system retirement. Additional information may be obtained from Steve Merriman at scmerriman@tx.rr.com.

Welcome NEW MEMBERS

New Individual Members

Brian Griffin	Edwards, CA	Kelly Snapp	Edwards, CA	Matthew Zu	Edwards, CA
Kurtis Long	Edwards, CA	Daniel Son	Edwards, CA	Mike Hodges	Denver, CO
Dr. Dwight Peake	Edwards, CA	James Ung	Edwards, CA	Kaylie Braun	Marysville, CA
Karen Richards	Edwards, CA	Richard Weaver	Edwards, CA	Dan Kenney	Long Beach, CA
Matthew Sechler	Edwards, CA				

New Corporate Members

SEE/RESCUE Corporation	Honolulu, HI	Massif	Ashland, OR
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From the Membership Committee

By Joshua Minton, 2018 Membership Committee Chair

It is finally that time. Spring has sprung! (at least in some areas) and we witness the growth that comes with the season. Here at SAFE we've had some growth as well. After the success of the free memberships offered at the Symposium, we have welcomed another 14 new members to the organization from our friends at NASA on Edwards AFB, CA. This is great news but like any garden we need to water the plants to continue growth. With the increased activity in all facets of our industry and the world that the members of SAFE service it is a great time to invite our Military, Industry and Academic contributors to share their knowledge and experience.

The following is a report from Bob LaFrance on SAFE Europe:

The SAFE Europe Chapter has celebrated its 25th year. Luckily, I managed to attend this event again at the end of March. The SAFE Europe Symposium 2018 was a well-attended event. Besides the more than 150 attendees, the SAFE Europe Committee welcomed the current SAFE Association president, Mr. Ted Poe.

The event was held 3 hours by train, North of London in a beautiful country side hotel and conference center. Evening events included a ball with a Beatles tribute (we were close to Liverpool, why not?) band and an outstanding dinner. This special evening was a black-tie event with dress uniforms and ball gowns. A golf course on the property prompted a golf tournament, which was won by the "Team of Bobs" from three different countries. The venue was exceptional.

I offer the below information and photographs from the event. Make plans to attend next year's event!

We also would love to hear stories from the Membership itself on events and activities related to SAFE. Be it press releases, trade shows, awarded contracts or academic research and breakthroughs. We want to share the contributions that the people of SAFE are make happen.

Joshua



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:

- 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 the SAFE Board of Directors
- Submission information for our Annual Awards Program
- 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

UP-COMING MEETINGS

MEETING

DATE

LOCATION

SAFE ASSOCIATION
56th ANNUAL Symposium

October 15 - 17, 2018

Grand Sierra Resort, Reno, NV

Call for Nominations -



Elected Officers to the Board of Directors for the 2019 Term Year

The SAFE Association was built, has thrived and been sustained by the dedicated volunteer energies of its Members. Stepping up, pitching in, and collaborating with other like-minded volunteers to carry out the Associations goals and objectives is the engine that continues to drive SAFE's success.

The primary 'drivers' of SAFE are the Board of Directors. Each year a new Board comes together to build on the lessons learned and accomplishments of those member-volunteer Boards before it.

The process for fielding Candidates for the Membership to consider and elect as Officers to the SAFE Association Board of Directors is an annual requirement under the Constitution and By Laws.

Our goal with this early outreach announcement is to have a vetted and Board-approved slate of Nominees no later than June 1st, 2018. This targeted end date would ensure adequate time for the printing, mailing, and return of the ballots to the Association's CPA. The results will then be presented at the last Board meeting before the 2018 Symposium.

Nominations are now being received for the positions of:

- **President-Elect (2019)** **Pre-requisite** for this position is to have previously served a minimum of one (1) year on the Board of Directors in an Appointed or Elected Position
- **Vice President – No Pre-requisite**
- **Secretary– No Pre-requisite**
- **Treasurer– No Pre-requisite**

The Officers normally serve a term of one (1) year. To be approved as a Candidate each Nominee must be a current member in good standing to run for office.

