



Issue Number LIII (53rd Edition)

31 Oct 2019

AMMO CHIEFS ASSOCIATION

We are the AMMO Chiefs Association (ACA) established and operated by retired and active duty AMMO Chiefs dedicated to preserving our AMMO heritage. A fraternal, not-for-profit organization, our members consist of combat veterans and their spouses. The purpose of the ACA is to encourage and facilitate camaraderie and social activities among AMMO Chiefs and members of the AMMO Community by supporting and sustaining worthwhile AMMO related initiatives and programs.

We are AMMO, and damn proud of it!

Visit our web page at: AMMOCHIEFS.COM

The Board of Directors:

President	Van Ray	mailto:vanrayammo@aol.com
Vice President	Mike Robertson	mailto:me-rob@verizon.net
Secretary	Jack Seaman	mailto:ammo.chiefs.association@gmail.com
Treasurer	Mike Roylance	mailto:mikeroylance@comcast.net
Chief-at-Arms	Fred O'Hern	mailto:chief.ohern@gmail.com
Director-at-Large	Bart Ivy	mailto:bart.ivy@evanhoe.com
Director-at-Large	"Big John" Greer	mailto:bigjohn461@bellsouth.net
Director-at-Large	Joel "Dusty" Rhodes	mailto:joelrhodes@cfl.rr.com
Director-at-Large	John Ray	mailto:jray206@gmail.com
Web-Site Manager	Bob Yeager	mailto:ryeager@atlanticbb.net ; mailto:siteadmin@ammochiefs.com

ACA holds elections every 4 years. Our most recent election is complete and the newly elected BOD has been voted in to begin their terms on 1 January 2020. The new BOD members and terms are posted below.

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From The President:

We have had an excellent election and our new officers will take their place in the next few months. I want to thank all those who ran for office and all of you who voted. It's been a good time in the past four years as our organization has grown and we continue to support our Ammo folks around the world. We have had a wonderful group of Chiefs to work with and they certainly deserve all the credit. Thank you for allowing me to serve as your President.

Van

From The Vice President:

This is the last edition of the Shell & Flame Newsletter that I will be publishing. Joe Dominguez has volunteered to take on the S&F Editor role and I know Joe is going to do a great job! A new BOD has been elected and Mark Gossett will hold the VP position for the next term and will be a great addition to the BOD. I've worked to add structure and consistency to the S&F format over the past four years and I hope you've enjoyed reading them. I want to thank all of the BOD members, Chapters, AFOMAC, Schoolhouse, and other contributors of articles, photographs, and other valuable content to the S&F. I appreciate the opportunity to serve the ACA these past 4 years.

I'll still be around working as the Reunion Boss for the 2020 ACA Reunion which will be held 9 – 13 September 2020 in Ogden, Utah. The ACA hope to see all of you there!

Mike

From The Secretary:

Hope this finds you all looking forward to the upcoming Holidays. Quite a bit has happened since the last edition. As you know by now this year's BOD elections have been completed, the results are posted in this edition as well as in the membership notifications I sent out recently by email. I want to thank everyone who participated and again - - add my congratulations to the new BOD members and thank the Election Committee for their hard work.

Another big story is the "stand up" of the ACA's 6th Chapter, the "Desert Mountains Chapter" (ACADMC) in Arizona. Tom Cox, Bill Pennington, Rickey Quattlebaum along with some AMMO Chiefs spread between Tucson and Phoenix got it done! Hats off to all for their efforts, we can look forward to some good things happening in the Grand Canyon State.

Since this will be my last input as Secretary I want to thank everyone who has supported me / us over the last 8 years. I would only ask you all give the new BOD the same or even more so in the coming years. At times the most frustrating part of this job has been not having a larger portion or % of the membership step up when asked to do so whether it's simply casting a vote or submitting their concerns / comments over what direction the Association is going in. Part of that I know has been my tendency to get impatient at times and come off a bit more caustic than what's called for. If I've offended anyone over the years I'm sorry - - but it is what it is.

Finally - - and in my opinion, I see the ACA continuing its steady growth in memberships, serving all its members, supporting the AMMO Community / Fammy and flourishing under its new leadership

You and all of yours stay well and be safe out there.

Jack **IYAAYAS !!!!**

From The Treasurer:

ACA Donations and Contributions

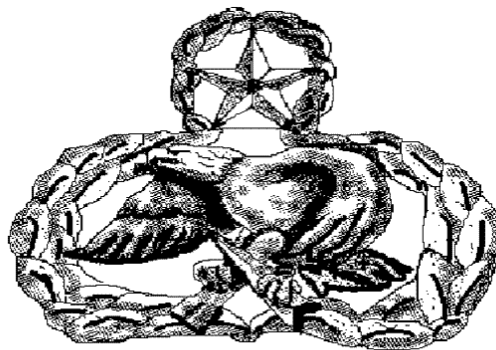
So far this year we've had a total of \$2,865 in donations made to the ACA. As budgeted; planned and unplanned, we've made donations in the amount of \$4,216. The donations went to support the 4 Ammo Bowls, a down payment on the 2020 ACA Reunion, The Moody Blues Ammo Call in Ray City GA, The spring and fall Holiday Care Package programs handled by the ACA Mid-Atlantic Chapter and the CMSgt Richard A. Gauvin Memorial Scholarship Fund.

