

2022 Spring Meeting

BREAKFAST

Sponsored by





2022 Spring Meeting

MEETING RESUMED CALL TO ORDER

Oran McNabb



Thank you to our sponsors!





2022 Spring Meeting

BOARD OF DIRECTORS' REPORT (Cont.)

Oran McNabb



2022 Spring Meeting

TREASURER'S REPORT

Gary Pacilio



Overview of Total Income and Expenses 2016-2021

Actuals	2016	2017	2018	2019	2020	2021 YE
Total Income	429,105.00	481,485.51	491,268.78	503,548.89	274,059.35	266,051.13
Total Expenses	385,102.90	428,463.77	430,123.35	399,459.10	245,321.25	282,221.77
Net Operating Income	42,302.10	53,021.74	61,145.43	104,089.79	28,738.10	-16,170.64

- Total income and expenses are down for 2020 and 2021 due to no in-person meetings.
- The Safety Guide royalty payment for 2021 was not received until early January 2022.



Assets, Gross Profit, Net Income Fiscal Years 2018 thru 2022 (YTD)

www.FAMA.org

2021 improvement of

3.37% or \$25,194.36

vs 2020

Balance Sheet Assets

2018 (12/31/2018) 600,442.86 2019 (12/31/2019) 680,467.65 2020 (12/31/2020) 748,455.75 **2021 (12/31/2021)** 773,650.11 2022 (2/24/2022) 878,813.37

P & L

Gross Profit

2022 (2/24/2022)	364,648.78	
0000 (0/04/0000)	004 040 70	
2021 (12/31/2021)	266,051.13	vs 2020
2020 (12/31/2020)	274,059.35	2.922% or (\$8,008.22)
0000 (40/04/0000)	074.050.05	2021 decrease of -
2019 (12/31/2019)	503,548.89	
2018 (12/31/2018)	491,268.78	

Net Income

2022 (2/24/2022)	283,703.26
2021 (12/31/2021)	-16,170.64 <
2020 (12/31/2020)	28,738.10
2019 (12/31/2019)	104,089.79
2018 (12/31/2018)	61,145.43

2021 decrease of -156.27% or (\$44,908.74) vs 2020



Balance Sheet as of December 31, 2021

www.FAMA.org

	As	of Dec 31, 2021	As of Dec 31, 2020 (PY)			
ASSETS						
Current Assets						
Bank Accounts						
BOA Bill Pay		3,912.26		6,570.55		
BOA Operating		366,335.25		361,642.25		
BOA Reserve		215,423.59		215,321.81		
BOA Surplus		122,479.01		122,421.14		
Total Bank Accounts	\$	708,150.11	\$	705,955.75		
Other Current Assets						
1600 PrePaid Meeting Deposits		65,500.00		42,500.00		
Uncategorized Asset		0.00				
Total Other Current Assets	\$	65,500.00	\$	42,500.00		
TOTAL ASSETS	\$	773,650.11	\$	748,455.75		

See Details Below

42,500.00	2022 and 2024 Hotel Deposits \$32,000 and Speaker Fees \$10,500 paid in 2019 initially for 2020.
3,000.00	Additional Hotel Deposit for 2024 Spring Meeting Hotel paid in 2021.
15,000.00	2024 Fall Conference Hotel Deposit paid in 2021.
5,000.00	2022 Spring Meeting Speaker Fee paid in 2021.
65,500.00	



22,670.00

Balance Sheet as of December 31, 2021

9	As	of Dec 31, 2021	s of Dec 31, 2020 (PY)
LIABILITIES AND EQUITY			
FAMA Prepaid Meeting Registration Fees		91,270.00	57,325.00
FAMA Prepaid Membership Dues		64,600.00	64,600.00
Prepaid Meeting Sponsorship Fees		22,670.00	15,250.00
Total Liabilities	\$	178,540.00	\$ 137,175.00
Equity			
Retained Earnings		611,280.75	582,542.65
Net Income		-16,170.64	28,738.10
Total Equity	\$	595,110.11	\$ 611,280.75
TOTAL LIABILITIES AND EQUITY	\$	773,650.11	\$ 748,455.75

1	57,325.00 29,770.00 91,270.00	Retained 2020 Spring Meeting Reg Fees \$47,125.00 and \$10,200.00 in golf fees and sp Retained 2021 Fall Meeting Reg Fees.	oonsorships
2	12,750.00	Retained 2020 Spring Meeting Sponsorships Reapplied to Spring 2022.	
	2,500.00	Retained 2020 Technical Committee Meeting Sponsorship to be Reapplied to 2022.	
	1,250.00	Retained 2021 Fall Meeting Sponsorship Reapplied to Spring 2022.	
	6,170.00	Retained 2021 Fall Meeting Sponsorship to be Reapplied to Fall 2022.	



Profit and Loss January – December 2021

		Ja	n - Dec 2021	Jan -	Dec 2020 (PY)
Inco	ome				
	Dues		229,506.00		227,800.00
	GAC Donation		11,500.00		
\$29,770 in Fall Meeting Reg Fees were retained and moved to	General Funds				594.00
prepaid for 2022. \$5,895 in Fall	Hill Day		275.00		1,330.00
Meeting Reg Fees were reimbursed per requests.	Meeting Fees (Fall)		6,245.00		
	Meeting Fees (Spring)		0.00		900.00
\$6,170 in sponsorships will be reapplied to 2022 Fall Conf.	Meeting Sponsors (Fall)		8,325.00		0.00
\$1,250 were applied to the Spring	Meeting Sponsors (Spring)				24,350.00
Meeting. \$8,325 in sponsorships were reimbursed per requests.	Scholarship Sponsor		5,000.00		5,260.95
	Services		4,806.00		0.00
No Royalty Payment in 2021	Technical Safety Guide				13,354.88
Tota	al Income	\$	266,051.13	\$	274,059.35



Profit and Loss January – December 2021

		Jar	n - Dec 2021	Jan -	Dec 2020 (PY)
Ex	xpenses				_
Includes CECL NEED and	Accountant Fees		5,225.00		4,800.00
Includes CFSI, NFFF and Newsletter	Total Advocacy Activities	\$	15,523.20	\$	20,096.00
	Annual Fees (Corp)		294.50		290.50
	Awards/Recognition		74.90		359.80
	Bank Fees		6,290.97		6,563.50
	Board Meetings/Retreats		2,837.74		552.15
	Education-Scholarship		5,000.00		5,007.75
2021 4 th Quarter Fee was	GAC Activities				
paid in early October 2021 The 2020 4th Quarter invoice	Governmental Affairs - US		44,025.00		35,235.00
was reduced to \$4000 due to lower level of expenses.	Total GAC Activities	\$	44,025.00	\$	35,235.00



Profit and Loss January – December 2021

www.FAMA.org

Includes: FAMA 75th Anniversary History Book.

Includes: 2021 Fall Conference \$25,000 hotel

cancellation fee (Westin Tampa) \$5,895 Reg Fee Reimbursements and \$8,325 Sponsorship Reimbursements NOTE: \$15,000 deposit towards 2024 to The Westin Tampa was moved to Prepaid Deposits.

	Ja	n - Dec 2021	Jan	- Dec 2020 (PY)
Insurance Premiums		1,807.00		899.42
Legal		9,800.00		9,800.00
Management Fees		77,590.79		63,156.63
Marketing/PR		51,981.20		29,037.59
Member Meetings (Fall)		40,401.25		9,090.67
Member Meetings (Spring)		140.00		31,566.28
Membership (Plaques)		875.93		
Office		6,799.87		10,440.79
Statistics Program		10,532.15		18,215.05
Technical				10.90
Technical Safety Guide		4.66		
Travel - Administrative		2,932.61		199.22
Total Expenses	\$	282,221.77	\$	245,321.25
Net Operating Income	-\$	16,170.64	\$	28,738.10



ANA EAMA org		Actual	Budget
ww.FAMA.org	Income		-
	Advocacy Sponsorship (Clarion)		22,500.00
2021 FDIC / Clarion donation	Dues	229,506.00	219,300.00
to FAMA's GAC activities	GAC Donation	11,500.00	
	General Funds		2,000.00
\$29,770 in reg fees were	Hill Day	275.00	
reapplied to 2022 Fall Conf.	Meeting Fees (Fall)	6,245.00	18,375.00
	Meeting Fees (Spring)	0.00	
\$6,170 in sponsorships were	Meeting Sponsors (Fall)	8,325.00	15,000.00
reapplied to 2022 Fall Conf.	Scholarship Sponsor	5,000.00	5,000.00
\$1,250 were applied to the Spring Meeting.	Services	4,806.00	
Spring Meeting.	Technical Cmte (Sponsors)		2,500.00
	Technical Safety Guide		13,000.00
The royalty payment for 2021	Total 130 INCOME	\$ 265,657.00	\$ 297,675.00
was not received until early January 2022.	BofA Merchant Svcs Reward	234.48	200.00
ouridary 2022.	Interest - BofA - Reserve	105.94	100.00
	Interest - BofA - Surplus	 53.71	100.00
	Gross Profit	\$ 266,051.13	\$ 298,075.00