We encourage you to consider volunteering your talents to be a Candidate by stepping up and pitching in with your creative, thoughtful and collaborative energies. 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 harms way.

If you are interested in being a candidate and to learn more about the process please contact me, or Nominations Committee members Joe Spinosa (2016 President) and David DeSimone (2017 President), our Administrator Stacy Stuber, or any current Board member.

Thank you,

Barry Shope

2018 Nominations Committee Chair

(barry.shope@fxcgardian.com)

Calling all SAFE National and Regional Chapter Members...

By Allen "Al" Loving, 2018 Chapters Committee Chairperson

As your 2018 Chapters Committee Chairperson, I am committed to building upon the success we currently enjoy as an association and would like to share with you a few thoughts on our regional SAFE chapters and my vision for what they bring to the safety and survival communities we serve.

This vision includes enhancing the Association's visibility and standing within the four environments and disciplines the Association was chartered to serve - - Land, Sea, Air, and Space. In doing so, our chapters play a huge role in that vision by contributing to the current and future growth of the Association.

I truly believe that we can stimulate growth through effective communications. By strengthening the communications between SAFE National and the Chapters, the membership, industry, and like-minded organizations, and strengthening the communications between Chapters themselves we create growth and advance our stated goals and objectives while building a better Association for today and into the future.

Our chapters and our members (individual and Corporate) are the heartbeat of SAFE. Together we can make great strides in growing the Association through a revitalized National and Chapter individual and Corporate Sustaining member recruitment and retention effort.

It's not just a website, a social media site, or a publication that generates interest in becoming or remaining a member of SAFE National or one of our regional chapters. I believe it is individual face-to-face contact that generates that interest and members, and visibility which enhances our standing within the communities we seek to serve.

With that in mind, I lay a simple challenge before each SAFE National and Chapter member. It's simple! Become an active member of your regional chapter -- get involved in their sponsored activities and meetings that provide an exchange of ideas and information, presentations of new equipment and procedures encompassing governmental, private and commercial applications in the fields of safety and survival.

By becoming and remaining active in your chapter you help promote the goals and objectives of the Association which are:

1. Stimulate the advancement of sciences and technologies to improve safety devices, life support systems, protective equipment, and human-machine interfaces
2. Provide a forum to promote new concepts and products, exchange technical information, and discuss special interest issues
3. Enable members to have greater opportunities for professional development, achievement, and recognition
4. Educate the public, industry, and government to improve human effectiveness and safety in systems design and operations
5. Increase the influence of the Association to implement its primary goals
6. Continuously improve the Association's value to its members and the community

To those that take up the challenge, your efforts will add new and additional voices to our safety and survival cause while enhancing the visibility of your regional chapter and the Association.

Enhanced Association and chapter visibility, an improved standing within the safety and survival disciplines, stimulated growth through communications, and a revitalized recruitment and retention effort--that's my vision as your 2018 Chapters Committee Chairperson.

If you're not already active in your chapter, I highly encourage you to make use of the SAFE Board Directory provided with this and every edition of the SAFE News and contact your regional chapter today and become an active participant in their efforts to promote safety and survival. With your help, dedication and support I believe we can make this vision a reality.

Al



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March 2018

2018 CALL FOR PAPERS
56th ANNUAL SAFE SYMPOSIUM
OCTOBER 15 - 17, 2018
GRAND SIERRA RESORT & CASINO
RENO, NEVADA

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**

**Deadline for Abstract Submission is
June 15, 2018**

SUBMISSION GUIDELINES

Briefings, Panels (consisting of 2 or more Briefings) Demonstrations and Workshops (please specify)

Submit a 300-word abstract (electronically in MS Word format) to the SAFE Office at safe@peak.org or through the SAFE website at www.safeassociation.com. Abstracts should be typed in 9pt Verdana font. A template is available for download on the website.

All information requested on the last page of this Call for Papers is required and must be submitted with your abstract. **Submissions will not be accepted without it.**

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

Panels, Briefings, Demonstrations, and 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, electronically saved on appropriate media (memory stick, CD, etc.) directly to their session at least twenty 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.

