

Committee Reports



EDUCATION COMMITTEE Scholarship Program

Lou Milanovich



2019 Phillip L. Turner Scholarship Report

REQUIREMENTS FOR CONSIDERATION:

- Applicant must be a full-time sophomore, junior or senior student currently registered in the upcoming school year.
- Applicant must be enrolled in a four-year program or a full-time master's degree program in fire protection engineering or administration with an accredited university or college located within the United States or Canada.
- All application requirements must be received by the deadline.
- Only applicants that meet the requirements will be considered.

DEADLINES AND DATES:

- "Application Period: September 1, 2018 to June 1, 2019 (Close Date: 6/1/19)
- Application Evaluation Period: June 15 to July 15, 2019
- 2019 Recipient to be Announced by: July 31, 2019
- Scholarship to be Awarded by: August 15, 2019



GOVERNMENTAL AFFAIRS COMMITTEE

Lee Morris
David Durstine



GAC Members

- John Granby, Co-Chair
- " David Durstine, Co-Chair
- " Lee Morris, Co-Chair
- " Scott Beecher
- " Richard Boyes
- " Mark Brenneman
- " Craig Brooks
- " Corey Carlson
- Tim Dean

- " Emily Foster
- " John McNulty
- " Chad Moffat
- " Cindy Morgan
- " Mike Natchipolsky
- David Russell
- " Steve Stein
- Scott Weishaar
- " Jeff Mazza (FAMA Board Liaison)

GAC Support

Dave Gatton and Development Initiatives Inc. (DII)
Washington Consultant



2018 Hill Day

- Over 115 meetings, attendees representing 34 companies participated
- " Fourteen key meetings with House and Senate leadership
- Seven meetings with House and eight with Senate full Appropriations Committee members or staff
- Ten meetings with both House and Senate Homeland Security Appropriations Subcommittee members or their staff
- Six meetings with both House and Senate Homeland Security Committee members or their staff



2018 Home Days

- Akron Brass hosted staff for Congressman Jim Renacci on August 13
- W.S. Darley & Co. hosted Representative Adam Kinzinger September 24
- Ward Diesel hosted representatives of State and Federal government October 24

Reminder: Please share your Home Day events by sending photos and information to info@FAMA.org to post on the GAC website.



2019 Goals & Activity

- Full funding for AFG and SAFER grant programs, U.S. Fire Administration (received \$44.18 million for FY2019) USAR program (received \$45.18 million for FY2019, a \$10 million increase over 2018)
- " FY19 DHS Appropriations funded AFG & SAFER at \$350 million each. (Flat funding from 2018)
- CFSI stakeholders have again requested \$810 million for AFG/SAFER (\$405 million each) for FY2020



2019 Activities for the Members!

- " Hill Day 2019 April 24-25 in conjunction with CFSI
- Call your Congressional Offices and promote AFG SAFER, USFA and USAR funding initiatives
- Invite your congressional office to visit your facility (Home Days)
- " Home Day Tool Kit with talking points and briefing are available on the GAC website: https://www.famafemsagac.org/
- Report your activity back to the GAC



MEETING PLANNING COMMITTEE

Bill Doebler



Bill Doebler. Chair

Damon Lewis . Co-Chair

Mark Albright. On Site Coordinator

Mike Bowman . Speaker Coordinator

Pat Cahill . Group Activities

Chick Granito . Sponsorships

Kaoma Massa. Event Photography

Grady North . Speaker Coordinator

Gary Pacilio . Sponsorships

Jeff Resch. Speaker Coordinator

Ron Truhler. Golf Tournament Coordinator

Andrew Lingel . FAMA Board Liaison



Special Thanks to the 2019 Spring Meeting Sponsors

The high quality and tremendous value the FAMA Spring Meetings offer would not be possible without the generous support of our sponsors. Please be sure to seek them out, thank them and learn about the services and products they represent.

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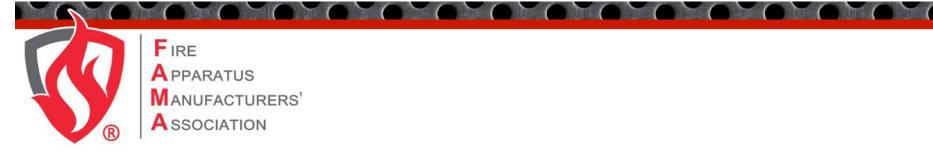










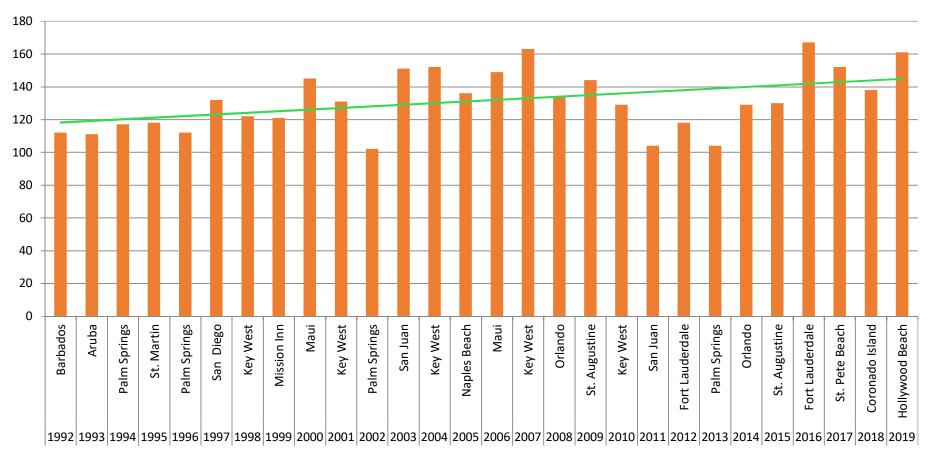


Year over Year Attendance

Year	Location	Members	Guests	Companies
2013	Rancho Mirage	68	36	44
2014	Orlando	88	41	51
2015	St. Augustine	86	44	50
2016	Fort Lauderdale	103	64	65
2017	St. Pete Beach	97	51	66
2018	Coronado Island	91	45	63
2019	Hollywood Beach	104	57	77