	 Actual	Budget
Expenses		
Accountant Fees	5,225.00	5,500.00
Advocacy Activities		
CFSI (Annual)	5,000.00	5,000.00
Education-Grant Fund		5,000.00
Newsletter	8,023.20	8,500.00
NFFF (Annual)	2,500.00	2,500.00
Total Advocacy Activities	\$ 15,523.20	\$ 21,000.00
Annual Fees (Corp)	294.50	300.00
Awards/Recognition	74.90	
Bank Fees	6,290.97	7,000.00
Board Meetings/Retreats	2,837.74	7,500.00
Education-Scholarship	5,000.00	7,500.00
GAC Activities		
Governmental Affairs - US	 44,025.00	45,000.00
Total GAC Activities	\$ 44,025.00	\$ 45,000.00



www.FAMA.org

Account includes:

- 75th Anniversary History Book
- Clarion eblasts

Includes:

2021 Fall Conference \$25,000 hotel cancellation fee (Westin Tampa) \$5,895 Reg Fee Reimbursements and \$8,325 Sponsorship Reimbursements NOTE: \$15,000 deposit towards 2024 to The Westin Tampa was moved to Prepaid Deposits.

The \$16,170 deficit is due to not receiving the royalty payment for the Apparatus Safety Guide until early January 2022.

		Actual		Budget
Insurance Premiums		1,807.00		2,000.00
Legal		9,800.00		12,000.00
Management Fees		77,590.79		70,000.00
─ Marketing/PR		51,981.20		55,000.00
Member Meetings (Fall)		40,401.25		70,000.00
Member Meetings (Spring)		140.00		3,500.00
Membership (Plaques)		875.93		2,000.00
Membership Recruitment				1,200.00
Office		6,799.87		7,000.00
Statistics Program		10,532.15		45,000.00
Technical				5,000.00
Technical Safety Guide		4.66		
Travel - Administrative		2,932.61		6,000.00
Total 131 EXPENSE	\$	282,215.77	\$	372,500.00
Net Operating Income	-\$	16,170.64	-\$	74,431.00



163.30

11.48

364,648.78 \$

364,648.78 \$

Actual

Budget

200.00

100.00

100.00

496,700.00

496,700.00

www.FAMA.org

Income

BofA Merchant Svcs Reward

Interest - BofA - Reserve

Interest - BofA - Surplus

Total Income

Gross Profit

Advocacy Sponsorship (Clarion) 45.000.00 Cash from Surplus 17,175.00 205,700.00 Dues 219,300.00 **GAC** Donation 20,000.00 General Funds 2.000.00 1,000.00 Hill Day 600.00 Meeting Fees (Fall) 29,770.00 30,000.00 66.025.00 Meeting Fees (Spring) 64.575.00 Meeting Sponsors (Fall) 6,170.00 20,000.00 Meeting Sponsors (Spring) 21,250.00 37,250.00 Scholarship Sponsor 5,000.00 3.457.00 5.000.00 Services Technical Cmte (Sponsors) 2,500.00 5,000.00 Technical Safety Guide 29.002.00 25,000.00 364,474.00 \$ **Total 130 INCOME** \$ 496,300.00

\$

\$

The 2021 royalty payment for the Apparatus Safety Guide received in early January 2022. Replacement Project.

Budgeted \$17,175 for Apparatus

\$17,175 has been transferred from the Surplus Account to the Operating Account.

The \$17,175 is not NEW income. It was a transfer from Surplus Account in order to balance the 2022 budget so, the Actuals line will remain empty.



		Actual	Budget
Expenses	-		
131 EXPENSE			
Accountant Fees		562.50	5,500.00
Advocacy Activities			
CFSI (Annual)			12,000.00
Education-Grant Fund			5,000.00
Newsletter			8,500.00
NFFF (Annual)			2,500.00
Total Advocacy Activities	\$	0.00	\$ 28,000.00
Annual Fees (Corp)			300.00
Awards/Recognition			200.00
Bank Fees		3,902.29	7,000.00
Board Meetings/Retreats			11,000.00
Education-Scholarship			9,000.00
GAC Activities			
Governmental Affairs - US			45,000.00
Total GAC Activities	\$	0.00	\$ 45,000.00



	 Actual	Budget
Hill Day Fees		2,000.00
Insurance Premiums	1,701.00	1,800.00
Legal	2,450.00	12,000.00
Management Fees	11,501.66	75,000.00
Marketing/PR	13,596.87	25,000.00
Member Meetings (Fall)	250.00	80,000.00
Member Meetings (Spring)	45,000.00	130,000.00
Membership (Plaques)		1,500.00
Office	1,009.93	7,500.00
Statistics Program		40,000.00
Technical		7,000.00
Travel - Administrative	 971.27	8,500.00
Total Expenses	\$ 80,945.52	\$ 496,300.00
Net Operating Income	\$ 283,703.26	\$ 400.00



2022 Spring Meeting

www.FAMA.org



Questions/Comments



2022 Spring Meeting

TECHNICAL COMMITTEE REPORT

Roger Lackore



www.FAMA.org





Chris Crowel (Cummins)



Melissa Dobbs (IMMI)

AERIAL



Jim Garver (Sutphen)



John Brady (KME)



Paul Powell (Rosenbauer)



Sarah Peck (Akron Brass) **BODY**



John House II (Danko)



Wyatt Compton (Spartan ER)

FOAM



Mike Dupay (Fire Research)



Gregg Geske (Waterous)



Pete Lauffenburger (Akron Brass)



Mike Sulmone (Trident)



John Doperalski (Harrison)



Peter Luhrs (Fire Research)

AMBULANCE



Mike Franckowiak (Akron Brass)



Steve Rowland (Hale)



www.FAMA.org

Buyer's Guide Progress

Association Thank you to the Board, Marketing Committee and Clarion for promoting the Buyer's Guides

Pending 12

Draft 3

To Board 0

Published 34



Body

John House Wyatt Compton

www.FAMA.org

TC072	Buyers Guide - Brush Truck Apparatus	Bill Davidson - Skeeter	Pending
TC073	Buyers Guide - Tanker and Tender Apparatus	Kraig Scholten – Midwest Fire	Draft
TC074	Buyers Guide - Wildland Apparatus	Bill Davidson - Skeeter	Pending
TC075	Buyers Guide - Cold Environment Apparatus Design	Rick Suche – Fort Garry Fire Trucks	Pending
TC065	Buyers Guide – Hose Bed Sizing	Jay Farrell – Smart Power Systems	Draft

Chassis

Chris Crowell Mellissa Dobbs

TC048	Buyers Guide – Suspensions – Front	Bob Albano, Chad Radtke	Pending
	Buyers Guide – Apparatus Electrification		Pending



Electrical

www.FAMA.org

Peter Luhrs John Doperalski

TC038	Buyers Guide – Line Voltage Generators	John Doperalski – Harrison	Draft
TC040	Buyers Guide – Headlights	Sam Massa – Hi-Viz	Pending
11 (()69	Buyers Guide – Vehicle to Vehicle Communications	Cory Haas – Haas Alert	Pending

John Brady Jim Garver

Aerial

TC	068	Buyers Guide – Aerial Rope Rescue	John Brady	Pending
		Systems	,	



Foam

Gregg Geske Mike Dupay

www.FAMA.org

TC067	Buyers Guide – CAFS	Jeremy Fox IDEX	Pending
TC020	Foam and Water Additive Proportioning	Grag Gaska	Revision
TC030	Systems	Greg Geske	Needed

Pump

Peter Lauffenburger Mike Sulmone

TC070	Buyers Guide – Pump Primers	Mike Sulmone – Trident	Needs Photos or Illustrations
TC071	Buyers Guide – Deck Gun and Aerial Monitors	Pete Lauffenburger – Akron	Pending
TC076	Buyers Guide - Pump Control Location	Wyatt Compton – Spartan	Pending
	Buyers Guide – Apparatus Tethered Drones		Pending



FDSOA Apparatus Conference - 2023

www.FAMA.org

Chandler Arizona Sun Jan 9 thru Wed Jan 12



- Quality presentations with dynamic speakers
- Eliminate breakout sessions until attendance increases
- Target topics to audience