Membership Totals by Chapter and Type

15-Oct-19

Chapter	Total	Chief Life	Chief Annual	Associate Life	Associate Annual	Honorary Spouse	Honorary	Shell and Flame
Desert Mountain	1	1						
Lone Star	6	4	2					
Mid-West	7	6						1
Desert Mountains	8	8						
Wasatch Front	20	15	2	2			1	
Mid-Atlantic	23	17		4	2			
Emerald Coast	48	28	1	13	1	4		1
At Large	153	104	18	14	2	10	2	3
Totals	266	183	23	33	5	14	3	5

ACA Membership Growth



ACA Board of Directors (BOD) Election Results:

According to the ACA Constitution, the ACA General Membership has elected new members of the BOD to lead the association through the next term of office. We've selected a pretty impressive lineup of professional AMMO Chiefs who will steer the ACA in the coming years!

The current ACA BOD wants to congratulate all of those newly elected to the Board of Directors and thanks those incumbents who will continue to serve with you. A big Thank You goes out to all those non-selected volunteers and nominees for their willingness to support the ACA and these elections.

The new Board of Directors:

<u>Name</u>	<u>Position</u>	<u>Term</u>
Bart Ivy	President	4 year term, 1 Jan 2020 thru 31 Dec 2023
Mark Gossett	Vice President	4 year term, 1 Jan 2020 thru 31 Dec 2023
Matt Lingelbach	Secretary	4 year term, 1 Jan 2020 thru 31 Dec 2023
Mike Roylance	Treasurer	Incumbent, Volunteer for additional 2 years, terminates 31 Dec 2021
Fred O'Hern	Chief at Arms	Incumbent, Volunteer for additional 2 years, terminates 31 Dec 2021
John Greer	Director at Large	Incumbent, Volunteered for additional 2 years, terminates 31 Dec 2021
Jackie Jones	Director at Large	4 year term, 1 Jan 2020 thru 31 Dec 2023
Vicki Lemke	Director at Large	4 year term, 1 Jan 2020 thru 31 Dec 2023
Wesley White	Director at Large	4 year term, 1 Jan 2020 thru 31 Dec 2023



Mid-Atlantic Chapter:



ACAMC	BOD
President	Jack Miller
Vice President	Rich Pennington
Secretary Treasurer	Bill McCullough
Director at Large	Rick Follett



Despite numerous challenges, the Ammo Chiefs Association Mid-Atlantic Chapter (ACAMC) was still able to support the Ammo Community within our area of responsibility (AOR).

Due to numerous health issues, members on business travel, and members in the middle of moves, we were not able to hold our quarterly meeting in September nor did we participate in the fall fundraiser at the Richmond International Raceway.

Michael “Jake” Jacobsen sent out the requests for the Troops-in-Need and the Sharp Ammo Troop inputs from the units within our AOR. Jake and our President, Jack Miller, acquired information, and processed the packages, for two Air Combat Command award winners from the 1st Fighter Wing:

Outstanding Munitions Technician of the 2nd Quarter (Apr-Jun 2019), A1C John J. Campitell, Jr., and Outstanding Munitions Manager of the 2nd Quarter (Apr-Jun 2019), MSgt Grayson M. Morales.

Both winners received a certificate, chapter coin, and \$50.00 Visa gift card from the chapter. Congratulations!

Phil Kennedy started the shopping for the Holiday Care Package program. Our chapter budget, coupled with donations of \$500.00 from the ACA and \$366.00 from the Corvette Marque Club of Seattle (CMCS) raffle, allows about \$1,650.00 available for goodies and shipping. Thanks to the ACA and CMCS for stepping up to the plate again with their generous help!

We are in the process of obtaining nominations for Chapter President. This is turning into a difficult task due to the aforementioned health, travel, and moving issues. We hope to resolve this so we can hold the voting prior to our December meeting.

Our next meeting will be held on December 7th at the Richmond, VA area. At that time, we will decide of what Troops-in-Need will get our support and evaluate the packages submitted for the Sharp Ammo Troops award program.

IYAAYAS!

Emerald Coast Chapter:

ACA/ECC	BOD
President	John Greer
Vice President	Dennis Tangney
Secretary	Darrel Beasley
Treasurer	Johnny Long
Chief at Arms	Willie Mothersell



The Emerald Coast Chapter held a meeting on 18 Jul at Shalimar Cheer's Pub. We discussed the finalized audit report for 2018 that was finally completed. John stated that we need to get this task completed a little earlier in the year if possible selecting a team that will not be subject to TDYs that will drag it out like this year. Dave Bressler brought up the possibility of having a casino night to raise funds but that was tabled for further discussion at a later date. The charity golf tourney we held in June was able to garnish \$2008.62 for homeless Veterans when the final total was in. Darrell reminded everyone of the upcoming Moody Blues Ammo Call 4-6 Oct. He also reminded all of the Sunday Brunch that was now scheduled for 29 Sep at the Two Trees Restaurant at the FWB Golf Course.

Our Sunday Brunch turned out to be a great success. We had 24 adults and 2 kids. Two Trees provided a mixed menu buffet and everyone had plenty to eat. We are all very busy throughout the year and cannot always attend all meetings and events so this venue provide an opportunity for folks to come out to just eat, socialize and catch up with everyone.

The Annual Awards Dinner is scheduled for 1 Nov at the Wyndham Garden where we will honor the outstanding AMMO troops from Tyndall, Eglin and Hurlburt bomb dumps. We had discussed adding Eglin AFB Directorate however after Dennis and Darrell took a head count, all AMMO troops are MSgt or above with only a couple of TSgt/SSgt assigned.

Darrell stated we had over 60 people signed up for the Annual Awards Dinner but expected several more to sign up when he sends out the next reminder email. We have our winners from Hurlburt and Tyndall and Eglin and John has ordered the plaques. He requested that if you had not signed up please do and show your support for these outstanding young troops. Bubba Host, Tom Zima and Chuck Wills handed over their money for the dinners and will be there on 1 Nov.