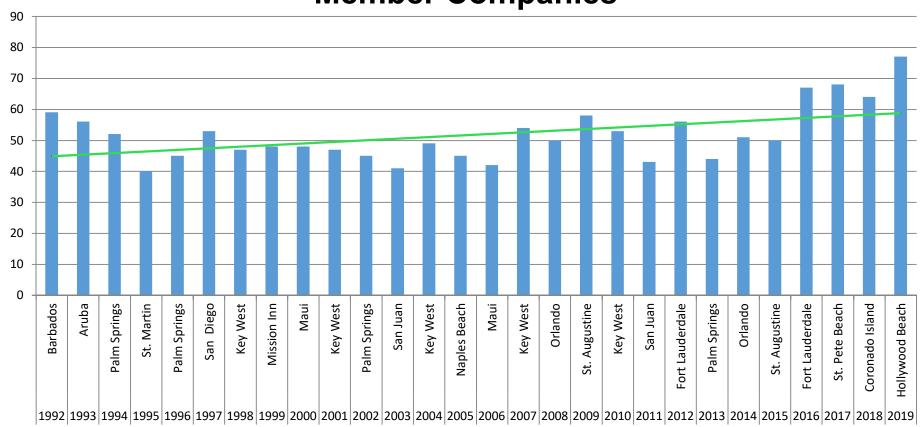


Members and Guests





Member Companies





Fall Meeting 2019

Toronto Marriott Downtown Eaton Centre Hotel

October 9-11, 2019







Fall Meeting 2019 (October 9-11, 2019)

We're looking for sponsors for the 2019 FEMSA/FAMA Annual/Fall Conference

Those interested in sponsoring please email info@fama.org



Spring Meeting 2020

Don CeSar Hotel St. Pete Beach, FL

March 21-24, 2020







Fall Meeting 2020

JW Marriott New Orleans

October 7-9, 2020







Spring Meeting 2021

The Westin Fort Lauderdale Beach Resort Fort Lauderdale, FL

March 19-23, 2021





Fall Meeting 2021

The Westin Tampa Waterside Tampa, FL





NOMINATING COMMITEE

David Durstine



Nominating Committee Members

- " David Durstine (Past-Past-Past President)
- " Scott Edens (Past-Past President)
- " Steve Toren (Past President, Board Liaison)



Activities

- " Manage Nomination Process
- "Identify Candidates for 2020 Board Positions
- " Identify Candidates for Future Consideration



Publish Nomination Call April 30, 2019

Identify and contact candidates for 2020 board positions May 15, 2019

Prepare template for Slate of Nominees June 30, 2019

Finalize slate of 2020 candidates July 15, 2019

Publish slate of 2020 candidates Aug 15, 2019

Presentation of Process and Slate

Call for Nominations from the Floor

Election of 2020 Officers

2019 Fall Meeting



Current Board Structure

Past President President Vice President Secretary Treasurer DAL DAL

VP elected each year by membership – automatic progression

Elected by membership for 2 year term — non progressive (alt to Treasurer)

Elected by membership for 2 year term – non progressive (alt to Secretary)

2 year terms - one elected every other year from Apparatus representatives

2 year terms - one elected every other year from Component representatives



2020 Open Board Positions

Vice President . 3 Year Auto-Progression

Secretary . 2 Year Position

DAL. Apparatus. 2 year Position



Candidate Qualifications

- Qualified representative of a member company who has previously served in a leadership position within the association as a committee or subcommittee chair, co-chair, vice-chair, or similar leadership role,
- "Board of Directors is empowered to determine the qualifications of candidates seeking election to the Board
- Nominees for Vice President must have 2 years service on Board of Directors.



MARKETING & TRADE SHOW COMMITTEE

Andrew Lingel



Committee Members

- " Oran McNabb(Amdor)* Board Liaison
- " Tim Allaband (Matheny Motors)* Co-Chair
- " Angie Esposito (E-ONE)
- " Marty Hetherington (Spartan Emergency Response)
- " Marcello Iacovella (Waterax)*
- Noah Levins (HAAS Alert)
- " Alissa McGlone (Sutphen Corporation)
- " Kim Morrow (IDEX)
- " Karen Pramas (UPF)

^{*} Designates NEW member since Spring meeting



Marketing Activities

- " Web reformat to better address Technical Docs
- Spring Meeting graphics
- " GAC logo
- " FDIC/FDSOA Prep
- Social Media/Website Data
- " Trade Show events
- Trade Show survey
- Suggestions for this year



Web Reformat

Non PDF buyers guide

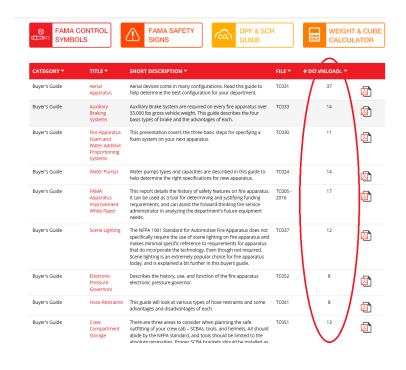
Last spring meeting
discussed the need to
make some adjustments to
website so that PDFs
didnd show up alone,
without the page
supporting them.

Prepared by the FAMA Chassis Subcommittee				
This guide does not endorse any manufacturer or product				
ontents	PDF			
TRODUCTION				
/ERVIEW				
MMON AUXILIARY BRAKING SYSTEM TYPES				
ECTROMAGNETIC RETARDERS Frame Mounted Axle Mounted				
ECTROMAGNETIC RETARDERS (CONTINUED)				
HAUST BRAKE				
MPRESSION BRAKE				
ANSMISSION RETARDER				
INTROL METHODS				
STEM COMPARISON				
DITIONAL RESOURCES				
troduction				
1901 Sandard for Automotive Fire Apparatus requires that any apparatus over 33,000 to GWM must be equipped with an auxiliary braiking system. This means a season is requiring the apparatus other ann the service braiks braiking to all the accomplished through the action of the engine endough of the control of the engine endough of the endough o	the			
tifs any engineered system design, there are advantages and disadvantages to each system. There are many commercially available products and not every system red by this globe. This golds is presented as a general information and educational poince, as technologies do continuously evolue. The various options and auxilia primer may not be available from every manufacture, and you may not be able to sperify more abone one yet more in an apparatus.				