All authors are required to attend the Author's Briefing on the day of their presentation 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 in CD format and are distributed to all meeting attendees and SAFE members via mail.
- ❖ 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, that is presented at the SAFE Symposium or in the SAFE Proceedings has been screened through the submitting organization's public release process and has been approved for Unlimited Distribution.**

[See required submission form on next page](#)

Complete and Submit with Abstract

(Please clearly print or type all entries)

Type of Presentation _____
(Briefing, Panel, Workshop, Demonstration)

Complete Title of Presentation _____

Length of Time Requested for Presentation _____

(20-25 minutes is standard time for a presentation within a session, followed by a 5 minute question and answer period. Normally three papers will be presented in each 90 minute session block.)

Presenter (Mr./Ms./Dr.) _____

Organization _____

Position/Title _____

Complete Mailing Address _____

Telephone _____ Cell Phone _____

Email Address _____

Comments or Special Requests (SAFE cannot guarantee either a specific day or time for a presenter, but will try to accommodate reasonable requests. Please indicate such requests in this section.)

SAFE Journal (If interested in converting your presentation into a technical paper for submission to the SAFE Journal, check the box below.

Note, the SAFE Journal is a separate publication from the SAFE Proceedings, which are published following the Symposium. The SAFE Journal is a peer-reviewed publication that is published every other year. Submission of a paper does not guarantee final acceptance into the SAFE Journal. The SAFE S&T Committee and Editors reserve the right to decline papers that they feel do not meet the technical qualifications for professional publishing or that fall outside the scope of the SAFE Association's mission statement.)

Yes, I am interested in being contacted by the SAFE Association with the intent of submitting my presentation, in technical paper format, to the SAFE Journal for consideration.

For Further Information Contact
SAFE Association
Post Office Box 130, Creswell, OR 97426
Phone (541) 895-3012; Fax (541) 895-3014
Email safe@peak.org or visit our web site at www.safeassociation.com



SAFE
Association

56th ANNUAL SAFE SYMPOSIUM OCTOBER 15 – 17, 2018

GRAND SIERRA RESORT AND CASINO RENO, NEVADA



On behalf of the SAFE Association Board of Directors, we cordially invite your participation in SAFE's 56th Annual Symposium, to be held at the Grand Sierra Resort and Casino in Reno, NV. This three-day, jam-packed event will include industry, military, and affiliate exhibits, technical papers and panel sessions, workshops, informative guest speakers and product demonstrations. The Symposium provides an international venue for the exchange of technical information, product and service exhibitions, and the showcasing of industry capabilities to meet challenges in vehicular occupant protection and personnel-worn safety equipment. Countless safety and survival attendees make SAFE their #1 priority meeting each year, with many scheduling design reviews, technical interchange meetings, and supplier coordination meetings during this event.

Offering a beautiful hotel, the 56th Annual SAFE Symposium promises to deliver! Come early and stay late - - we'll do everything we can to insure you have a great experience! The preliminary information booklet will be forthcoming shortly as a downloadable PDF as well as being emailed to all SAFE members. We ask that you periodically check our website - www.safeassociation.com for all Symposium updates.

Technical Presentations: The SAFE Call for Papers has been emailed to all SAFE members and submission guidelines and submission form are posted on the SAFE website (www.safeassociation.com). We urge everyone to submit their abstracts soon!

Exhibit Space Booth Reservation: Opens May 1, 2018. Exhibit information can be found on the SAFE website or e-mail (safe@peak.com) the SAFE office for a current floor plan and applicable paperwork. **Don't miss out on this excellent opportunity!**

2018 Symposium Registration: Opens May 1, 2018. Please visit the SAFE website (www.safeassociation.com) to register on-line. Or, if you prefer to register by mail, a registration card may be downloaded and printed out.
EARLY BIRD SPECIAL: MEMBER REGISTRATION RATE \$400.00 MAY 1- MAY 31.

2018 Golf Tournament: TBA: Information will be posted to the SAFE Website and emailed to SAFE Members, exhibitors and symposium attendees.