National AMMO Day is 4 Dec, but we had discussed doing a Burger Burn at Eglin, Hurlburt and Tyndall on 6 Dec, Friday afternoon to allow more folks to attend and socialize for the afternoon. The ECC will provide a donation and we discussed that we have ECC members at each locations and we will need some logistics support from the bomb dumps with grills and some labor support. Darrell will put out an email to the three bomb dumps to determine if 6 Dec is a good date and coordinate support.

Darrell also reminded everyone that the ECC would need some of our members to turn and burn some burgers so when he sends out the flyer please sign up and plan to be there.


John requested we review our Constitution & Bylaws and ensure all documentation is updated and approved. Darrell will work this and if we need to make any changes, we will have our members review any changes and have a vote at our December business meeting. Our chapter continues to prosper thanks to our members who constantly support all our activities and local communities. We look forward to working with the new BOD.

JOHN K. GREER
President
Emerald Coast Chapter


Wasatch Front Chapter:

<i>ACAWFC</i>	<i>BOD</i>
President	Shawn Scott
Secretary/Treasurer	Dave Van Ert

The Hill AMMO Community held the 9th Annual AMMO BBQ on 27 July 2019. Had about 100 people attend, plenty of food, music, BDU-33 toss, corn hole, pie in the face, bouncy castle and a water park for the kids. A Good time!!!



9th ANNUAL AMMO BBQ 2019




WHEN: SATURDAY, 27 JULY 2019
WHERE: Centennial Park (ON BASE) **TIME:** 10:30 TO ????


AMMO Family Photo: 1200

FOOD SERVED: 12:30
COST: Per Person = \$3.00
\$2.00 PER KID UNDER 12 YEARS


FOOD & DRINKS: Hamburgers, Hotdogs, Beer Brats, Chicken & Soda, Water, Etc.
Anything else is up to each family **COVER DISH:** Bring a dish to share (each AMMO family, single folks can bring fixing please contact Richard for more info)
ACTIVITIES: Kids - water park.
 Adults - horseshoes, Corn-hole, music.

RSVP & Pay by 19 July 2019,
family size and type of cover dish.
Contact Richard, Tim or unit POC

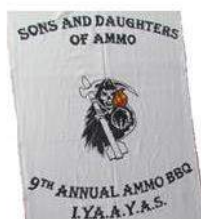




Richard Leseberg (richard.leseberg@us.af.mil or 775-2504)
 Tim Matuszak (timothy.matuszak@us.af.mil or 775-4966)



A Huge AMMO thanks goes out to Richard Leseburg and Tim Matuszak who organized the event and all those that participated and supported the event.



2019

Mid-West Chapter:

<i>ACAMWC</i>	<i>BOD</i>
President	Mark Gossett
Vice President	Don Myers
Secretary Treasurer	Gary Knighton

AFMC OUTSTANDING MUNITIONS PROFESSIONAL AWARD

(3rd Quarter 2019)

AMN:	SrA Dennis J. Brooks	649 MUNS, Hill AFB, UT
NCO:	TSgt Matthew K. Anderson	AFLCMC/EBH, Hill AFB, UT
SNCO:	SMSgt Kenny C. Ketcham	96 MXS, Eglin AFB, FL
CIVILIAN:	Mr. Cesar J. LopezFlores	412 MXS, Edwards AFB, CA

Lone Star Chapter:

<i>ACALSC</i>	<i>BOD</i>
President	CMSgt Steven West
Vice President	Fred Lee
Secretary/Treasurer	Joseph Dominguez

The Lone Star Chapter held its semiannual general membership meeting and social gathering on Sunday, 22 September 2019 at Heritage Park, Randolph AFB. After relocating a small nest of yellow jackets, great food, drink and some vicious games of corn hole were enjoyed by all.

During the general membership meeting, all were reminded about our Wreaths Across America fundraising program. Please visit our chapter's website to sponsor a wreath or make a donation, located at: <https://wreathscrossamerica.org/TX0561P>.

LSC Chapter members will help distribute and lay wreaths on the gravesites at Fort Sam Houston National Cemetery on Saturday, 14 December.

Lastly, our chapter now has a Facebook page – check us out at [ACALSC](https://www.facebook.com/Ammo-Chiefs-Association-Lone-Star-Chapter-100534424689818/?ref=br_rs).
https://www.facebook.com/Ammo-Chiefs-Association-Lone-Star-Chapter-100534424689818/?ref=br_rs

Desert Mountains Chapter:

<i>ACADMC</i>	<i>BOD</i>
President	Tom Cox
Vice President	Bill Pennington
Secretary/Treasurer	Ricky Quattlebaum

Well, it looks like we made it, another ACA chapter lives. We are 14 members strong. Our first officer elections were held during our September meeting with Tom Cox filling President, Bill Pennington, Vice President, and Ricky Quattlebaum as Secretary Treasurer.

What's interesting is our membership is almost split equally between Phoenix and Tucson. We've met in both cities while building our group, but with Casa Grande almost halfway, that'll be the logical next choice.

As a group we just started the discussions about how we can help our career field, and those who serve. We've seen several good news stories from other chapters on some of their efforts and take everyone on of them to heart. Especially those sending care packages to the men and women serving in the AOR. Although we're a new organization with little time under our belts now, if you have some ideas to share, we would greatly appreciate them. I think one might be, from the active chiefs who are where, and what can we do to help. Maybe this is something we all could share as a group. With the holidays rapidly approaching, we ought to see if we can get at least cards in the mail and "RED".

From all of us in the Desert Mountain Chapter where the temps are still in the 70s, we wish all of you a Happy Thanksgiving!