Web Reformat

- Also added counters to see what are our most popular documents and how many times they have been downloaded
- Also added tracking to gather more fire department contacts





Spring Meeting Graphics





Graphics by: Noah Levins



New GAC logo





New

Graphic by: Richard Duda at Akron Brass



FDIC Sponsorship & FDSOA

Ad in Official Show Guide and FDSOA



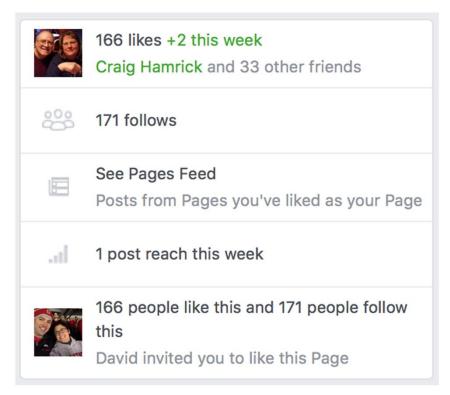
Maryland Hallway
Banners

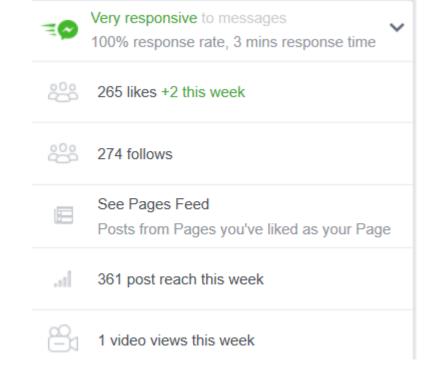


Graphics By: Karen Pramas



FACEBOOK



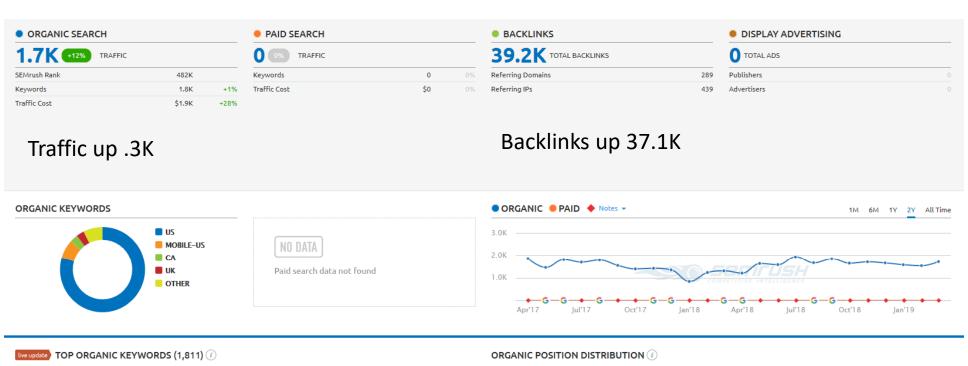


Last year

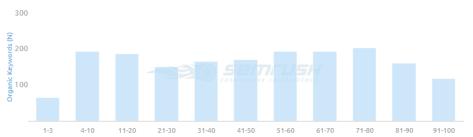
This year

Increase followers by 100 people, increase likes by 99. still need a lot more work





Keyword Pos. Volume CPC (USD) Traffic, % fama 2 (3) 4,400 2.33 33.41 fire truck dimensions 1(1) 260 0.10 7.12 fire truck length 1(1) 140 0.00 3.79 fire truck width 1(1) 140 0.00 3.79 fama scholarship 1(1) 90 0.00 2.45



Key words distribution has doubled in the 1-20 range







2019 - FAMA Spring Meeting Website

Keyword	Pos. 🕏	Volume \$	KD \$	CPC (USD) \$	URL	Traffic % 💠
how wide is a fire truck	1 (1)	880	63.99	0.00	fama.org/wp-cont2d.pdf	30.93
☐ fama	9 (9)	3,600	56.73	0.08	www.fama.org/	8.08
fire truck dimensions	1 (1)	170	69.53	0.00	fama.org/wp-cont2d.pdf	5.91
how much does a fire truck weigh	3 (3)	590	68.49	3.88	fama.org/wp-cont2d.pdf	3.97
fire truck weight	1 (1)	110	75.27	0.00	fama.org/wp-cont2d.pdf	3.82
fire appliance dimensions	1 (2)	90	68.28	0.00	fama.org/wp-cont2d.pdf	3.14
how much does a fire engine weigh	1 (2)	90	77.15	0.00	fama.org/wp-cont2d.pdf	3.14
☐ fama org	1 (1)	50	31.47	0.00	www.fama.org/	2.99
fire truck height	1 (1)	70	69.95	0.00	fama.org/wp-cont2d.pdf	2.39
fire apparatus manufacturers association	1 (1)	30	64.55	0.00	www.fama.org/	1.79
weight of a fire truck	1 (1)	50	73.33	0.00	fama.org/wp-cont2d.pdf	1.72
firetruck weight	1 (1)	50	73.11	0.00	fama.org/wp-cont2d.pdf	1.72
height of fire engine	1 (1)	50	64.05	0.00	fama.org/wp-cont2d.pdf	1.72
weight of fire truck	1 (1)	40	70.33	0.00	fama.org/wp-cont2d.pdf	1.34
fire apparatus manufacturers list	1 (1)	40	47.12	0.76	www.fama.org/	1.34
fama.org	1 (1)	20	39.41	0.00	www.fama.org/	1.19
fire engine weight	1 (1)	30	73.27	0.00	fama.org/wp-cont2d.pdf	1.04
dimensions of a fire engine	2 (2)	90	60.05	0.00	fama.org/wp-cont2d.pdf	0.82
dimensions of a fire engine	2 (2)	90	60.05	0.00	fama.org/wp-cont2d.pdf	0.82

	Keyword	Pos. 🖨	Diff. ≑	Traffic 🜲	Traffic % ≑	Volun
>	fama	3 → 2	↑1	572	33.41	4,4
>	fire truck dimensions	1 → 1	0	122	7.12	2
>	fire truck length	1 → 1	0	65	3.79	1
>	fire truck width	1 → 1	0	65	3.79	1
>	fama scholarship	1 → 1	0	42	2.45	
>	what is the length of a fire truck	1 → 1	0	42	2.45	
>	fire truck weight	2 → 2	0	41	2.39	3
>	fire truck dimensions	2 → 2	0	33	1.92	2
>	standard fire truck dimensions	1 → 1	0	32	1.86	
>	fire truck weight	3 → 3	0	28	1.63	3
>	how much does a fire truck weigh	5 → 5	0	24	1.40	4
>	how much does a fire truck weigh	6 → 6	0	24	1.40	4
>	fire brigade vehicle dimensions	1 → 1	0	23	1.34	
>	fire pump capacity	1 → 1	0	23	1.34	
>	smoky mountain fire	15 → 15	0	22	1.28	4,4
>	fire apparatus manufacturers	4 → 4	0	22	1.28	3
>	fire truck length	2 → 2	0	18	1.05	1
>	wildwood fire convention	• → 3	new	15	0.87	1
>	fire truck width	3 → 3	0	12	0.70	1



People consistently find FAMA.org when searching for fire apparatus dimensions.