GRAND SIERRA RESORT AND CASINO RENO, NEVADA

When calling the Grand Sierra Resort for reservations, please identify yourself with SAFE Association Symposium and reference the code SAFE18 to receive the group rate.

Group Reservation Number:

(800) 501-2651 or (800) 648-5080

Hotel Main Line:

(775) 789-2000

Non-Government & Government

Attendees can book on line:

<https://aws.passkey.com/e/49509737>

GSR Standard King / Queen Suites \$99.00

Summit Standard King / Queen Suites \$119.00

Rooms are available at the prevailing government Per Diem rate and are subject to change. Government employees and members of the military should reference Code: SAFE18 with the reservation clerk (or include when reserving online).

SAFE holds the room block for Non-Government and Government Attendees from October 12th –18th.

Room Reservation Deadline Cut-off is Midnight September 11, 2018 to be able to receive the 2018 SAFE rates.

Cancellation policy: Hotel requires a one night's room deposit, per room, to guarantee accommodations. "HOTEL" accepts all major credit cards for deposit, which is refundable if cancellation is made 48 hours prior to arrival. The deposit guarantees the sleeping room until 12:00 Midnight on the scheduled arrival date. If guest will arrive after midnight they must call to assure the room is held.

Notice of Housing Scam: If you are contacted by any company claiming they are the "official" housing service for the 2018 SAFE Symposium, or that they can get you significant reductions on rooms, please do not do business with them. SAFE has made no arrangement, nor does it plan to, for the utilization of a 2018 sleeping room housing service.

Management at the Grand Sierra Hotel has been advised and, unfortunately, reported that this is becoming more of an issue across the country each year. They have also reported that these shysters get as much money as they can, close shop and move prior to being arrested. Be forewarned.



EAST/WEST INDUSTRIES, INC.

AN INNOVATIVE COMPANY

FOR IMMEDIATE RELEASE:

East/West Recognized as a “Supplier of the Year” by Boeing

RONKONKOMA, NY, April 12, 2018 – East/West Industries, Inc. has been recognized as a Supplier of the Year in the Global Supplier Diversity category by The Boeing Company. East/West was one of just 13 companies honored April 11 for distinguished performance in working with Boeing.

In February, East/West was notified that it was one of 85 companies worldwide to receive the Boeing Performance Excellence Award Gold. Subsequently achieving the Supplier of the Year designation further acknowledges East/West’s superior performance and labels this class of winners as the best of the best.

This year’s recipients represent an elite group among 13,000 active Boeing suppliers in 57 countries around the world. The selection was based on stringent performance criteria for quality performance, delivery performance, cost, environmental initiatives, customer service and technical expertise.

Founded on Long Island in 1968, East/West designs, manufactures and repairs aircraft seats and other products critical to crew safety and survival. Boeing has selected East/West seats for its SB>1 Defiant and CH-47 Chinook helicopters.

“This is a remarkable honor and a point of pride for our entire team,” said East/West President Teresa Ferraro. “Being named as a Supplier of the Year reaffirms that the men and women of East/West are tremendously capable and responsive to Boeing’s expectations for cost, quality and schedule.”

About East/West Industries

East/West Industries, Inc. a woman-owned, small business located in Ronkonkoma, New York (on Long Island), and a recognized leader in the design and manufacture of lifesaving equipment, is celebrating 50 years of saving lives.

Contact:

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A Look Back...

The mission and objective of the SAFE Association is the preservation of human life. And by providing a common meeting ground for the sharing of problems, ideas and information, SAFE can help stimulate research and development in the fields of safety and survival, and act as a clearinghouse to disseminate information. But, it is agreed by many that the fastest and most innovative improvements are usually driven by military operations.

For example, looking at aircraft accident rates for the four years 2013 - 2016, the US Air Force experienced a loss of 32 aircraft (destroyed) with 43 fatalities. For comparison, during a similar length of time the US Army Air Forces (WWII) lost 14,903 pilots, aircrew and support personnel plus 13,873 airplanes, just within the continental United States. The vast majority of these mishaps were during training as the country ramped up production of aircrews and aircraft, but it highlights the extreme demands placed on training where safety usually took a backseat.