Tom

363rd Training Squadron

SHEPPARD AMMO

Points of Contact:

363 TRS/TTMB, MSgt Brenten K. Murphy, <mailto:brenten.murphy@us.af.mil>

363 TRS/TTMB, TSgt Christopher R Chafin, <mailto:christopher.chafin@us.af.mil>



AMMO Schoolhouse - ACA Outstanding Graduates

A1C Alex Linn

Class: 19026

Hometown: Lake Geneva, WI **Gaining Base/Unit:** Holloman AFB, NM



SrA Wilson Hernandez Jr

Class: 19027 **Hometown:** Cantan, PR **Gaining Base/Unit:** Homestead AFB



Amn Elizbeth Nunnery

Class: 19028 **Hometown:** Dover, DE **Gaining Base/Unit:** Dover AFB



A1C Jordan Mleziva

Class: 19029 **Hometown:** Denmark, WI **Gaining Base/Unit:** Osan AB



A1C Alicia Delgado

Class: 19031 **Hometown:** Madison, WI **Gaining Base/Unit:** 115th FW, Truax Field ANG



A1C Austin Thompson

Class: 19034 **Hometown:** San Antonio, TX **Gaining Base/Unit:** Barksdale AFB



TSgt Stephen Conklin

Class: 19035 **Hometown:** Warnick, NY **Gaining Base/Unit:** JBER, AK



A1C Alexis Moya

Class: 19036 **Hometown:** Orlando, FL **Gaining Base/Unit:** Homestead AFB, FL



SrA Gregory Geueke

Class: 19037 **Hometown:** Blairstown, NJ **Gaining Base/Unit:** Hill AFB, UT



A1C Albert White

Class: 19038 **Hometown:** Raleigh, NC **Gaining Base/Unit:** Eglin AFB, FL



SSgt Amanda Radandt

Class: 19039 **Hometown:** San Diego, CA **Gaining Base/Unit:** Mountain Home AFB, ID



A1C Zilion Sibley

Class: 19040 **Hometown:** Kingsland, GA **Gaining Base/Unit:** Kadena AB, Japan



A1C Jessica Sumner

Class: 19041 **Hometown:** Macon, GA **Gaining Base/Unit:** Langley AFB, VA



AFCOMAC - 9th Munitions Squadron

Point of Contact: CMSgt Lonnie Stamper



AFCOMAC - ACA Outstanding Performer Awards

Class 2019-006 - SSgt Curtis E. Blake
Unit/Base: 354th MXS, Eielson AFB, AK



Class 2019-007 - SSgt Paul D. Anderson
Unit/Base: 432nd MXS, Creech AFB, NV



Class 2019-008 - SSgt Jacob Mellow
Unit/Base: 649th MUNS, Hill AFB, UT



Air Force Combat Operations Competition (AFCOCOMP)



Seven teams from across the globe descended onto Beale AFB in May with the same goal...

Prove they are the Best AMMO Team in the World!!

In order to do that, they would have to best last year's winners, Team Holloman. The teams had already proven they were the best in the command and eight events is all that stood between them and their "World Champion" goals! In the end, one team stood above them all...who am I kidding, one team dominated them all! Team Lakenheath, led by the one and only CMSgt Brandon Okura, swept 5 of the 8 events and secured their place in AMMO history. Don't worry Holloman, you will always be the inaugural winners.

Here is a look at how the teams placed overall and who dominated each event:

1 st :	Lakenheath	MAC Build: Lakenheath
2 nd :	Ellsworth	Line-D Config: Lakenheath
3 rd :	Moody	AMMO Relay: Lakenheath
4 th :	Holloman	Forward Deployment: Lakenheath
5 th :	Tie Luke and Misawa	Adaptive Basing: Ellsworth
7 th :	Seymour Johnson	Big Bomb Build: Lakenheath
		Small Bomb Build: Moody
		Mystery Event: Moody

Next year's AFCOCOMP will take place 18-22 May 2020.

Chief Gauvin Memorial Scholarship Application



The Chief Gauvin Memorial Scholarship Fund Application for 2020 will be available in January 2020 at www.rgauvin.org

Please distribute to anyone you know of in the Fammoly that can take advantage of this opportunity. AMMO helping AMMO....huuaahhh!!!!

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The Chief Master Sergeant (CMSgt) Richard A. Gauvin Ammo Troop Memorial Fund was founded in June 1998 by Class 9806 as a continuing class legacy to pay tribute to Chief Gauvin for his selfless contributions to his country and the Ammo community. Class 9806 contributed the initial funds in the amount of \$400.00, obtained through personal contributions by class members. All class members agreed the fund should be established to award scholarships to children of munitions personnel who held AFSC 461XX, 465XX or 2W0X1 on active, reserve, or ANG duty in the service of the USAF.

The Air Force Combat Ammunition Center (AFCOMAC) Senior Staff will administer the scholarship fund. All future AFCOMAC classes will have the opportunity to raise funds and contribute to expanding the scholarship fund.

The USAF Major Command Functional Managers who act as the AFCOMAC Board of Advisors (BOA) will be the Scholarship Selection Committee to review, approve, and decide on the amount awarded to each applicant. All scholarship applicants will submit their applications prior to 1 June of each year.

The AMMO Chiefs Association (ACA) contributes \$500 annually directly to the AFCOMAC BOA selected recipient of the Chief Gauvin Memorial Scholarship.

## ***ACA 2020 Reunion Update***

ACA 2020 Reunion planning has begun and a contract has been signed for our venue in Ogden, Utah. There will be more information put out over the next year as we close in on September 2020.