		14.53% ₹ 15,144 vs 17,718	13.85% ▼ 14,889 vs 17,283	16.80% ₹ 20,572 vs 24,725
1.	25-34			
	Jan 1, 2018 - Jan 1, 2019	4,011 (25.67%)	3,881 (26.07%)	5,390 (26.20%)
	Jan 1, 2017 - Jan 1, 2018	4,632 (25.07%)	4,400 (25.46%)	6,098 (24.66%)
	% Change	-13.41%	-11.80%	-11.61%
2.	45-54			
	Jan 1, 2018 - Jan 1, 2019	3,463 (22.17%)	3,255 (21.86%)	4,595 (22.34%)
	Jan 1, 2017 - Jan 1, 2018	3,868 (20.93%)	3,551 (20.55%)	5,355 (21.66%)
	% Change	-10.47%	-8.34%	-14.19%
3.	35-44			
	Jan 1, 2018 - Jan 1, 2019	3,389 (21.69%)	3,203 (21.51%)	4,442 (21.59%)
	Jan 1, 2017 - Jan 1, 2018	3,939 (21.32%)	3,656 (21.15%)	5,212 (21.08%)
	% Change	-13.96%	-12.39%	-14.77%
4.	55-64			
	Jan 1, 2018 - Jan 1, 2019	2,294 (14.68%)	2,164 (14.53%)	3,038 (14.77%)
	Jan 1, 2017 - Jan 1, 2018	2,636 (14.27%)	2,432 (14.07%)	3,637 (14.71%)
	% Change	-12.97%	-11.02%	-16.47%
5.	18-24			
	Jan 1, 2018 - Jan 1, 2019	1,585 (10.15%)	1,552 (10.42%)	2,003 (9.74%)
	Jan 1, 2017 - Jan 1, 2018	2,323 (12.57%)	2,231 (12.91%)	2,868 (11.60%)
	% Change	-31.77%	-30.43%	-30.16%
6.	65+			
	Jan 1, 2018 - Jan 1, 2019	881 (5.64%)	834 (5.60%)	1,104 (5.37%)
	Jan 1, 2017 - Jan 1, 2018	1,079 (5.84%)	1,013 (5.86%)	1,555 (6.29%)
	% Change	-18.35%	-17.67%	-29.00%

	Acquisition	Acquisition			
Gender ?	Users ? ↓	New Users ?	Sessions ?		
	15.23% ▼ 15,477 vs 18,258	14.70% • 15,203 vs 17,823	17.40% • 20,990 vs 25,412		
1. male					
Jan 1, 2018 - Jan 1, 2019	10,441 (67.07%)	10,214 (67.18%)	14,369 (68.46%)		
Jan 1, 2017 - Jan 1, 2018	13,466 (72.80%)	12,981 (72.83%)	18,583 (73.13%		
% Change	-22.46%	-21.32%	-22.68%		
2. female					
Jan 1, 2018 - Jan 1, 2019	5,126 (32.93%)	4,989 (32.82%)	6,621 (31.54%		
Jan 1, 2017 - Jan 1, 2018	5,031 (27.20%)	4,842 (27.17%)	6,829 (26.87%		
% Change	1.89%	3.04%	-3.05%		
	Acquisition				
Device Category ?	Users ? ↓	New Users ?	Sessions ?		
	0.46% ★ 35,371 vs 35,209	1.14% ↑ 35,352 vs 34,955	0.71% •		
1. desktop					
Jan 1, 2018 - Jan 1, 2019	21,985 (61.84%)	21,802 (61.67%)	29,994 (64.05%)		
Jan 1, 2017 - Jan 1, 2018	24,231 (68.82%)	23,988 (68.63%)	33,065 (71.10%)		
% Change	-9.27%	-9.11%	-9.29%		
2. mobile					
Jan 1, 2018 - Jan 1, 2019	11,909 (33.50%)	11,919 (33.72%)	14,474 (30.91%)		
Jan 1, 2017 - Jan 1, 2018	8,893 (25.26%)	8,911 (25.49%)	10,712 (23.04%)		
% Change	33.91%	33.76%	35.12%		
3. tablet					
Jan 1, 2018 - Jan 1, 2019	1,655 (4.66%)	1,631 (4.61%)	2,362 (5.04%)		
Jan 1, 2017 - Jan 1, 2018	2,085 (5.92%)	2,056 (5.88%)	2,725 (5.86%)		
% Change	-20.62%	-20.67%	-13.32%		

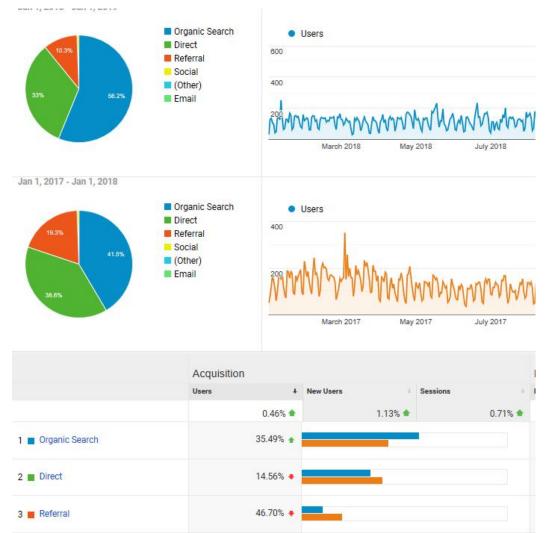


- Age demographics has stayed the same, however a 14% drop in visitors
- " Slight uptick in the number of female visitors\
- Big increase in the number of mobile (cellphone) visitors



4 Social

2019 - FAMA Spring Meeting



4.46% .