Combat losses were even higher. Records show the U.S. lost 43,581 aircraft overseas including 22,948 on combat missions and 20,633 due to non-combat causes, that is 47% to accidents (mechanical, pilot error, weather, poor training). Despite these incredibly high rates of loss, the conflict spurred great technical innovation to reduce casualties. Unpressurized aircraft such as the B-17 Fortress were equipped with pressure-demand oxygen systems, heated flight clothing, and advanced goggles to permit viewing towards the sun. Swedish, German, and British aircraft pioneered the use of ejection seats, while Russian aircraft featured superb armor plating.

And sometimes innovations come about by accident. The famous WWI fighter pilot Eddie Rickenbacker was a passenger in a bomber that crashed at sea in WWII. For 21 days, he and the crew survived on a few fish, rain water, and a sea gull, suffering severe sunburns, dehydration, and salt water sores. After he returned to the US, he filed a report with recommendations to USAAF Commanding General "Hap" Arnold that all survival rafts should be fitted with a cover to collect rain water (and provide sun shade) and a salt water distilling kit, features still used today and which have saved many lives since. Later, General Arnold personally observed large numbers of frostbite cases in a British hospital that were attributed to inadequate cold weather flight equipment. General Arnold formed a special unit at Wright-Patterson AFB that cut through logistics red tape to develop improved cold weather gear as well as body armor and first aid kits for those high-altitude unpressurized bombers, and saved many lives in the process.

Regardless of what drives technical changes, it's important that these innovations reach the wider population, a role which the SAFE Association serves. The membership of SAFE represents many years of advanced education and practical knowledge which is invaluable, and I ask that you contribute to the overall knowledge of all members by sharing with us your experiences or "lessons learned" regarding safety and survival or flight equipment. Send your ideas or stories to <https://safeassociation.com/>. There may be something you can share that will save a life one day!

2018 SAFE ASSOCIATION AWARDS PROGRAM - Call for Nominations

ATTENTION: Corporate, Individual, Military & Academic Members of SAFE

Recognize the achievements of your colleagues by nominating them for an award!

If you do not recognize them,... who will?

Since the inception of the SAFE Association, one of our goals is to provide opportunities for participants in our Industry to be recognized for their contributions.

This is an early reminder about the SAFE Association annual Awards process.

Each year the SAFE Board of Directors announces recipients of industry recognition awards at our annual Symposium.

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

All nominations should be submitted by close of business, Friday, July 23, 2018.

Your nomination should follow the guidelines provided at the SAFE Association website www.safeassociation.com and must be submitted before the deadline.

Once received, the Board of Directors evaluates each nomination based on the 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 in the past year, or over an entire career. Project and Program Teams that have made recent major contributions also are prevalent in the military, new product development, contract services provider, and academic research communities.

Award categories are:

MICHAEL R. GROST 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 through education, knowledge, science, application of investigative techniques, or engineering.

TEAM ACHIEVEMENT AWARD acknowledges the recent accomplishments of an industry 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

We encourage you to reflect on a person or team whom 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 **close of business, Friday, July 23, 2018**. **Go to www.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 via mail to the SAFE Association headquarters.**

The person being nominated, can be either a current Member or Non-Member. But remember, 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 nomination submissions is close of business, Friday, July 23, 2018.

Specific award criteria are posted on our website at www.safeassociation.com.

For other questions please Email the SAFE Administrator at safe@peak.org or call (541) 895-3012.

SAFE ASSOCIATION AWARDS COMMITTEE

Capewell Aerial Systems adds 3 new product lines

SAFE Association Member, Capewell Aerial Systems has finalized deals to add three new product lines to their already diverse array of safety and tactical gear for military and law enforcement markets.



1. SHOTSTOP Ballistic Armor



Capewell is now a Master Distributor for ShotStop Ballistic Armor plates. These new lighter weight polymer plates feature exclusive Duritium technology and are far lighter and less bulky than traditional steel or ceramic plates. Importantly, they offer greater stopping power while maintaining their integrity better against multiple “hits”. Unlike other ballistic plates, ShotStop’s standalone rifle plates are buoyancy positive (they float!), which is incredibly important for wearers operating in marine or aquatic environments.