Where: Ogden, UT

Venue: Courtyard by Marriott Ogden, 247 24th Street, Ogden, UT 84401

Dates: 9 – 13 Sep 2020

Website: <https://www.marriott.com/hotels/travel/ogdcy-courtyard-ogden/?scid=45f93f1b-bd77-45c9-8dab-83b6a417f6fe>

Map: <https://www.bing.com/maps?osid=6e02d8b7-62b9-40a1-9801-d8d766e757a8&cp=41.222399~-111.976988&lvl=17&style=h&imgid=22f44816-27f6-4d1e-96a0-ac405dd2a7c1&v=2&sv=2&form=SO0027>

Anticipated Timeline of planning events:

- Feb – Apr 2020: Convene planning committees to work out event details and costs
- 1 Apr 2020: Reunion “Sign-up” sheet will go out to all the ACA General Membership
- 1 Aug 2020: Deadline for Reunion Sign-Ups and to reserve rooms at contracted price
- 9 Sep 2020: Reunion Begins
- 13 Sep 2020: Reunion Ends

### **2020 Tentative Event Planner** (Subject to Change):

| DAY - DATE   | 6-8am                                | 8-10am                                                                                  | 10-12am | 12-2pm           | 2-4pm                                       | 4-6pm                                                                                                   | 6-8pm                | 8-10pm |
|--------------|--------------------------------------|-----------------------------------------------------------------------------------------|---------|------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------|--------|
| WED – 9 Sep  | Arrivals, Check-in, Welcome Packages |                                                                                         |         |                  |                                             |                                                                                                         |                      |        |
|              |                                      |                                                                                         |         |                  |                                             | Hospitality Room Open 4-10pm                                                                            |                      |        |
| THU – 10 Sep | Breakfast                            | F22 & F35 Tour; 649 MUNS                                                                |         |                  | Hospitality Suite Open - AMMO Call (4 – 10) |                                                                                                         |                      |        |
|              |                                      | Day Trip – SLC City Creek (Shop/Lunch)                                                  |         |                  | Free Time                                   |                                                                                                         | Evening Outing (TBD) |        |
| FRI – 11 Sep | Breakfast                            | Option 1: Travel (8-10); Wendover Military Base Tour (11-4); Casino (4-7); Travel (7-9) |         |                  |                                             |                                                                                                         |                      |        |
|              |                                      | Option 2: Golf Tourney Outing                                                           |         |                  |                                             |                                                                                                         |                      |        |
|              |                                      | Hospitality Room Open 9am - 10pm                                                        |         |                  |                                             |                                                                                                         |                      |        |
| SAT – 12 Sep | Breakfast                            | Free Time                                                                               |         | Business Meeting | Free Time                                   | Colors (5:45 - 6)<br>Benson Sisters (6 - 7)<br>Banquet Dinner (7 - 8)<br>S&F Awards (8–9); Music (9-10) |                      |        |
|              |                                      |                                                                                         |         | Free Time        |                                             |                                                                                                         |                      |        |
|              |                                      | Hospitality Room Open 9 – 3:30pm                                                        |         |                  |                                             |                                                                                                         |                      |        |
| SUN – 13 Sep | Breakfast                            | Departures, Check-out, Hospitality Room Closed                                          |         |                  |                                             |                                                                                                         |                      |        |

Reunion Boss: Mike Robertson  
[me-rob@verizon.net](mailto:me-rob@verizon.net)

## **AMMO NEWS**

### ***Air Force Releases RFP for \$600m BLU-136/B Area-Attack Weapon Manufacturing Contract***

SOURCE: <https://insidedefense.com/insider/air-force-releases-rfp-600m-blu-136b-area-attack-weapon-manufacturing-contract>

By: [Sara Sirota](#), July 31, 2019 at 3:43 PM

The Air Force today released a request for proposals to manufacture the BLU-136/B 2,000-pound warhead, one of two area-attack weapons intended to meet policy on cluster munitions.

The maximum ceiling for the multi-award, indefinite-delivery, indefinite-quantity contract is \$600 million over a seven-year ordering period. Performance will not exceed three years after the end of this time frame, according to the RFP's statement of work.

This new weapon will be compatible with the existing GBU-31 Joint Direct Attack Munition guidance system and the DSU-33 height-of-burst sensor. It will also be integrated on the F-16 aircraft as a threshold platform.

The BLU-136/B, along with the BLU-134/B, make up the Next-Generation Area-Attack Weapon family of warheads that responds to a 2008 Defense Department policy which sought to minimize civilian harm by ending the use of cluster munitions that result in more than 1% unexploded ordnance by 2018. DOD characterized the directive as an alternative to a total ban proposal offered by the Oslo Process earlier that year.

That policy meant warfighters could no longer use the CBU-87 and CBU-103 cluster munitions, paving the way for the BLU-136/B.

According to the RFP, the acquisition is a 100% small business set-aside procurement.

### ***And more....BLU-136 Improved Lethality Warhead***

Source: <https://www.globalsecurity.org/military/systems/munitions/blu-136.htm>

The U.S. Air Force is developing a 2,000 lb.-class bomb called BLU-136 that will shower metal fragments on enemy forces as a replacement for cluster munitions, which are being phased out by the Pentagon because they leave unexploded ordnance. This weapon is four-times the size of the BLU-134/B Improved Lethality Warhead, which is now being put into production. The BLU-134 and BLU-136 are different designs.

Ductile Iron (DI) castings are finding increasing applications for military hardware. The ability to produce complicated shapes, minimizing machining, yet providing performance characteristics equivalent to wrought steel components, are the drivers. As a plus, there is often considerable cost savings. These applications are in vehicles and armament hardware, and now, new opportunities have been identified by the DOD for DI applications in projectiles and bomb bodies. The latter offers potential for significant adding of tonnage to the ductile iron industry.



Five hundred pound, 1000 pound and eventually 2000 pound conventional explosive type bombs are needed by the Navy and the Air Force.