- Big increase in our organic search 35.49% (this is what you want to see)
- -14% drop in direct%www.fama.org+in to thebrowser
- Referrals also dropping -46.7%Small uptick in social media.



rage	Pageviews	% Pageviews	
1. /			æ
Jan 1, 2018 - Jan 1, 2019	24,057	17.13%	
Jan 1, 2017 - Jan 1, 2018	36,321	25.45%	
% Change	-33.77%	-32.69%	
2. /members/buyers_guide/			æ
Jan 1, 2018 - Jan 1, 2019	4,701	3.35%	
Jan 1, 2017 - Jan 1, 2018	5,463	3.83%	
% Change	-13.95%	-12.55%	
3. /search			æ
Jan 1, 2018 - Jan 1, 2019	4,520	3.22%	
Jan 1, 2017 - Jan 1, 2018	3,953	2.77%	
% Change	14.34%	16.21%	
4. /members/list/			æ
Jan 1, 2018 - Jan 1, 2019	4,059	2.89%	
Jan 1, 2017 - Jan 1, 2018	5,462	3.83%	
% Change	-25.69%	-24.48%	
5. /data			æ
Jan 1, 2018 - Jan 1, 2019	3,870	2.76%	
Jan 1, 2017 - Jan 1, 2018	3,384	2.37%	
% Change	14.36%	16.23%	
6. /event/new-jersey-state-firemens-convention-2/			æ
Jan 1, 2018 - Jan 1, 2019	3,833	2.73%	
Jan 1, 2017 - Jan 1, 2018	381	0.27%	
% Change	906.04%	922.43%	
7. /members/area/			æ
Jan 1, 2018 - Jan 1, 2019	3,732	2.66%	
Jan 1, 2017 - Jan 1, 2018	3,510	2.46%	



- Most traffic is to our home page still (www.FAMA.org)
- You can see a big amount from the NJ State Firemancs Convention event posting.





MONTH	YEAR	DATE	SHOW / MEETING	LOCATION	CONTACT
January	2019	17-19	Arizona Fire District's Assoc. Winter Conference	Laughlin, NV	azfiredistricts.org / 480-496-4331
January	2019	20-24	FDSOA Apparatus Symposium and Annual Health and Safety Forum	Orlando, FL	fdsoa.org / 248-880-1864
January	2019	24-26	Utah Winter Chiefs Conference and Fire School	St. George, UT	utahfirechiefs.org or uvu.edu/ufra/ 888-548-7816
January	2019	24-26	Northern IL Alliance of Fire Protection Districts Conference	Oak Brook, IL	web.niafpd.org/events?oe=true
January	2019	19-20	Piedmont Fire Expo	Winston Salem, NC	http://forsythcountyfire-rescue.com/expo.php
January	2019	26-27	LSU Fire & Emergency Training Equipment Show	Baton Rouge, LA	feti.lsu.edu / 800-256-3473
Jan/Feb	2019	28-3	North Carolina Mid-Winter Conference	Concord, NC	ncafc.com
February	2019	15-16	IL Association of Fire Protection Districts Winter Conference	O'Fallon, IL	iafpd.org / 800-524-6620 / info@iafpd.org
February	2019	16-17	Long Island Mega Show	Brentwood, NY	liproductions.net / 631-669-4300
February	2019	20-22	EMS Today	National Harbor, MD	emstoday.com / 302-840-5611
March	2019	3-8	Texas A & M Spring Fire School	College Station, TX	teex.org/Pages/events/texas-annual-fire-training-school.aspx
March	2019	4-6	ConneXions Orlando	Orlando, FL	iafc.org/events/calendar
March	2019	6-10	WI State Firefighters Conference	La Crosse, WI	wi-state-firefighters.org
March	2019	16-19	FAMA Spring Meeting	Hollywood Beach, FL	fama.org / 352-843-3404
March	2019	17-22	Texas IAAI Fire & Arson Investigators Seminar	College Station, TX	teex.org/Pages/events/texas-annual-fire-training-school.aspx
March	2019	20-22	Illinois Fire Inspectors Association	East Peoria, IL	illinoisfireinspectors.org / 224-387-3340
March	2019	23-28	Wildland-Urban Interface Conference	Reno, NV	iafc.org/events/wui / 571-221-5268
March	2019	24-28	Firehouse World	Los Angeles, CA	firehouseworld.com / 952-808-3329
March	2019	24-26	Community Risk Reduction Leadership Conference	Reno, NV	iafc.org/events/crrl
April	2019	3-5	Oklahoma Fire Chief's Conference	Claremore, OK	osfa.info/ofca/m.calendar/201/view/415
April	2019	8-13	FDIC International	Indianapolis, IN	fdic.com / 973-251-5056
April	2019	11	FAMA Technical Committee Meeting	Indianapolis, IN	info@fama.org / www.fama.org/
April	2019	4-7?	Saskatchewan Fire Chiefs Annual Conference	Moose Jaw, SK	safc.sk.ca
April	2019	24-25	CFSI National Fire & Emergency Symposium and Dinner	Washington, DC	cfsi.org / 202-371-1277
Apr/May	2019	29-3	6th Intl Fire Behavior & Fuels Conference, IAWF	Albuquerque, NM	iawfonline.org/conferences.php
May	2019	2-4	VCOS Symposium in the West	Phoenix, AZ	iafc.org/events/event/ tblankenship@iafc.org
May	2019	2-5	Oklahoma State Firefighter's Assoc. State Fire School	Tulsa, OK	osfa.info/events/ 800-308-5336
May	2019	3-4	Ontario Fire Chiefs	Mississauga, ON	oafc.on.ca/event/oafc-2019-exhibitors / 905-426-9865
May	2019	4-7	Alabama League of Municipalities Conference	Mobile, AL	alalm.org
May	2019	8-11	Oregon Fire Chiefs Association Conference	Redmond, OR	ofca.org / 888-846-5741
May	2019	15-17	RETTmobil	Fulda, Messe Galerie, Germany	rettmobil.org
May	2019	15-17	IL Fire Chiefs Association Symposium	East Peoria, IL	illinoisfirechiefs.org / 847-966-0732 / 800-662-0732
May	2019	16-17	Northwest Fire Expo	Portland, Oregon	northwestfirerescue.com / 888-548-6834
May	2019	17-19	PA Fire Expo	Harrisburg, PA	lcfa.com / 717-464-3291
May	2019	17-19	Washington St. Fire Fighters' Assn. Conference and Fire School	Wenatchee, WA	wsffa.org / 1 800 340 8023
May	2019	18-19	Michigan State Fireman's Assoc. Conf.	Mayville, MI	facebook.com/pg/msfassoc.org/events/?ref=page_internal / 810-635-9513?
May	2019	18-20	Smoky Mountain Fire/Rescue Expo	Gatlinburg, TN	smokymtnweekend.com/index.html
May	2019	18-21	Quebec Fire Chiefs Convention	La Malbaie, QC	acsiq.qc.ca (click "Congres" tab)
May	2019	26-29	Alberta Fire Chiefs Conference and Tradeshow	Red Deer, AB	afca.ab.ca



- Trade show
- Changes in FEMSA trade show as new chair is coming on board
- Didnot seem to have the bandwidth or feedback to continue to try and improve the survey results



2019 - FAMA Spring Meeting Suggestions

- " GAC Hill Day videos
- I would like to propose print advertisements with facts on apparatus funding from Sage Policy Group Report.