FDSOA Presentation Topics

Battery Chemistry – AGM vs Lead Acid vs Lithium	Jeff Harper, Kussmaul
Accident Dynamics and the Human Body	IMMI
Financial Cost of Apparatus Accidents	Cory Hohs
NFPA 1900 Update	Sam Massa, Roger Lackore
Electric Fire Apparatus	Lackore, Schultz
Trend in Scene Lighting	Sam Massa
Increasing Apparatus Up-Time	All
Advanced Pump Controls	Steve Rowland



Article Topics for Board Review

- Electric Commercial Chassis
- Rescue or Rescue Engine
- New AC Systems Refrigerants
- Interoperability technology and mutual aid.
- Fire and intelligent transportation systems
- NFPA 1900 update
- Turbocharger Life and Engine Shut-Down Requirement
- Battery chemistry pros and cons
- Lavender Ribbon Report update (clean cab)
- Frame Corrosion
- Tire Life and Fire Service Ratings
- Electrical Load Requirements and Load Shedding
- FAMA Weight and Cube Calculator and Axle Weights



New Safety Signs

www.FAMA.org



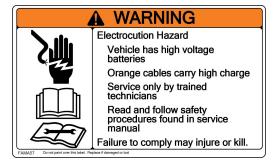


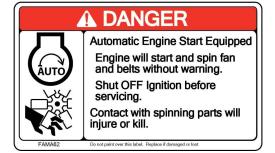
Pinch and Crush Hazard.

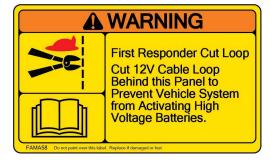
Keep hands and body clear of wire rope and sheaves.

Failure to comply may injure or kill.

FAMA56 Do not paint over this label. Replace if damaged or lost











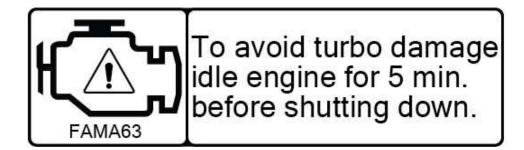




Engine Idle Label

Cummins engine turbochargers will last longer if the turbo is allowed to cool down prior to shut-down.

Size: 1.75 in. x .50 in.





FAMA Safety Guide Updates

- Cab Occupant Doors
- Auto Engine Start
- Extra Precautions Around Power Lines
- Ladder elevation climbing considerations
- Flying Flags from Aerial Devices
- EV Apparatus Electric Hazard
- EV Apparatus First Responder Loop
- Tire Life Clarified
- Extra Illustrations



FAMA NFPA Representation

www.FAMA.org

18/18A - Standard on Wetting Agents / Standard on Water Additives for Fire Control and Vapor Mitigation

Principal Jerry HalpinAlternate Mike Dupay

414+/ARFF - Standard for Aircraft Rescue and Fire-Fighting Vehicles

Principal Paul PowellAlternate Duane Kann

1451 - Standard for a Fire and Emergency Service Vehicle Operations Training Program

Principal Roger LackoreAlternate OPEN / TBD

1500 - Standard on Fire Department Occupational

Safety, Health, and Wellness Program
Principal Roger Lackore
Alternate OPEN / TBD

1585 - Standard on Contamination Control

Principal Scott Beecher Alternate Roger Lackore

1901 - Standard for Automotive Fire Apparatus

Principal Sam Massa Alternate Philip Gerace

1917 - Standard for Automotive Ambulances

Principal Steve Rowland Alternate Mike Franckowiak



NFPA Consolidation Process

New Draft Standard*:	Previous Standard Numbers:
NFPA 470	NFPA 472, NFPA 473, NFPA 1072
NFPA 1140	NFPA 1051, NFPA 1141, NFPA 1143, NFPA 1144
NFPA 1225	NFPA 1061, NFPA 1221
NFPA 1990	NFPA 1991, NFPA 1992, NFPA 1994
NFPA 2500	NFPA 1670, NFPA 1983, NFPA 1858

New Draft Standard*:	Previous Standard Numbers:
NFPA 440	NFPA 402, NFPA 424
NFPA 460	NFPA 403, NFPA 405, NFPA 412
NFPA 1030	NFPA 1031, NFPA 1035, NFPA 1037
NFPA 1660	NFPA 1600, NFPA 1616, NFPA 1620
NFPA 1900	NFPA 414, NFPA 1901, NFPA 1906, NFPA 1917
NFPA 1910	NFPA1911, NFPA 1912, NFPA 1925, NFPA 1071

New Draft Standard*:	Previous Standard Numbers:
NFPA 1010	NFPA 1001, NFPA 1002, NFPA 1003, NFPA 1005
NFPA 1550	NFPA 1500, NFPA 1521, NFPA 1561
NFPA 1960	NFPA 1931, NFPA 1936, NFPA 1961, NFPA 1963, NFPA 1964
NFPA 1970	NFPA 1971, NFPA 1975, NFPA 1981, NFPA 1982

New Draft Standard:	Previous Standard Numbers:
NFPA 1020	NFPA1021, NFPA 1041
NFPA 1580	NFPA 1581, NFPA 1582, NFPA 1583, NFPA 1584
NFPA 1850	NFPA 1851, NFPA 1852
NFPA 1930	NFPA 1932, NFPA 1937, NFPA 1801, NFPA 1802, NFPA 1962
NFPA 1950	NFPA 1951, NFPA 1977, NFPA 1999
NFPA 1955	NFPA 1952, NFPA 1953

New Draft Standard:	Previous Standard Numbers:
NFPA 455	NFPA 450, NFPA 451
NFPA 990	NFPA 901, NFPA 950
NFPA 995	NFPA 951, NFPA 1401
NFPA 1300	NFPA 1300, NFPA 1452
NFPA 1400	NFPA 1402, NFPA 1403, NFPA 1404, NFPA 1407, NFPA 1408, NFPA 1410, NFPA 1451
NFPA 1750	NFPA 1201, NFPA 1710, NFPA 1720, NFPA 1730
NFPA 1857	NFPA 1855, NFPA 1877
NFPA 1985	NFPA 1984, NFPA 1989



NFPA 1900

Choose another Code/Standard Receive Email Alerts



Standard for Aircraft Rescue and Firefighting Vehicles, Automotive Fire Apparatus, Wildland Fire Apparatus, and **Automotive Ambulances**

- Structural and Wildland Apparatus Chapters Combined
- Apparatus Type Chapters Combined
- Equipment Requirements moved to Annex
- EV Apparatus Accommodated
- Warning Lights Night Mode
- VDR made Optional
- Chevron Colors Optional



NFPA Updates for Next Revision

www.FAMA.org

Warning Light Standard Simplification
Securing Equipment on Apparatus
Cab Tilt Mechanism Safety and Performance Standard



DEF Sensor Guideline - Chassis Committee

www.FAMA.org



Melissa Dobbs Chris Crowel

- Explains DEF Sensor shortage
- Provides steps to take if DEF sensor fails and replacement is unavailable.

Complete



Electric Apparatus and NFPA 1900

Melissa Dobbs Chris Crowel

 FAMA comments to NFPA 1900 to make it compatible with electric apparatus





Frame Corrosion Repair Guidelines

www.FAMA.org

Chassis Subcommittee

- Guide for departments and service facilities to use when considering old apparatus with frame corrosion
- Out of service criteria
 - Percent of frame thickness lost
- Repair recommendations
 - Fish-plating
 - Corrosion inhibitor
- Prevention
 - Chemicals
 - Oils
 - Undercoating
 - Cleaning schedule





Tire Life Guidelines

Chassis Subcommittee

- Tire life in NFPA 1911 is 7 years
- Michelin fire life is 7 years from service or 10 years from manufacture date
- FAMA Safety Guide is 7 years from date of manufacture





Engine Emissions 2024

The State of Oregon has decided to adopt the California CARB engine mandates in 2024.

FAMA initiative to engage with Oregon and other States to determine if they will also adopt the CARB emergency vehicle emissions exemption.