In gun range testing, ShotStop plates were able to stop everything the techs could fire at them even from short range (15 feet). A single plate absorbed twenty 9mm slugs, five 5.56 rounds, nine 7.62x39 rounds and two 45 cal rounds---all without penetration through the back of the plate.

In a separate test, ShotStop’s new Scout IV Body Armor plate stopped SIX high-powered armor-piercing rounds fired from just 15 feet away—with minimal back face deformation. The National Institute of Justice’s (NIJ’s) highest standard (Level 4) was passed when the first shot was fired.

Special Deputy, Larry Moore of the Wood County (OH) Sheriff’s Office commented, “Stopping two rounds would be impressive. The fact that this plate stopped six rounds from that proximity is unheard of.”

ShotStop’s polymer ShotStop armor is available in a wide variety of standard and custom sizes to replace or upgrade existing plates. Further, Capewell Aerial Systems offers multiple plate carriers to meet specific operational needs.

ShotStop is quickly becoming the preferred armor for SWAT teams, police forces, and homeland security. Capewell is proud to offer the very best ballistic protection available to the brave men and women who step into harm’s way for the common good.

2. ATLAS Powered Ascenders

Several months ago Atlas Devices, the world leader in rapid access solutions and advanced climbing equipment selected Capewell as a master distributor for its remarkable line of powered ascenders and accessories. Capewell will also be offering hands-on training at their dedicated facility in Virginia.

Atlas products provide rapid access capabilities to military strike forces, law enforcement, search and rescue teams, fire fighters, homeland security, dive teams, utility workers—and others who need quick access to inaccessible places. These rugged systems can be used in all types of environments including urban structures, marine applications, industrial installations and mountainous terrain. Powered ascenders literally allow the user to walk effortlessly up the side of a building, a sheer cliff or a ship’s hull.



Powered ascenders have a huge variety of potential applications. They can be used not only to move people in and out of inaccessible locations, but also move equipment and supplies.

3. Aviation Specialties Unlimited (ASU) NVG Mounts and Accessories

Capewell now offers Night Vision Goggle Mounts and Accessories from ASU. AERONOX helmet mounts from ASU are widely acknowledged to be the best available for a fast expanding field. Night vision systems have become essential equipment for military teams—both on the ground and in the air, and are in regular use by general law enforcement, SWAT teams, search & rescue organizations and even fire departments.

AERONOX helmet mounts and battery packs from ASU are more durable and versatile than other systems. The QD universal interface allows secure attachment to both ground and aircrew helmets. The reinforced carriage is high strength polymer and aluminum for flawless performance in high stress situations. An NVG release button allows the goggle to be removed and safely stowed when not in use. The integrated low battery indicator alerts the user when battery power is low.

The AERONOX battery pack features a connector cord that powers either AERONOX or legacy NVG Mounts. Molded entirely tough, lightweight polymer, this battery pack is durable enough to stand up to the toughest mission environments. Accommodates 4 standard AA batteries. Compatible with dovetail clip mounts or hook and loop systems.

Capewell President and CEO John Marcaccio commented that “We are expanding our product lines to include innovative safety and tactical gear that really makes a difference in the field. We look for the products that represent the best of their category, because we want our customers to know that we’ve got their back.”

For more information on these and other Capewell products, visit www.capewell.com or contact Josh Hall, Director of Sales @ 276-952-3112 or via email at josh.hall@capewell.com.



The USAF Aircrew Life Support/Aircrew Flight Equipment (ALS/AFE) Veterans and Retirees Group Reunion

By Allen "Al" Loving, Group Immediate Past President & Reunion Committee Member

In September 2014, the USAF Aircrew Life Support/Aircrew Flight Equipment (ALS/AFE) Veterans and Retirees Group announced the formalization of their group and its first elected governing body.

The group welcomes all current and former members of the several USAF Aircrew Protection professions whether still serving, retired or separated and regardless of military or civilian status. It also invites members of our sister services and the private sector who work in a related profession to join them.