MEMBERSHIP COMMITTEE

Gregg Geske & Tim Van Fleet



Committee Members

- Tim Van Fleet / Co-Chair . Akron Brass Company
- " Gregg Geske / Co-Chair. Waterous Company
- John Corner . Reelcraft Industries
- " Jennifer Hollis . Hansen International
- " Bert McCutcheon . Ferrara Fire Apparatus
- " Rick Suche. Fort Garry Fire Trucks

Board Liaison Oran McNabb



Committee Annual Objectives

- " Grow Membership 5%
- Develop Membership Retention Plan
- Engage Member Company Participation
- " Proceed with Mentor Program for First-Time Meeting Attendees



New Member Companies (since 2018 Fall Meeting)

- " Palmetto Fire Apparatus
- " Power Products LLC
- "Reelcraft Industries
- "TecNiq, Inc
- " Safety Vision



Target New Member Companies

- "Please explain benefits of membership to any company that is not a member.
- "Contact anyone on the Membership Committee for help.



STATISTICS COMMITTEE

Paul Bostrom &

John Schultz



FAMA Board Initiatives

- Continue publishing quarterly data in a timely manner
- " Reduce data entry errors
- Increase participation of members reporting

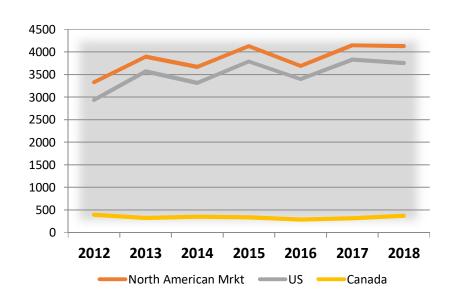
Committee Projects

- Continue publishing data in a timely manner
- " Increase participation of members reporting
- " Provide year end summary report of statistics data



North American Fire Apparatus Sales

Years	Average Annual Vehicle Sales
2007-2011	4053
2012 -2016	3741
2017	4147
2018	4126



12 Month Rolling 4126 units

Does not include ARFF or Refurbs



Fire Apparatus Full Year Results

All Vehicles*	2017	2018
Booked	4,596	4,667
Shipped	4,308	4,437

^{*}All vehicles: includes ARFF & Refurb

^{*}All regions



Total Fire Apparatus Sales 12 Month Rolling



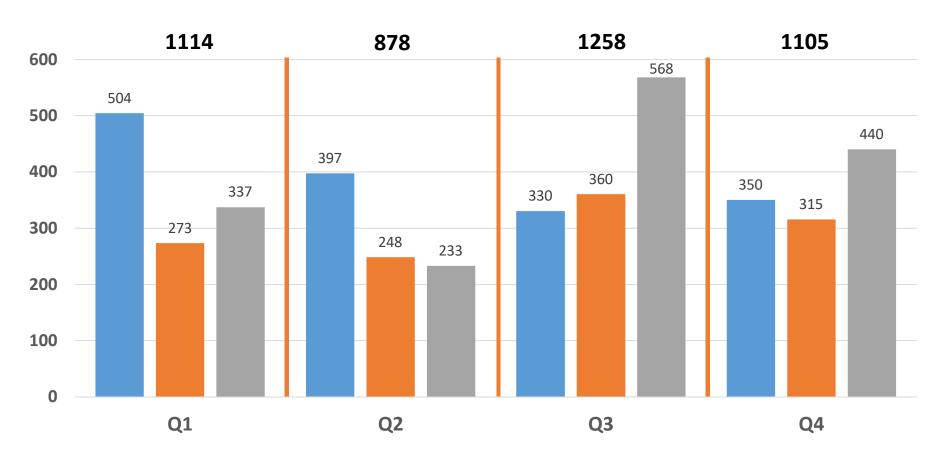
12 month rolling ending Dec 2018

^{*}All vehicles: includes ARFF & Refurb

^{*}All regions



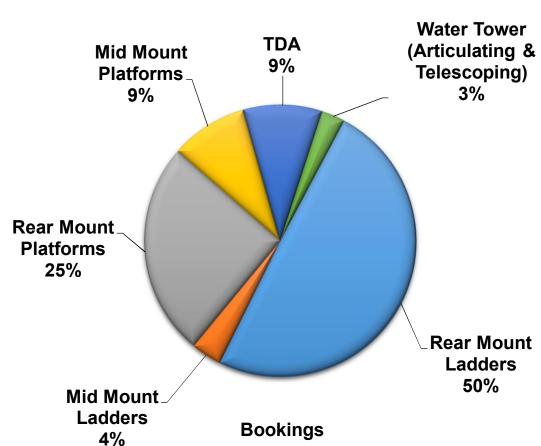
Fire Apparatus Sales By Month (12 month rolling)



Does not include ARFF or Refurbs All regions



Aerial Data (all regions)



12 Month Rolling

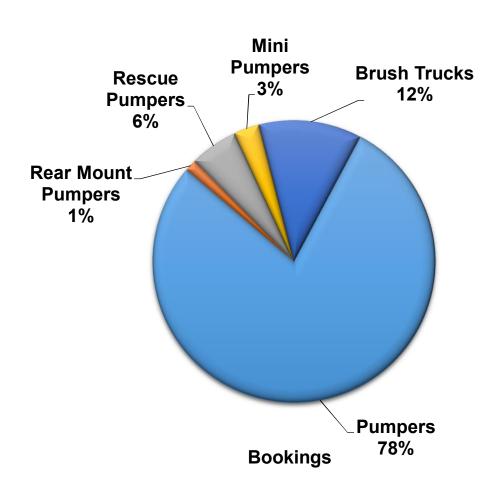
"613 Booked

"680 Shipped

Aerial Bookings	Quantity
Rear Mount Ladders	302
Mid Mount Ladders	22
Rear Mount Platforms	155
Mid Mount Platforms	56
Tillers	57
Water Tower (Telescoping & Articulating)	17



Pumper Data (all regions)



12 Month Rolling

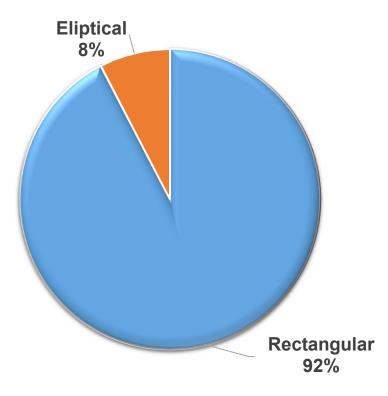
" 2896 Booked

" 2785 Shipped

Pumper Bookings	Quantity
Pumpers	2273
Rear Mount Pumpers	39
Rescue Pumpers	159
Mini Pumpers	85
Brush Trucks	340