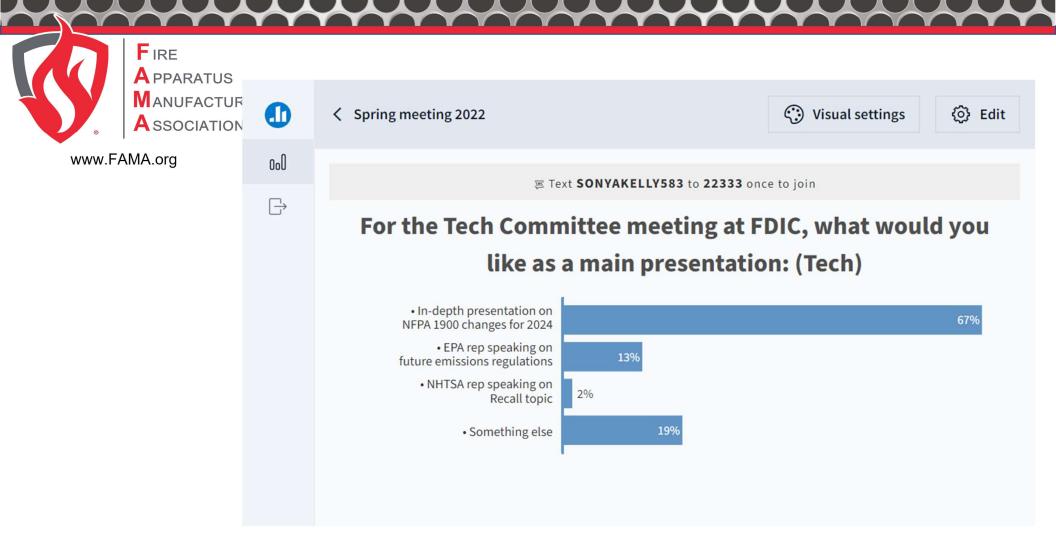
Pending

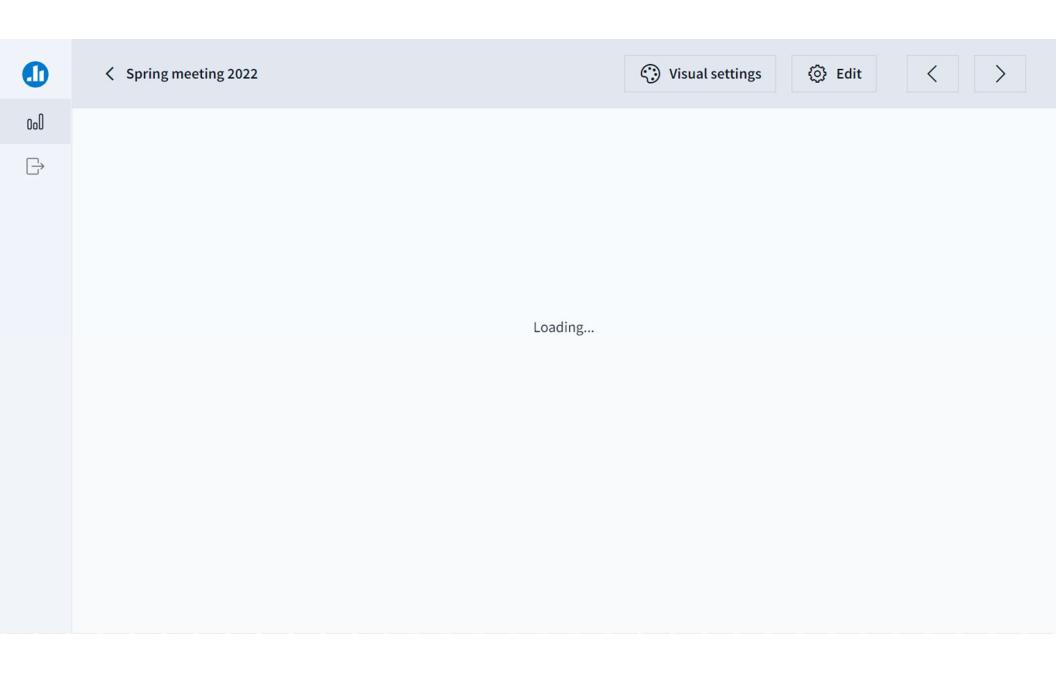


New Initiatives Under Consideration

www.FAMA.org

EV Charging Infrastructure for Fire Stations – Guide Clean Cab Guide NHTSA Fire Apparatus Recall Guide Engine Emissions & GHG Guide Buyers Guide Videos







Thank You



GOVERNMENTAL AFFAIRS COMMITTEE REPORT

Lee Morris
David Durstine

Board Liaison: Bert McCutcheon



www.FAMA.org

GAC Members

- Lee Morris, FAMA Co-Chair
- David Durstine, FAMA Co-Chair
- John Granby, FEMSA Co-Chair
- Scott Beecher
- Mark Brenneman
- Corey Carlson

- Tim Dean
- Jeff Mazza
- Henry Costo
- Cindy Morgan
- Mike Natchipolsky
- David Russell

GAC Support

Dave Gatton and Development Initiatives Inc. (DII)

GAC Consultant



Committee Goals



Navigate the current COVID-impacted legislative environment – finding ways to keep member companies informed and engaged with their representatives



Update the Home Day Tool Kit in current status on the GAC website, and encourage member companies to host Home Days (even if Virtual)



Plan & execute 2022 Hill Day to encourage the continued trends for increased annual funding



Initiate discussions for the reauthorization of the AFG programs.



Meet with FEMA to discuss full AFG allocation of funding to the cap for emergency vehicles.



AFG and SAFER Funding

- The proposed FY2022 funding levels for AFG and SAFER represent a \$10 million increase over FY2021.
- Congress passed a Continuing Resolution (CR) of appropriations thru March 11, 2022. This will keep the federal government open and allow the Congress more time to pass FY 2022 omnibus bill which includes FY2022 appropriations which have been agreed upon in principle. This bill contains \$740 million for AFG and SAFER combined by both the House and Senate.
- Reauthorization of the AFG programs is key moving forward as the Rand Paul initiated Sunset Provision will end the program in 2023 without additional action.





Hill Day and Home Days

www.FAMA.org



Hill Day

Greater member participation is needed for Hill Day

Dates: **April 6-7, 2022**

Registration Link is on the FAMA Home Page or at https://famafemsagac.org/hill-day/



Home Days

Home Days are Critically Important for 2022 If you are unable to host an in-person visit, please consider a Virtual Event



Reminder: Please share your Home Day events by sending photos and a brief description of activities to <u>info@FAMA.org</u> to post on the GAC website and for tracking purposes.





Annual & Ongoing GAC Activities



Photo from 2020 Alliance Luncheon

- Annual Alliance Luncheon (tentative)
- Sponsor the annual CFSI Holiday Party (tentative)
- Continue to work with FEMA and the Grants office
- Participate in the National Advisory Committee of CFSI
- Continue to advocate for full funding for the AFG grant program during the year



Activities for the Members!

www.FAMA.org



Rep. Adam Kinzinger stopped by the Darley offices in Itasca, IL

It hasn't changed, it's a Relationship Business!!

Call your Congressional Offices to Promote AFG, SAFER, USFA and USAR funding initiatives.

Invite your congressional office to visit your facility.

Host a Home day (even if virtual).

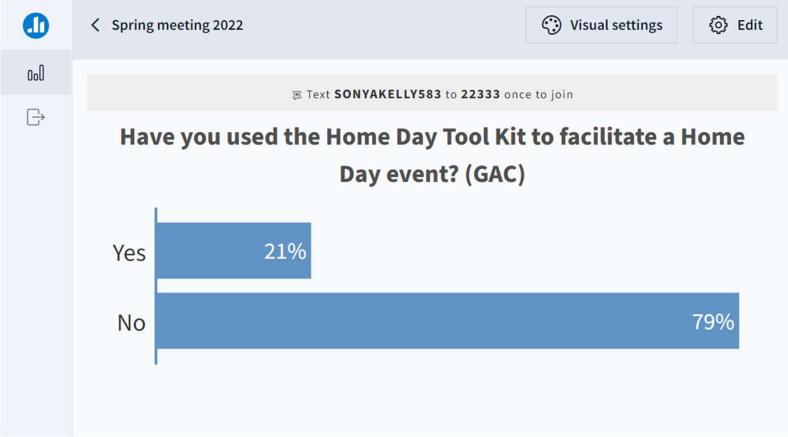
Mark your calendar: GAC Hill Day April 6-7, 2022.

Continue to discuss the Occupational issues surrounding the Fire Service.

Report back to the GAC about your activity and success.

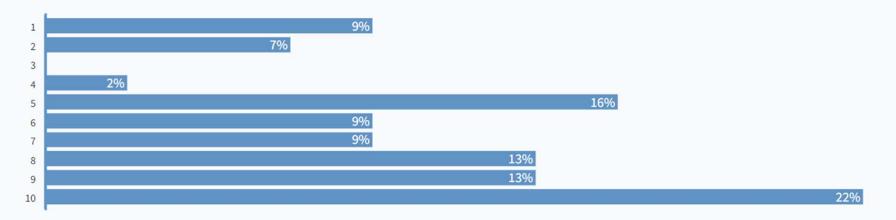


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how valuable is GAC functions to your organization, 1 being least 10 being very valuable





The GAC thanks you for your support!