The primary mission of the group is to stimulate and maintain the camaraderie within the uniformed, retired, veteran and private sector Personal Equipment (PE), Aircrew Life Support (ALS), Survival Equipment (SE), and Aircrew Flight Equipment (AFE) community.

Group President, John "JP" Patti, asks all eligible attendees to please mark their calendars now to attend the upcoming 23rd Annual PE/ALS/SE/AFE Reunion being held September 10-13, 2018, at the Imperial Palace Casino Resort in Biloxi, Mississippi. He also asks that you visit their website at www.usaf-afe.net or their Facebook page (USAF Aircrew Life Support & Aircrew Flight Equipment Veterans and Retirees) for additional information on the group and additional details regarding their upcoming 23rd annual reunion.

We hope to see you in September in Biloxi!



For Immediate Release

SWITLIK and Life Support International Inc. partner to expand international reach of Anti-G garments.

Anti-G suits provide reliable blackout protection for military aviators.

Trenton, NJ, February 21, 2018 – SWITLIK Parachute Company, Inc./DBA SWITLIK Survival Products is the world's largest qualified manufacturer of CSU-13 B/P and CSU-15 A/P Anti-G suits for the U.S. Air Force and Navy. SWITLIK is pleased to announce a partnership with Life Support International, Inc. (LSI) in which LSI will become the exclusive stocking distributor of SWITLIK Mil-spec Anti-G suits for all international governmental requirements. Stocking SWITLIK Anti-G suits in their headquarters in Langhorne, Pennsylvania allows LSI the ability to easily service all international customers with little to no lead-time. This ultimately will allow LSI and SWITLIK to expand international sales of this speciality aircrew survival garment.



The CSU-13 B/P and CSU-15 A/P the anti-gravity suits are worn by aviators of high performance aircraft to counteract the effects of G forces. It is a wraparound garment with an internal inflatable bladder which compresses the abdomen and legs of the wearer during G induced flying maneuvers.



Christina Belmonte, Vice President of LSI, stated: “LSI is pleased to align itself with Switlik Survival Products, a local manufacturing company with a long history of high-end governmental survival product design and manufacturing. We look forward to promoting and providing superior customer service for the sale of G Suits!”

Anthony Florio, SWITLIK Director of Sales, commented:

“SWITLIK has had a long relationship with LSI as one of our best dealers for our line of military and commercial aviation products. One of their great strengths is their extensive international dealer network which ultimately weighed heavily in our decision to partner with them for exclusive Anti-G suit distribution. Additionally, LSI was a natural fit for partner as we both share similar corporate philosophies which makes working with them extremely easy.”

About SWITLIK

Established in 1920, SWITLIK has been owned and operated by the Switlik family for four generations and is known worldwide as a manufacturer of the highest quality sewn and heat sealed inflatable safety and survival products for the aviation, marine, and military markets.

About LSI

The products and services LSI offer are the last line of defense in the event of an emergency and can make a difference between disaster or coming home safely. LSI is dedicated to providing superior customer service, rapid response and providing the best possible equipment solutions for customers and the hazardous environments in which they operation; air, sea, land.



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The Red Devils Partner with Gentex to Support Word of Honor Charity

Ops-Core Helmets worn during promotional and training jumps in California

Carbondale, PA, March 12, 2017. Gentex Corporation, a global leader in personal protection and situational awareness solutions for defense forces, emergency responders, and industrial personnel announced today that its partners, The Red Devils, will conduct a jump during their promotional and team training this month in San Diego, California to support Word of Honor Fund, a charity that facilitates milestone events for the surviving children of SEALs and Special Operations personnel who have died in the line of duty. Gentex provides The Red Devils, the official parachute display team of both The Parachute Regiment (The Paras) and the British Army, with [Ops-Core FAST Carbon High Cut Helmets](#), worn during their jumps.

"We're proud to support Word of Honor Fund," said Tom Short, vice president ground systems, Gentex Corporation. "Helping to fulfill a fallen operator's promise to their children further emboldens us in our mission of protecting those that serve."