Tanker Data (all regions)



Bookings

12 Month Rolling

"525 Booked

"492 Shipped

Tanker Bookings	Quantity
Elliptical	40
Rectangular	485

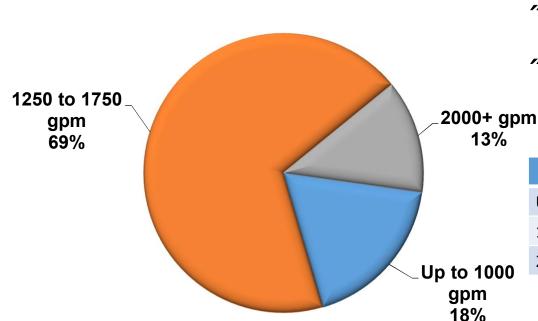


Vehicles w/Pumps (all regions)

12 Month Rolling

" 3885 Booked

" 3759 Shipped



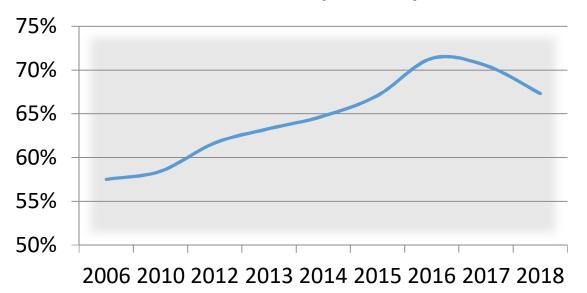
Vehicles w/ Pumps	Quantity
Up to 1000 GPM	704
1250 – 1750 GPM	2654
2000+ GPM	527

Does not include ARFF or Refurbs



Custom vs. Commercial Chassis

Custom Chassis Trend All Products (Annual)



Year	Commercial	Custom	
2006	44%	56%	
2010	42%	58%	
2014	35%	65%	
2017	29%	71%	
2018	33%	67%	

Rolling 12 Month: 32.7% Commercial / 67.3% Custom

All products, all regions



Goal:

Post Within 30 Days of Closing Qtr.

Thank You for Submitting
Quarterly Reports In a Timely
Manner



TECHNICAL COMMITTEE

Roger Lackore & Doug Miller



Subcommittee Leaders

Aerial/Quint

Jim Salmi (E-One) John Brady (KME)





ARFF

Paul Powell (Rosenbauer) Sarah Peck (Akron Brass)





Ambulance

Steve Rowland (Demers) Mike Franckowiak (Akron Brass)





Body

John House II (Danko)



Electrical

John Doperalski (Harrison) Peter Luhrs

(SafeFleet)





Foam

Gregg Geske (Waterous) Mike Dupay (Fire Research)





Pumps & Plumbing

Pete Lauffenburger (Akron) Mike Sulmone (Trident)





Chassis

Tim Johnson (KME)
Chris Crowel (Cummins)







FDSOA Support



- 2020 Symposium Location . Scottsdale, AZJanuary 13-15
- " 2020 Speaker Planning





FDSOA Support

Topic	Presenter
DATA TO COME AFTER SATURDAY MEETING	



FAMA Forum Schedule 2019

Jan-19	Fire Service Statistics	Fire Service	Paul Darley
Feb-19	Water Tanks	Tanks	Chad Falls
Mar-19	Foam and Water Additive Proportioning Systems	Foam	Mike Dupay
Apr-19	Hose Restraints	Safety - Hose Restraint	Dave Durstine
May-19	FAMA Fire Service Resources: a Well-Kept Secret	FAMA - Resource Library	Roger Lackore
Jun-19	Brake Maintenance	Braking	Meritor? Navistar?
Jul-19	Reducing Glare on Fire Scenes	Lighting	Sam Massa
Aug-19	Pump Panel Labeling	Pumper	Bruce Lear
Sep-19	Clean Cab -Survey of Apparatus Design Approaches	Safety	Scott Beecher
Oct-19	FDSOA Promotion	FDSOA Promo	Sam Massa
Nov-19	Connected Vehicles	Chassis	Cory Haas
Dec-19	Brush Truck Design	Jeff Keiser	Jeff Keiser



FAMA Forum Schedule 2020

Jan-20	Aspects of High Water Apparatus Design	Apparatus	Jesse Marroquin
Feb-20			
Mar-20			
Apr-20			
May-20			
Jun-20			
Jul-20			
Aug-20			
Sep-20			
Oct-20			
Nov-20			
Dec-20			



Yellow Line Worksheet

- "Application of the NFPA yellow line requirement was intended to be a collaboration between the purchaser and the manufacturer.
- "Develop a worksheet that can be used during precon to guide both parties through the process.





FAMA Safety Signs





Hose Bed Capacity Test Standard TC065

" Initiative

Create a test standard for determining the hose capacity of a hose bed

FEMSA agreed to use the test method to provide data to apparatus manufacturers.

Test Number	Test Date	Hose Diameter (in)	Brand Name	Part or Model Number	Material	Description	Service Pressure (psi)	Test Hose Assembly Length (ft)	Test Hose Assembly Weight (lbs)	Test Fixture Width (in) W	Test Lay Height (in) H	Total Volume of Test Assemby (in^3)	Volume per Linear Foot (in^3/ft)	Weight per Linear Foot of Hose (Ib/ft)
Example	8/23/2017	1.75	Ndurance		Polyester	Double Jacket	400	200	120	8	16	9216	46.08	0.6
Example	8/23/2017	2			Nitrile / PVC through-the-weave	Rubber Covered	300	200	100	10	18	12960	64.8	0.5
Example	8/23/2017	2			Polyester	EDPM Lined Dbl Jckt	300	200	100	10	18	12960	64.8	0.5
TC065-001												0	#DIV/0!	#DIV/0!
TC065-002												0	#DIV/0!	#DIV/0!
TC065-003												0	#DIV/0!	#DIV/0!
TC065-004												0	#DIV/0!	#DIV/0!