Presently, steel bodies are produced by beginning with cut-to-length steel pipe, swedging to the desired profile, followed by machining and welding on aircraft suspension lugs. Steel aft end guidance wings (fins) are subsequently attached. The welded forging is heat treated. High cost, distortion and other quality problems make DI castings an attractive replacement.

As-cast ductile iron bombs (CDIB) were first evaluated in the late 1980s, but failed to meet a fragmentation requirement when detonated. In short, it did not duplicate the requirement for large, uniform fragments, a capability of the heat treated steel. A program initiated in 1994 at the Naval Air Warfare Center (NAWC) identified the excellent potential of DI for meeting all requirements, if the castings have good graphite morphology and were in the fully annealed condition. This structure produces the desired walnut or marble size fragmentation; plus, provides the structural strength and fracture toughness necessary for handling, transport and airborne dynamic load forces.

High casting soundness is necessary for meeting the elongation and impact requirements. The target is ASTM severity level 2 or less radiographic soundness throughout all sections. No gross shrinkage can be tolerated. This unsoundness is restricted to scattered microporosity that might occur in the matrix structure cell boundaries or at the mid center of any section. Other requirements are good as-cast surface finish and freedom from other types of casting defects. Surface finish is important because the only machining that is required is for the nose cone insert, threading for aircraft suspension lugs and an aft V-groove where the flight guidance steel wings are attached during final bomb casing assembly. The balance of the OD and the ID remain with as-cast finishes.



Military Times, 23 Jul 19, URL: <https://www.bing.com/videos/search?q=images+BLU-136%2fB&&view=detail&mid=EB04EDA34BDBFDBF1636EB04EDA34BDBFDBF1636&&FORM=VRD GAR>

# ***Meet the Massive Ordnance Penetrator: The Air Force's Newest Bunker Buster Bomb***

SOURCE: <https://www.yahoo.com/news/meet-massive-ordnance-penetrator-air-020000907.html>

Military and Aerospace Electronics  
October 13, 2019

This article by John Keller originally appeared on Military & Aerospace Electronics in 2019. URL: <https://nationalinterest.org/blog/buzz/meet-massive-ordnance-penetrator-air-forces-newest-bunker-buster-bomb-87606>

**Key point:** The MOP bomb will increase the firepower and options of the Air Force.



EGLIN AIR FORCE BASE, Fla. – The U.S. Air Force is asking the Boeing Co. to build additional [Massive Ordnance Penetrator](#) bunker-busting super bombs under terms of a \$70 million contract announced last week.

Officials of the Air Force Life Cycle Management Center at Eglin Air Force Base, Fla., are asking the Boeing Defense, Space & Security segment in St. Louis for the GBU-57 Massive Ordnance Penetrator munition.

The satellite-guided Massive Ordnance Penetrator, otherwise known as MOP, is a 30,000-pound bomb with a 6,000-pound high-explosive warhead that is designed to destroy hard and deeply buried targets such as reinforced-concrete bunkers and deeply buried tunnel facilities.

In 2011 Boeing developed a modified fuse design for the GBU-57 [super bomb](#). Boeing has developed the Massive Ordnance Penetrator at the company's facilities in St. Charles, Mo., for the U.S. Defense Threat Reduction Agency (DTRA).

The U.S. Air Force B-2 and B-52 heavy bombers carry the Massive Ordnance Penetrator for dropping from high altitudes. Boeing completed a static tunnel lethality test of the MOP munition in March 2007 at DTRA's weapons tunnel complex at White Sands Missile Range, N.M.

The Massive Ordnance Penetrator super bomb was developed amid heightening worldwide concern of the mounting capability to build and deploy nuclear weapons in countries such as Iran and North Korea that are openly hostile to the United States.

The conventional Massive Ordnance Penetrator is 20 feet long, and is designed to penetrate targets more deeply on impact than any other existing nuclear [bunker-busting](#) weapon, and then detonating its three-ton explosives payload.

An explosion from the gigantic air-dropped munition is expected to penetrate as deeply as 200 feet through reinforced concrete, which is able to withstand pressure of 5,000 pounds per square inch. The bomb will burrow more than 26 feet into the ground through reinforced concrete before detonating.

As such it requires extremely ruggedized fuzing, guidance, and other on-board electronic components to survive and operate through the huge G-forces of impact from high altitude.