If there are any questions or you are interested in joining the committee, please contact Lee Morris or David Durstine.

See you on the Hill in DC April 6-7!!!



www.FAMA.org



Questions/Comments



APPARATUS REPLACEMENT PROJECT REPORT

Jason Darley



Task Force Members

- Jason Darley
 - David Durstine
 - Drew Kirvida
 - Chris Crowel
 - John Witt
 - Jerry Conley
 - Phil Gerace

Multiple Committees involved



Apparatus Replacement Project Overview

History

The Apparatus Replacement project is not a new concept, the effort has been discussed at the board level for quite sometime as a long-term project...Here we go.

Survey partner agency

Large Scale Survey of North American customer base. Data mining for info primarily on fleet age, replacement cycles, down time, maintenance/ownership costs, etc. (ex Hannover)

Project Goals

Creating the data set to pull from to grow our market and support our customers in their fleet replacement efforts.



Apparatus Replacement Project Overview

Project Goals (cont.)

Collateral Development

White Papers

High level overviews to promote overall mission Granular data

i.e. apparatus types, department types, etc.

Customer Data Packets
Education collateral



Stakeholders

www.FAMA.org

FAMA Member companies

Sell MORE firetrucks & Improve Safety for our customer base

Fire Departments

Safer Fire Apparatus
A tool to justify purchases with leadership and controllers

Fire Industry Organizations

Mutual goals accomplished Example agencies; IAFF, IAFC, NHSTA,NVFC, etc.

FAMA Member Company Affiliates & Industry Stakeholders

Dealers of member companies Other industry entities



Task Force updates and actions

- ✓ Project goals & partner identification at task force level
- ✓ Update previous draft Scope
- ✓ Engage Compass committee members Next Steps-
- 1. Send scope document to research partners and firms for survey development
- 2. Identify marketing needs and or partner capabilities
- 3. Evaluate proposals
 - 1. Finalize budget and expectations on deliverables
 - 2. Finalize timeline
- 4. Execute contract with partners
- 5. Engage Industry partners
- 6. Develop, refine & market collateral



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Questions/Comments



EDUCATION - SURVEY COMMITTEE REPORT

Phil Gerace, Jerry Conley Board Liaison: Jason Darley



- 1. State of the Fire Service—Feedback from fire departments about budgets, forecasts, and preferences.
- 2. Member Outlook Survey—Blind feedback from FAMA Membership about forecasts, concerns, and trends. All information is aggregated, and individual responses are blind to Board, Committee, and membership.



The Committee Goals for 2022:

- 1. Develop and release the State of the Fire Service by April 1st with a goal of 2000 survey responses (2020 survey was 1200).
- 2. Release actionable data to the membership by end of Q2.
- 3. Investigate methods to either increase survey participation or use methods other than surveys to obtain data.
- 4. Develop and release a Membership Outlook Survey by <u>June 1st</u> with a goal of 100 survey responses (2020 survey was 72).
- 5. Release actionable data to the membership by end of Q3.



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Questions/Comments



MEMBERSHIP COMMITTEE REPORT

Gregg Geske Jennifer Hollis



Committee Members

- Gregg Geske / Chair Waterous Company
- Jennifer Hollis / Co-Chair Hansen International
- Larry Daniels E-ONE, Inc.
- Rick Suche Fort Garry Fire Trucks

Board Liaison: Ron Truhler



Committee Annual Objectives

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



Target New Member Companies

- Please explain the benefits of membership to any company that is not a member.
- Contact anyone on the Membership Committee for help.
- Use the Ten Reasons to Join FAMA pamphlet



New Member CompaniesSince 2019 the Spring Meeting

- Golight, Inc. (July 2019)
- EZ Trac AWD (Oct 2019)
- Link Suspensions of Canada (Feb 2020)
- General Truck Body (Feb 2020)
- TOMAR Electronics (Feb 2020)
- Acres Industries (Mar 2020)

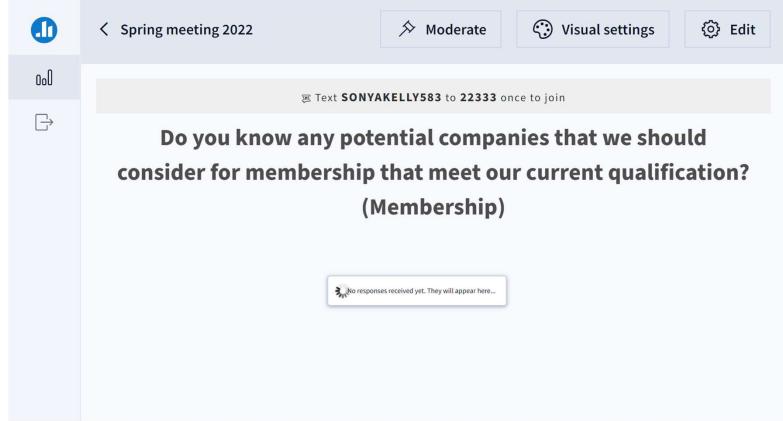
- Emergency Fire Equipment (Aug 2020)
- PyroUHP (Nov 2020)
- SoundOff Signal (Feb 2021)
- Helie Fire Trucks (Mar 2021)
- CCI (Aug 2021)
- Firecom (Jan 2022)



Member Companies

 Currently there are 133 FAMA Member Companies







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Questions/Comments



www.FAMA.org

15-MINUTE BREAK

Sponsored by





KEYNOTE SPEAKER Commander Kirk Lippold, USN (Ret.)



"Leadership and Accountability When it Matters"

Sponsored by







NOMINATING COMMITTEE REPORT

Steve Toren Curt Ignacio



Committee Members

- Steve Toren Chair
- Curt Ignacio Vice Chair
- Andrew Lingel Member / Board Liaison



Committee Annual Objectives

Publish Nomination Call

Identify and contact candidates for 2023 board positions

Prepare template for Slate of Nominees

Finalize slate of 2023 candidates

Publish slate of 2023 candidates

April 30, 2022

May 15, 2022

June 30, 2022

July 15, 2022

Aug 1, 2022

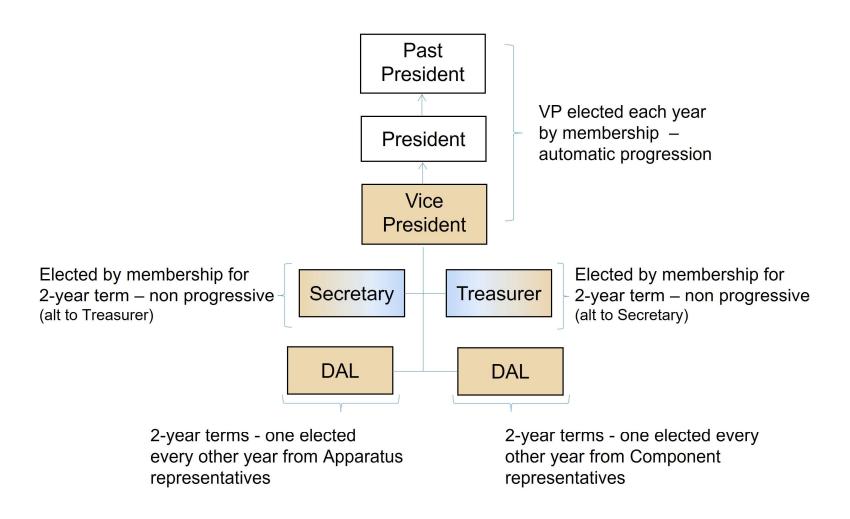
Presentation of Process and Slate

Call for Nominations from the Floor

Election of 2023 Officers

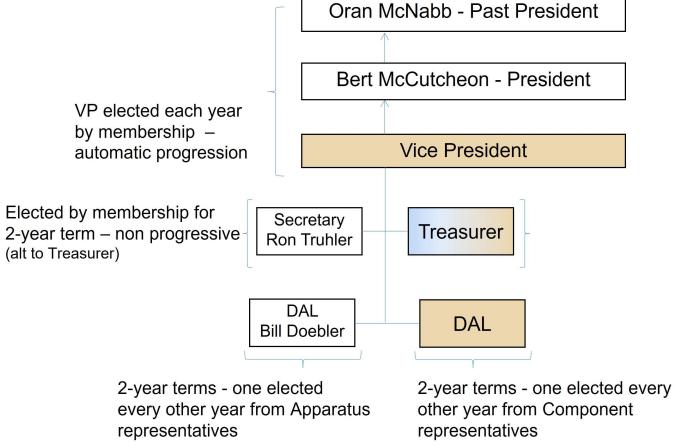
2022 Fall Meeting

Board Structure





2023 Board Positions





2023 Open Board Positions

Vice President

Treasurer

DAL – Component

3-year Auto-Progression

2-year Position

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.