NFPA 1901/1906

Public Input meeting Orlando. October 9-11, 2018

- " Cab Seat Accommodation using NIOSH Study
- " Emergency Warning Lights Minimum Intensity Value?
- " 1906 On-Board Riding Position
- "Vehicle to Vehicle Communication



NFPA 1500 Standard on Fire Department Occupational Safety, Health, and Wellness Program

Apparatus Related Topics

- " SCBAs out of Cab
- Contaminated PPE and Equipment not Carried in Cab unless Bagged and Secured
- Aerial Fall Protection. Method for personnel climbing the ladder to be continuously tethered during the climb.
- "Cab step heights limited to 12 inches if personnel must exit the cab with more than 30 lbs equipment
- Exhaust directed away from personnel



NFPA 1500 Standard on Fire Department Occupational Safety, Health, and Wellness Program

- " Second Draft
 - " Public Comment Closing Date: November 15, 2018
 - " Next Committee Meeting: May 6-8, 2019
 - " Second Draft Report Posting Date: August 1, 2019



Buyer's Guide Progress

Pending

11

Draft

8

To Board

0

Published

27



Body

John House

TC039	Buyers Guide – Water Tanks	Andrew Lingel - UPF	Published
TC041	Buyers Guide - Hose Restraints	Grady North - E-One	Published
TC042	Buyers Guide - Stepping Surfaces	Burt McCutcheon - Ferrara	Draft
TC043	Buyers Guide - Chevron Stripping and Graphics	Jerry Merges - VisionMark	Draft
TC053	Buyers Guide – Mobile Breathing Air Systems	Ed Smith - VT Hackney	Published
TC054	Buyers Guide - Compartment Doors	Bruce Whitehouse - AMDOR	Published
TC055	Buyers Guide - Reels	Denis Bleile - COXREELS	Published
TC056	Buyers Guide - Ladder and Equipment Racks	Mike Adams - Ziamatic Ryan Glover - Ziamatic	Published
TC058	Buyers Guide - Equipment Mounting - Body	Greg Young - Performance Advantage Co.	Published
TC059	Buyers Guide - Body Access	Mike Adams - Ziamatic Ryan Glover - Ziamatic	Published



Body (cont.)

John House

TC072	Buyers Guide - Brush Truck Apparatus	??	Pending
TC073	Buyers Guide - Tanker and Tender Apparatus	??	Pending
TC074	Buyers Guide - Wildland Apparatus	??	Pending
TC075	Buyers Guide - Cold Environment Apparatus Design	??	Pending



Chassis

Tim Johnson, Chris Crowell

TC033	Buyers Guide – Auxiliary Braking Systems	Chris Crowell	Published
TC034	Buyers Guide – Apparatus Mounted Winches	Steve Stein, Steve Martin	Published
TC036	Buyers Guide – Apparatus Seating	Bev Lowrey	Published
TC047	Buyers Guide – Spec'ing Apparatus for Maintenance	Drew Sutphen	Published*
TC048	Buyers Guide – Suspensions – Front	??	Pending
TC049	Buyers Guide – Suspensions – Rear	Bob Albano – Hendrickson	Published
TC051	Buyers Guide – Crew Compartment Storage	Mike Adams – Ziamatic	Published
TC057	Buyers Guide – Occupant Protection	Dan Veselsky – IMMI	Published
TC062	Buyers Guide – Tires	Woody Savage – Michelin	Pending
TC063	Buyers Guide – Wheels	Greg Polks – Real Wheels	Published
TC064	Buyers Guide – HVAC	Roger Lackore – REV Group	Draft
TC066	Buyers Guide – Exhaust Removal Systems	Scott Beecher – Ward Diesel Filter Systems	Draft



Electrical

Peter Luhrs, John Doperalski

TC035	Buyers Guide – Batteries, Alternators, & Chargers	Pete Sremac - Niehoff	Published
TC037	Buyers Guide – Scene Lighting	Sam Massa – Hi-Viz	Published
TC038	Buyers Guide – Line Voltage Generators	John Doperalski – Harrison	Pending/D raft ?
TC040	Buyers Guide – Headlights	Sam Massa – Hi-Viz	Pending
TC044	Buyers Guide – Warning Lights	Matt Pitzer – Code 3	Published
TC045	Buyers Guide – Multiplex Electrical Systems	Dave Durstine – Weldon	Published
TC050	Buyers Guide – Fire Apparatus Sirens	Morgan Look – Federal Signal	Published
TC060	Buyers Guide – Light Towers	Drew Newman – Wilbert	Published
TC061	Buyers Guide – Camera Systems	Grady North – E-One	Published
TC069	Buyers Guide – Vehicle to Vehicle Communications	Cory Haas – Haas Alert	Pending/D raft



Foam

Gregg Geske, Mike Dupay

TC030 Buyers Guide – Foam & Water Additive

Proportioning Systems

TC067 Buyers Guide – CAFS

Dave Durstine - IDEX Mike Dupay – Fire Research

Troy Carothers – Darley

Published

Pending



Pump

Publishe

Peter Lauffenburger, Mike Sulmone

TC024	Buyers Guide – Pumps	Doug Miller – Task Force Tips	d
TC052	Buyers Guide – Electronic Pressure Governors	Dave Guynn – Hale	Publishe d
TC070	Buyers Guide – Pump Primers	Mike Sulmone – Trident	Draft
TC071	Buyers Guide – Deck Gun and Aerial Monitors	Pete Lauffenburger – Akron	Pending
TC076	Buyers Guide - Pump Control Location	??	Pending



Aerial

Jim Salmi, John Brady

TC031 Buyers Guide – Aerial Apparatus

Reid Wissler

Published

TC068

Buyers Guide – Aerial Rope Rescue

Systems

TBD

Pending



Aerial Ice Load Definition

- "NFPA has added wind, but not ice.
- "Do we think we should consider ice?
- " If so, how do we define it?
- "Should it be on the load charts?





Aerial Wind Load Definition

- " NFPA has added wind
- "Do we need a standard to consider
- "Add something to NFPA Now?
- "Next Revision Cycle?
- "FAMA design document to set us up for next time?





DAWS NFPA Validation

"Need validation that this is the correct data format.

Table 4.11.9.1

Data	Format/Units
ID*	Unique identifier of the apparatus
Timestamp*	Conforms to ISO 8601 extended format
	([YYYY]-[MM]-DD]T[hh]:[mm]:[ss.ff][TZD])
Latitude*	Conforms to ISO 6709 ±DDD.D format
Longitude*	Conforms to ISO 6709 ±DDD.D format
Altitude	in Meters above (>0) or below (<0) sea level
Accuracy	Meters
Speed*	Meters / Sec
Heading*	Degrees, where 0/360 = North, 90 = East, 180
	= South, and 270 = West
Run ID	Unique identifier associating 2 or more
	DAWS data points with each other
Master optical warning device switch*	Boolean "true" / "false", where "true" = on

^{* =} required



Chevron Color Support

- "Do we as an organization wish to support the Chevron Color change in NFPA?
- "Letter of support?
- " PI Comment?