## **AMMO NOTAMs**

### ***Prototypes of the New AMMO Duty Badge Received***





## ***Chief Master Sergeant Richard A. Gauvin Scholarship Award Winner – 2019***

The 2019 Chief Richard A. Gauvin Memorial Scholarship Award for the ACA was Cara Brennan. A check for \$500, certificate and letter (both shown below) was sent on 8 Oct 2019.

~~~~~





THE AMMO CHIEFS ASSOCIATION, INC.

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AMMOCHIEFS.COM

October 28, 2019

Van Ray
President
Mississippi

Michael Robertson
Vice President
Utah

Jack Seaman
Secretary
Nevada

Michael Roylance
Treasurer
Washington

Fred O'Hern
Chief at Arms
Florida

Bart Ivy
Director at Large
Alabama

Joel "Dusty" Rhodes
Director at Large
Florida

John Greer
Director at Large
Florida

John Ray
Director at Large
Virginia

Cara Brennan
256 Four Mile Brooks Road
Northfield, MA 01360

Dear Cara,

On behalf of the Ammo Chiefs Association I would like to honor you with our annual Chief Master Sergeant Richard A. Gauvin Scholarship Award and prize.

This Award is made in memory of all past Ammo Chiefs and is provided to the applicant selected by the Air Force Combat Ammunition Center Board of Advisors.

We wish you the best of luck in your search for a higher education.

VanRay

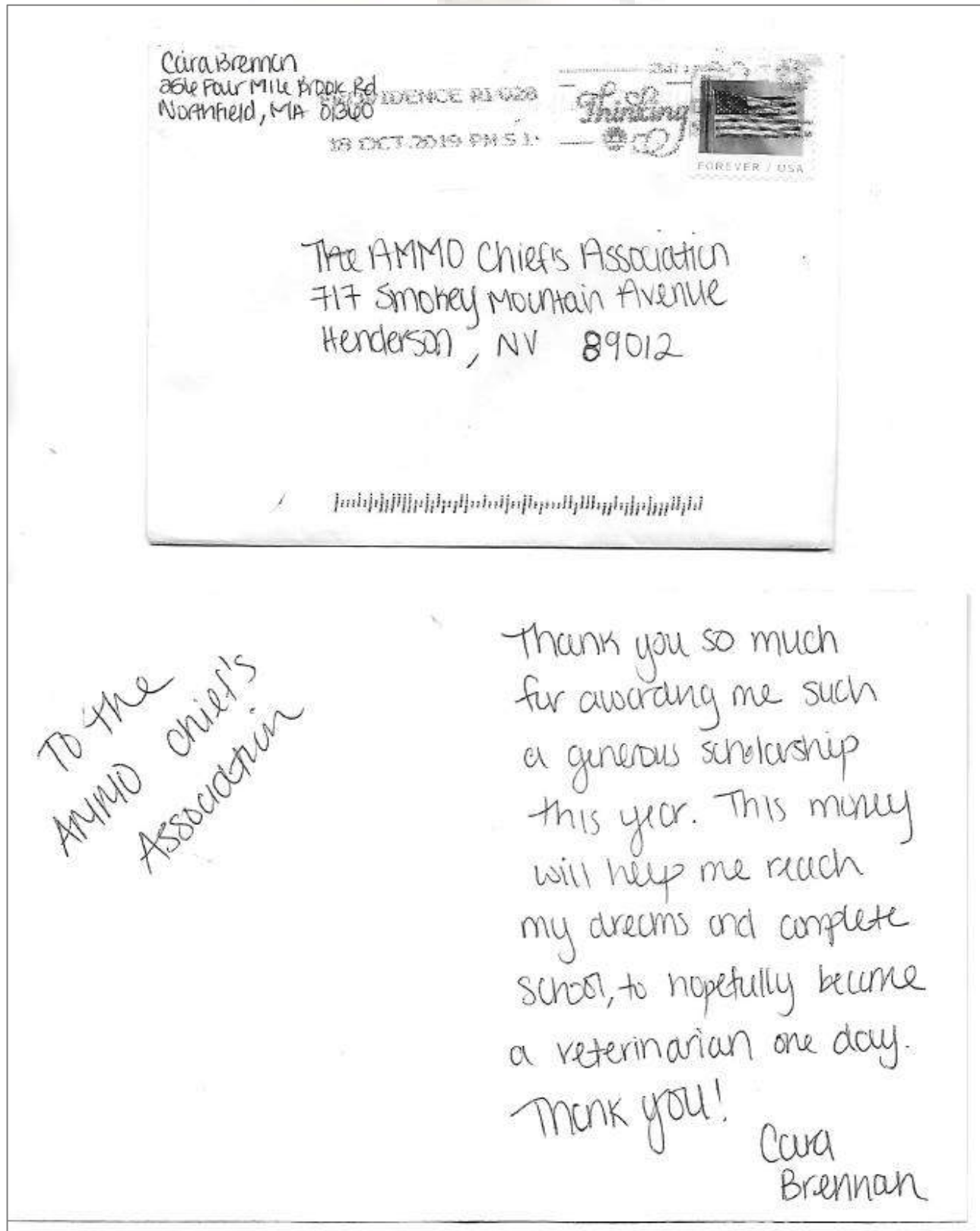
Retired AMMO Chief
President and lifetime Member

Dedicated to the Camaraderie of Munitions Systems Specialist (Ammo Troops), Past, Present and Future

IYAAAYAS



Below is the Thank You note with mailing envelope we received from Ms. Cara Brennan, who was the 2019 recipient of the ACA's annual \$500.00 Scholarship Award in Chief Gauvin's name, and administered by AFCOMAC.



‘AMMO’ Airmen run with Gold Star mother to honor Veterans

PLEASE NOTE

We ran the Article titled above and on the next page in the 30 Jun 2019 edition of the ACA Shell & Flame. We're running it again to further highlight the program and the deadline for needed support. Please do what you can to support the FAMMOLY, this AMMO Wife and AMMO Mom in her quest to honor Veterans.

The ACA Lone Star Chapter also sponsors this effort (see the LSC write-up in this edition).

Please see the below e-mail from Dave Wright on 21 October 2019 to the Hill AFB AMMO.

~~~~~

**From:** David Wright <[ammodave3@gmail.com](mailto:ammodave3@gmail.com)>

**Sent:** Monday, October 21, 2019 10:00 AM

**Subject:** Running Fir Wreaths

Please send this to the masses along with the local AMMO Chiefs to see if we can get some donations for Cathy.

All,

As many of you remember, we had Cathy Powers here for a visit. She was in the process of trying to get 7,777 wreaths, the number of days that her son, Bryce was alive on earth, to take to Arlington National Cemetery on Veterans Day. At this point she is over 5,000 short of her goal. I would like to see if we could possibly get some donations together to donate some wreaths to her.

Cathy is an AMMO wife, AMMO mom and an amazing person. Her husband is a retired AMMO troop. Her son Bryce Powers was an AMMO troop when he was in an automobile accident in Japan and 6 months later his family decided to let him go. He is now interned in Arlington. Her love for the military and veterans is evident by her spending 2019 visiting every state along with the US Territories and running 1,000 miles. Her goal is to do the final run and 1,000th mile into Arlington on Veterans Day and present them with the wreaths that have been donated.