Through their partnership with The Red Devils, Gentex supports The Paras and the British Army, both long time customers of Gentex Corporation, and promote their common goal of advancing parachuting and skydiving safety.

With its unique system design and patented rail technology for mounting helmet accessories, Ops-Core is today's leading brand of modular, scalable, open-architecture helmet systems for elite defense and security forces. Ops-Core helmet system platforms and components are designed to seamlessly work together to provide true system level performance for today's most demanding users.

To learn more about or to make donations to Word of Honor Fund, [click here](#).

About Gentex Corporation

Leveraging a history that spans over 100 years, Gentex is a leading provider of innovative solutions that enhance personal protection and situational awareness for global defense forces, emergency responders, and industrial personnel operating in high performance environments. The company's product portfolio includes helmet system platforms and capability upgrades for defense and security forces, sold under the Gentex, Ops-Core, ALPHA, Cromwell, and Argus brands; Aegisound hearing protection and communications products for military and industrial personnel; PureFlo industrial respiratory protection systems; Dual Mirror aluminized fabrics; and Filtron light management technology. Privately held, Gentex is headquartered in Carbondale, Pennsylvania, and supports its global customers through a worldwide distributor network and five other facilities in the U.S. and the U.K. Learn more at www.gentexcorp.com.

About Word of Honor Fund

Word of Honor Fund provides a continuum of support that facilitates milestone events for the surviving children of SEALs and Special Operations personnel who die while assigned to select Naval Special Operations Groups. Our word is our bond and it is the purest form of trust. The most sacred of all is a father's promise to his children. Word of Honor Fund is committed to fulfilling the intentions of our fallen heroes by ensuring his children experience life as he had planned before his sacrifice. His untimely passing challenges his promise. Who will honor his word? We will...Learn more at www.wordofhonorfund.com.

Media Contact

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Gentex Receives U.K. MoD's Design Approved Organization Scheme Certification

Award further validates Gentex's design abilities and enables continued growth in the U.K. and Europe

Carbondale, PA, April 5, 2018. Gentex Corporation, a global leader in personal protection and situational awareness solutions for defense forces, emergency responders, and industrial personnel announced today that it has been awarded the U.K. Ministry of Defence's (MoD) Design Approved Organization Scheme (DAOS) certification after a successful audit of their U.K. facilities by the U.K. Military Aviation Authority (MAA) on behalf of the MoD. Certification enables continued U.K. MoD contract work.

"We're proud to have received the U.K. MoD's DAOS certification for our U.K. facilities," said Richard Dellar, chief commercial officer, Gentex Corporation. "The certification further validates our commitment to providing the U.K. MoD and other customers with the highest standards of performance and user safety, coupled with leading edge technology, such as chem-bio and laser eye protection." Dellar added, "In addition to enabling future U.K. MoD work, the certification helps us expand our already strong business throughout Europe."

In existence since 2010, the MAA has been providing independent assessments of the competence of defense contractors and service organizations involved in the design of aircraft systems, associated equipment and airborne explosive ordnance and armament equipment. U.K. MoD policy is to only procure from contractors who have been DAOS certified.

Gentex has been supporting the U.K. MoD for over 75 years, with products such as the ALPHA helmet system and associated Active Noise Reduction (ANR) headset.

About Gentex Corporation

Leveraging a history that spans over 100 years, Gentex Corporation is a leading provider of innovative solutions that enhance personal protection and situational awareness for global defense forces, emergency responders, and industrial personnel operating in high performance environments. The company's product portfolio includes helmet system platforms and capability upgrades for defense and security forces, sold under the Gentex, Ops-Core, ALPHA, Cromwell, and Argus brands; Aegisound hearing protection and communications products for military and industrial personnel; PureFlo industrial respiratory protection systems; Dual Mirror aluminized fabrics; and Filtron light management technology. Privately held, Gentex is headquartered in Carbondale, Pennsylvania, and supports its global customers through a worldwide distributor network and five other facilities in the U.S. and the U.K. Learn more at www.gentexcorp.com.

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