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Questions/Comments



MARKETING & TRADE SHOW COMMITTEE REPORT

Jason Witmier Alissa McGlone



COMMITTEE MEMBERS

www.FAMA.org

- Jason Witmier / Chair United Safety & Survivability Corp.
- Alissa McGlone / Co-Chair Kussmaul Electronics
- Bob Albano Hendrickson
- Natalie Childress E-ONE, Inc.
- Marcello lacovella WATERAX
- Damon Lewis Fouts Bros, Inc.
- Kim Morrow Akron Brass Company

Board Liaison: Jason Darley



MARKETING ACTIVITIES

- Spring Meeting Sponsorship Signage
- Spring Meeting Challenge Coin
- Clarion FAMA Buyer's Guides E-Blasts
- FDIC Sponsorship
- Enhancing Value to FAMA customers



SPONSORSHIP SIGNAGE

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Graphics By: Alissa McGlone



CHALLENGE COIN

www.FAMA.org

2022 Spring Meeting Coin

Future Plans





Graphics By: Alissa McGlone



OUTWARD FACING

www.FAMA.org

Clarion Monthly E-Blast Campaign

- •(12) Annual distributions
- Subjects for 2022
 - Foam and Water Additive Proportioning Systems
 - Stepping Surfaces

• Wheels

Body Access

- Chevron Stripping and Graphics
- Specing Apparatus for Maintenance
- Crew Compartment Storage
- Breathing Air Systems
- Occupant Protection



The Fire Apparatus Manufacturers' Association (FAMA) is a non-profit trade association. FAMA members are committed to enhancing the emergency services community through the manufacture and sale of safe, efficient fire apparatus and equipment. This mission includes the development of essential tools and information to help promote the need for newer and safer apparatus.

FAMA Buyer's Guide

The specification process for the design, acquisition and maintenance of fire apparatus can be daunting at best. FAMA has spent years developing a Buyer's Guide to walk you through many of the critical aspects of apparatus design. The FAMA Technical Committee determines which topics are of interest via consultation with industry experts. Manufacturers are then engaged in a process to develop a structured overview using subject matter experts focused on a specific aspect of apparatus design. Strict rules are employed to ensure impartiality and the promotion of specific brands or proprietary product attributes are expressly forbidden.

FAMA has partnered with Clarion (the publisher of Fire Engineering) to bring to you a no charge monthly feature focused on a specific section of the Buyer's Guide.

Monthly Featured Section

FAMA BUYER'S GUIDE

TC030 FIRE APPARATUS FOAM and WATER ADDITIVE PROPORTIONING SYSTEMS



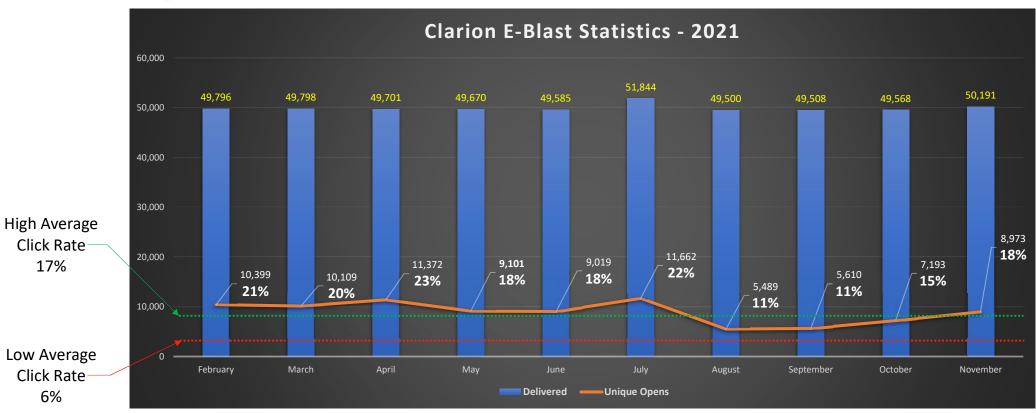
CLARION E-BLAST

- Clarion e-mail list approximately 50,000 monthly
- Constantly updated
- Variety of ranks
- All functions and department types

Rank/Title	Function	Type of Department		
Administrator/Supervisor	Management	Volunteer		
Apparatus Operator/Engineer/Chauffeur	Suppression	Career/Paid		
Chief of Department	Investigation	Combination Volunteer & Career/Paid		
Dist./Asst./Batt./Chief	Maintenance	Industrial		
EMS Chief	Public Education	Military		
EMT (Basic, 1st Responder)	EMS	Distributor		
Executive in Fire Apparatus or Equipment Manufacturing	Hazmat	Other		
Fire Apparatus or Equipment Sales Franchise Holder	Rescue			
Fire Apparatus Salesperson	Wildfire			
Fire Commissioner, Director or Trustee	Other			
Firefighter				
Firefighter/EMT				
Firefighter/Paramedic		Purchasing Responsibility I am the final decision maker		
Manager level in Fire Apparatus or Equipment Manufacturing				
Nurse/Physician		I influence decisions that are made		
Officer/Company Officer		I am not responsible for decisions		
Other				
Paramedic (EMT-1, EMT-D)				
Pres, Dir, CEO, VP, Mgr				



CLARION E-BLAST





CLARION E-BLAST

Month	Delivered	Unique Opens	Unique Open %	Sent	Bounce	Total Opens	Unsub	Spam
February	49,796	10,399	20.88%	50,000	204	15,145	156	3
March	49,798	10,109	20.30%	50,000	202	14,476	133	0
April	49,701	11,372	22.88%	49,999	298	15,925	101	0
May	49,670	9,101	18.32%	50,000	330	12,604	79	1
June	49,585	9,019	18.19%	49,928	343	12,652	76	1
July	51,844	11,662	22.49%	52,160	316	16,691	166	5
August	49,500	5,489	11.09%	49,872	372	7,972	58	0
September	49,508	5,610	11.33%	49,864	356	7,567	56	8
October	49,568	7,193	14.51%	49,869	301	9,980	61	14
November	50,191	8,973	17.88%	50,582	391	11,775	80	39
Averages	49,916	8,893	17.79%	50,227	311	12,479	96.60	7.10



FDIC Sponsorship

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Ad in 2022 Official Show Guide





Maryland Hallway
Banners

Graphics By: Karen Pramas



ANUFACTURERS' ENHANCING VALUE TO MEMBERS

www.FAMA.org

Goals

 Provide value to OEM/Component Manufacturers, Dealers, and End Users

Continuing Projects

- FAMA Facebook Page
- FAMA Website Revisions







www.FAMA.org



Questions/Comments



MEETING PLANNING COMMITTEE

Paddy Cahill Tim Allaband



Committee Members

<u>Patrick Cahill / Chair</u> – United Plastic Fabricating <u>Tim Allaband / Co-Chair</u> – Matheny Fire & Emergency

- Mark Albright 4 Guys Fire Trucks
- Brian Emmel Federal Signal Corp.
- Chick Granito AMDOR Inc.
- Damon Lewis Fouts Bros., Inc.

- Kaoma Massa HiViz Lighting, Inc.
- Ron Truhler H.O. Bostrom Company, Inc.
- Eddie Villarreal C.E. Niehoff & Company
- Board Liaison: Bert McCutcheon



Welcome to The Don CeSar Hotel







Featured Speakers



Jake Wood



Commander Kirk Lippold, USN (Ret.)