If anyone would like to donate \$\$ to purchase wreaths, you can get with me. The wreaths are \$15 each. When I purchase them, they will come from Hill AFB AMMO!!!!

Let's see how many we can get to help Cathy reach her goal.

<https://www.wreathscrossamerica.org>

Or if we want to collect money, I can buy them. Whichever is easier.

Dave Wright  
(801) 586-2935

~~~~~

The original Article from Jun 2019 begins on the next page...

‘AMMO’ Airmen run with Gold Star mother to honor Veterans

Source: https://www.hill.af.mil/News/Article-Display/Article/1887092/ammo-airmen-run-with-gold-star-mother-to-honor-veterans/fbclid/IwARoJt-cqeyBOfURLuTXyTtI_4SX1RBSn-Sow3Nf4_f_46g9kxSLAvINvdbk/

REMEMBER the Fallen. . HONOR those who Serve. . TEACH our children the value of Freedom.

Welcome to the Running Fir Wreaths's Wreaths Across America Page.

On Saturday, December 14, 2019 at 8:30 AM, Wreaths Across America will be at Arlington National Cemetery to Remember and Honor our veterans through the laying of Remembrance wreaths on the graves of our country's fallen heroes and the act of saying the name of each and every veteran aloud.

Please help our location lay wreaths at as many graves as possible by clicking the red "Sponsor" button. Or, if you would like to volunteer to participate in the wreath laying ceremony, please click the "Volunteer" button next to the cemetery name below, and don't forget to click the "Invite" button to invite your friends and family to join you.

Thank you so much for supporting Running Fir Wreaths and Wreaths Across America!

<https://wreathsassamerica.org/pages/159274/overview/>



I was invited to an AMMO BREAKFAST yesterday morning at the American Legion in Clearfield, UT. They presented me a coin after I spoke, sharing my mission and my heart. What an Honor!

The AMMO FAMILY meet monthly for breakfast at the American Legion. This month, they were supposed to meet last Saturday, but because they heard I was coming, they switched it to yesterday. That was very nice for all of them to do, including the wonderful “full breakfast cooks” that prepared our delicious meal. ♥ [#RFWAA](#)



Please help me THANK “Evan Nuber” Munitions Crew Chief who I met on Friday at Hill AFB in Utah. He ran right with me the entire time. He said he was touched by my story and he wanted me to know that our family would never be left to stand alone. We will always have AMMO to stand with us. He said, “It’s Team work! No one will be left behind.” ♥



I decided to run another 5k last night in honor of the beautiful Veterans I met yesterday at the Ogden Veterans Home. They are a beautiful bunch of greats! It touched my heart so much when I visited them because I could strongly sense how much they believed me when I told them, "I love you, I care about you, I am so grateful for your Service and every sacrifice you made defending our Country, and I promise you will not be forgotten. THANK YOU SO MUCH!"

I saw tender hearts and flowing tears, heads nodding in agreement, and the hugs I gave and received seemed extra-long and strong. We are blessed to have such great men and women amongst us. [#RFWAA](#) ♥

IN MEMORIAM



Therefore, it has pleased an all wise Providence, to remove from among us, our much esteemed Friends.

We will cherish the memory of those deceased whose memory is ever fresh in our minds.

Though parted from us we hope to meet them where no farewell tear is shed.

Michael Bachman
Larry G. Ballard***
Dave Barber***
Wilbur R. Barrentine *
Gail Bechtal (Bectle)
Walter L. Bell */**
Frank D. Bolin
Anthony Borzomowski
Jim Jimmie Branson
Rennice H Jim Bray
Shawn P Byrne
Don Carbonneau
Lott S. Carter ***
Edward H. Ted Costick ***
Preston Craven
Bernard C. (Red) Crayne
Michael D Mike Curran ***
James Curtin
Robert J Delaney
Phillip Delisi
William R Bill Dressler
Larry Eaton
Charles L. Chuck Eaves
Kathy Elle

James N Elledge
Thomas Everett
William Bill Fick ***
Francis J Frank Gamache
Richard Gauvin
Karl J Gershutz
Don Hamilton ***
Gerald Red Hess
Howard Holt
Robert N. Ivey
Jay A. Jameson
Bill Jolly
Perry D. Jones *
Paul H. Klein
Karen Long
Paul Long ***
William Lovelady
Leo Marquez ***
Donald Mayo
Arthur L Lon McAlister
Alvin Al Mercer ***
Clifton Mills
William R Bill Mosier
Kevin Mullaney

Darrell Mulvany
Charles Chuck Norton***
Edward Patry
James Phinney
William Bill Poe
Louis V. Prelip
Harold P. Prevett *
Erwin G. Erv Redman
Robert Bob Reinhart
Leander Richards
Leroy Rott
Neil G. Schaible
Gary Scott
Robert G Sechler
Ramsey Stonewall
Ben Stubbe
Addison George Wadsworth
Joseph S Joe Wata***
Richard Whatton
Kenneth R. Whitley
Bruce Wilson
George Yarbrough
Michael J. Yurkanin

The Light of the shell and flame will serve as a reminder of the level of excellence and esprit-de-corps set by those who came before us; the light of the shell and flame will also help us look back to remember those Ammo Troops, who are no longer with us and the service they performed for their country and to the Ammo community. In doing so, we will gain strength from the fact that such men and women lived.....FOR WE ARE AMMO!

Those listed with an single asterisk * held the distinction of being a Charter Chief in the USAF

Those listed with a double asterisk ** were Bataan Death March Survivors

Those listed with a triple *** are Shell & Flame Awardees