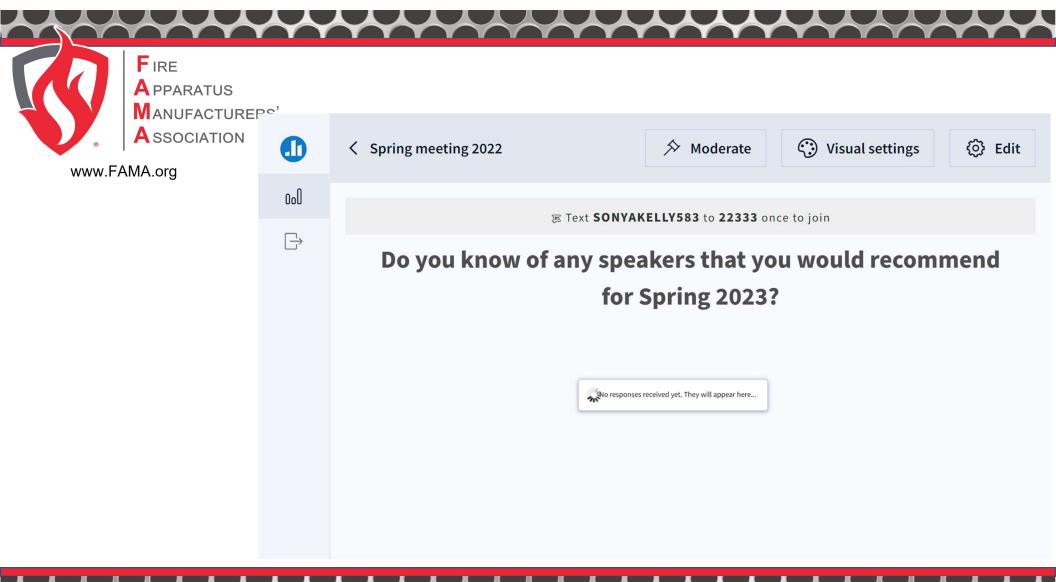




™ Text SONYAKELLY583 to 22333 once to join

What type of speaker topics do you prefer for Spring 2023? (meeting Planning)

Feel good / Motivational
Management
Manufacturing
Sales
Economics

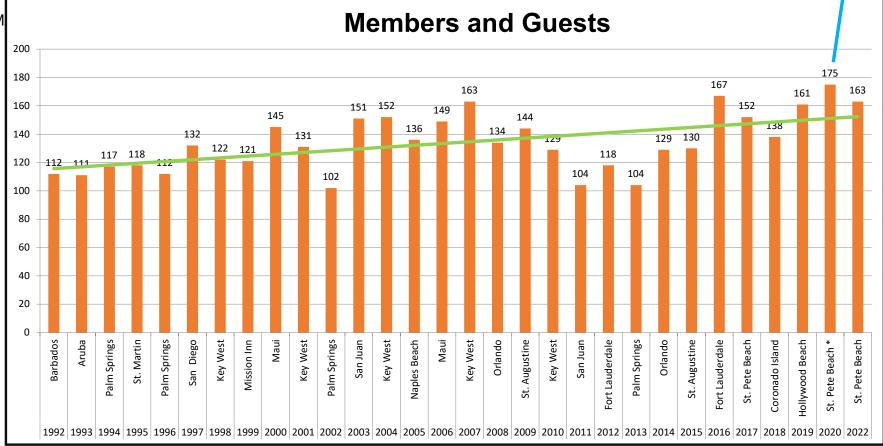




Spring Meeting Attendance

As of 3/6/2020 prior to cancellation due to COVID-19



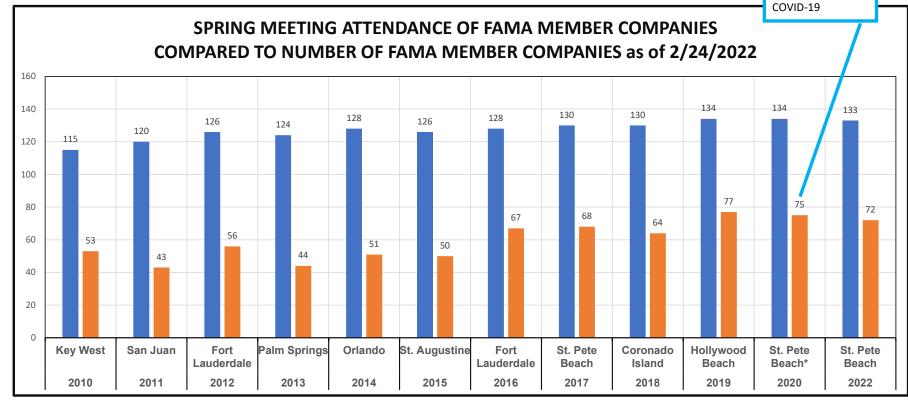




Spring Meeting Historical Attendance

www.FAMA.org

As of 3/6/2020 prior to cancellation due to COVID-19









Fall Conference 2022

Salt Lake City, UT (September 20-23, 2022) Hilton Salt Lake City Center (Downtown)





Spring Meeting 2023 (March 18-21) Fort Lauderdale, FL The Westin Fort Lauderdale







Planning Committee Proposal

Negotiate one sight for FAMA Spring Meeting for 3 years

Meets Member previous requested needs Provides Corporate Planning

- Same Location Don Cesar
- Same Timeframe Last Weekend Feb
- Set Costing Peak Season Rate Lock
 - Incremental Annual Increase





Proposal Under Negotiation

CURRENT PATTERN OF SATURDAY PEAK ARRIVAL

February 27 – March 5, 2025 @ \$339

February 26 – March 4, 2026 @ \$345

February 25 – March 3, 2027 @ \$350



Spring Meeting 2024 Back to The Don CeSar St Petersburg, FL (2025, 2026, 2027???)





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Questions/Comments



We look forward to Seeing you in Salt Lake City, UT

(September 20-23, 2022)



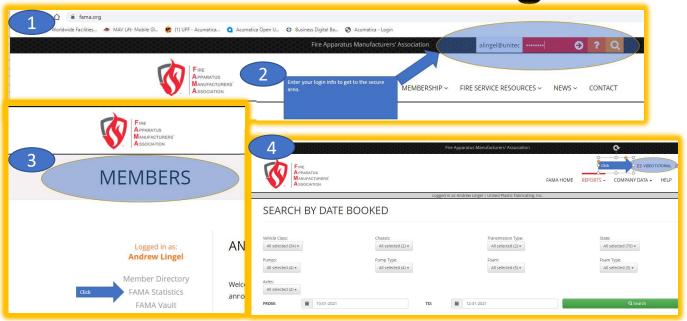


TRAINING ON HOW TO APPLY FAMA STATISTCS DATA



www.FAMA.org

Login

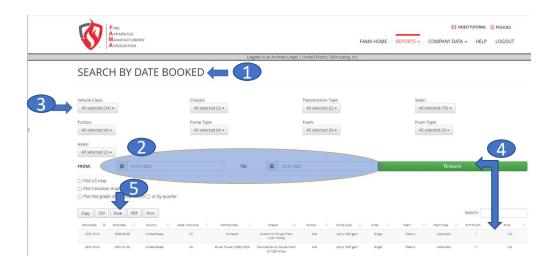


- 1) Go to WWW.FAMA.org
- 2) If you don't have or remember your login in contact Sonya Kelly or use the "?" to reset your password.
- 3) In members area click on FAMA statistics.
- 4) Landing page, there is additional video tutorials here that can be watched.



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Interactive



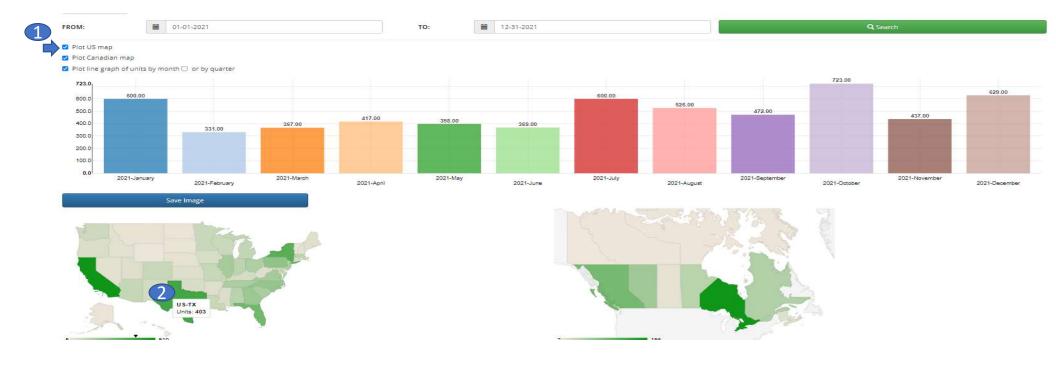
- 1) This is for booked data not shipped.
- 2) Enter the date range that you are looking for.
- 3) Also, filter using any of the drop downs.
- 4) Hitting search bring the data below.
- 5) You can export this data to excel.



Interactive

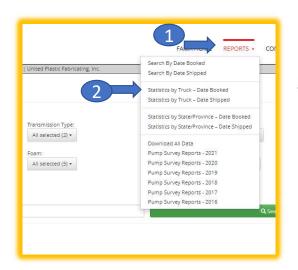
www.FAMA.org

- 1) Click on each will bring up the graphs and maps you see from the data you entered.
- 2) Click the state or province will bring up the exact number. Ex. Texas had 403 booked in 2021.



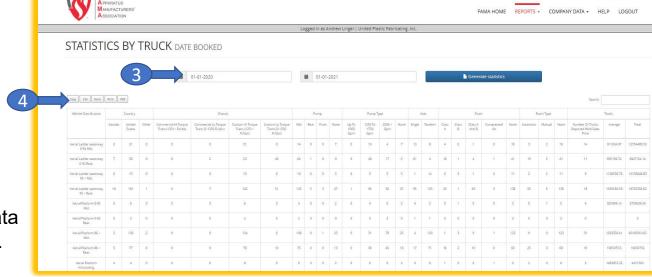


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Raw Data

- 1) Clicking on reports bring up a further range of options like bookings.
- 2) Once you click one, it will bring you to a new page.



- 3) Fill in the date range and click to generate state.
- 4) Once again, you can export the data click on one of these types of formats.



OEM

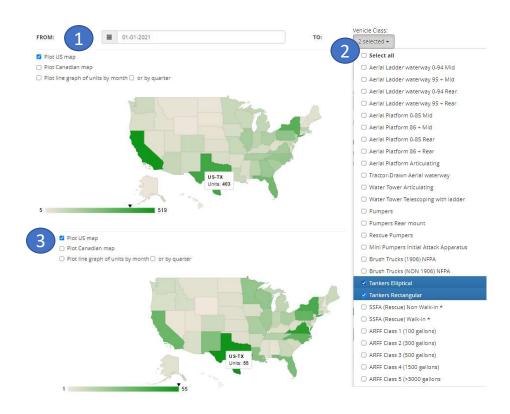
- Market share
- Market trends
- Industry backlogs
- Sales forecasting

Components

- Market share
- Sales forecasting



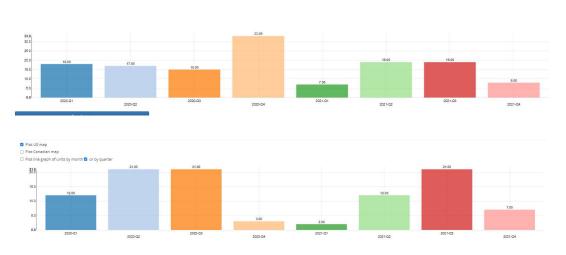
OEM Market Share



- As with any data mining you need to start with what are you trying to figure out.
- For example, we would want to know our market share in Texas for "ABC manufacturing."
 - From the previous example we know 403 units were sold in Texas.
 - ABC sold 15 units in 2021 or 15/403 = 3.7%
 - But we have to scrub the data because "ABC manufacturing" only sells Tender/Tankers.
 - With the data defined better, we now see only 55 Tenders were sold in Texas.
 - Now the market share of ABC is 15/55 =27.3%.



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- Let's pretend we are XYZ Inc., and we manufacture wheels for Fire apparatus.
- We want to try and forecast our up coming sales based on the FAMA statistics.
 - We will need to trend data of longer period of time ie. Quarterly bookings for 2 years give 8 data points.
 - We would then scrub the data based on what we know about our sales, ie. we only make wheels for ARFF trucks.
 - We would need to normalize data based on what we are selling ie. 4, 6 or 8 wheels on the unit, we will break down Class 4 & Class 5 ARFF and make some educated guesses and using excel to help.



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ARFF Class 4(1500 Gallons)	18	17	15	33	7	19	19	8
Est wheels 5 per	90	85	75	165	35	95	95	40
Arff Class 5 (> 3000 Gallons	12	21	21	3	2	12	21	7
Est wheels 8 per	96	168	168	24	16	96	168	56
est totat wheels sold	186	253	243	189	51	191	263	96
our sales	76	26	62	92	76	64	16	68
100000000000000000000000000000000000000	2020 Q1	2020 Q2	2020 Q 3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4
	Correlation	-0.60578						

		2020 Q1	2020 Q2	2020 Q 3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4
our sales	76	26	62	92	76	64	16	68	
est totat wheels sold		186	253	243	189	51	191	263	9
Est wheels 8 per		96	168	168	24	16	96	168	5
Arff Class 5 (> 3000 Gallons		12	21	21	3	2	12	21	
Est wheels 5 per		90	85	75	165	35	95	95	4
ARFF Class 4(1500 Gallons)		18	17	15	33	7	19	19	

ARFF Class 4(1500 Gallons)			18	17	15	33	7	19	19	8
Est wheels 5 per			90	85	75	165	35	95	95	40
Arff Class 5 (> 3000 Gallons			12	21	21	3	2	12	21	7
Est wheels 8 per			96	168	168	24	16	96	168	56
est totat wheels sold			186	253	243	189	51	191	263	96
our sales	76	26	62	92	76	64	16	68		
			2020 Q1	2020 Q2	2020 Q 3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4
			Correlation	0.985964						

- We will plot the data in excel and make a conversation using our best estimate to wheels.
- We will add our own internal sales data on our wheels to the sheet.
- We will use the correlation function to see if there is any correlation between our data sets.
- We see a -.6 which is a low negative correlation.
- Not what we wanted to see, we then remember there is offset from booking to when they order our product, we will shift our sale back one quarter and run again.
- We get a .17 a week positive correlation, let's move it out one more time.
- We get at .98 a near prefect correlation, meaning our sales lag 2 quarters behind the bookings.



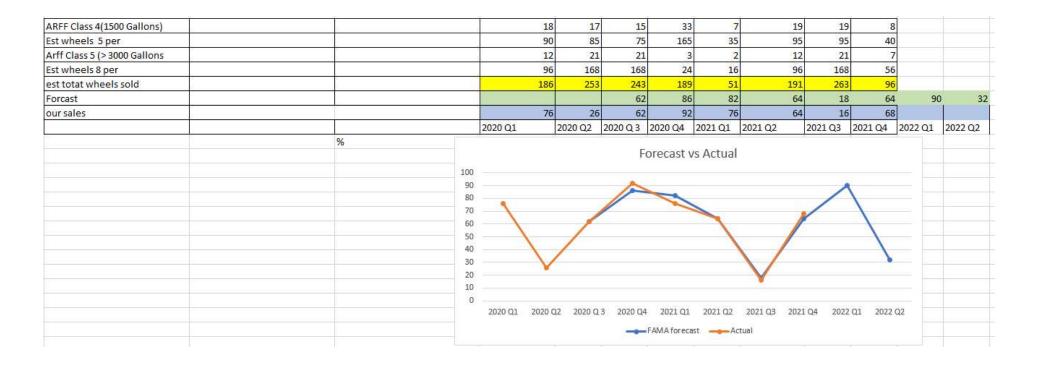
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ARFF Class 4(1500 Gallons)			18	17	15	33	7	19	19	- 8
Est wheels 5 per			90	85	75	165	35	95	95	4
Arff Class 5 (> 3000 Gallons			12	21	21	. 3	2	12	21	7.
Est wheels 8 per			96	168	168	24	16	96	168	5
est totat wheels sold			186	253	243	189	51	191	263	9
our sales	76	26	62	92	76	64	16	68		
			2020 Q1	2020 Q2	2020 Q 3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4
		%	33.33%	36.36%	31.28%	33.86%	31.37%	35.60%	,	
			Correlation	0.985964	ı			total booked	1113	
								total sales	378	
									33.96%	
ARFF Class 4(1500 Gallons)			18	17	15	33	7	19	19	8
Est wheels 5 per	9		90	85	75	165	35	95	95	40
Arff Class 5 (> 3000 Gallons			12	21	21	3	2	12	21	7
Est wheels 8 per	9		96	168	168	24	16	96	168	56
est totat wheels sold			186	253	243	189	51	191	263	96
our sales	76	26	62	92	76	64	16	68	90	32
	-		2020 Q1	2020 Q2	2020 Q 3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4
		%	33.33%	36.36%	31.28%	33.86%	31.37%	35.60%		0
			Correlation	0.985964				total booked	1113	
								total sales	378	
									33.96%	

- Now we know we can predict our next two quarters of sales.
- First, we need to see what our market share is on average by running the percentages.
- We would expect to see 33.96% of booked tires.
- Adding the % to Q3 and Q4 for the forecast.
- We would expect to sell 90 tires in Q1 of 2022 and 32 in Q2 of 2022.
- Applying our formula, we can go back and do past forecast to actual and then graph it.



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www.FAMA.org



Questions/Comments



Poll Everywhere Results Review

Open Mic Discussions



Unfinished Business New Business Closing Remarks



www.FAMA.org

Next Meeting Notice

2022 FAMA Fall Conference

Tuesday, September 20 - Friday, September 23, 2022

Hilton Salt Lake City Center Salt Lake City, UT



We look forward to Seeing you in Salt Lake City, UT

(September 20-23, 2022)





MEETING ADJOURNMENT

Oran McNabb



Thank you to our sponsors!

