

AAFM
General Membership Meeting
8 October 2022 National Meeting

General Membership Meeting

Association of Air Force Missileers



AF MISSILEERS:

.... EXTRAORDINARY PEOPLE,
....UNMATCHED RESPONSIBILITY,
....OVERWHELMING CAPABILITIES!

AGENDA

- WELCOME
- THANKS
- MEMBERSHIP STATUS
- RECOGNITION COMMITTEE
- MUSEUM COMMITTEE
- PROJECT UPDATE
- WYOMING'S Q01
- NORTH DAKOTA'S OSCAR ZERO
- SANDIA'S ROLE IN OUR NUCLEAR DETERRENCE
- 20 AF UPDATE

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Gen Lord:


- Announced CMSGT (ret) Mark Silliman will be the next AAFM President
 - Gen Lord will stay on and liaison at the level he can

Jim Warner:

- Spoke about who qualifies as missileers
- AAFM is inclusive not exclusive

Thank You to our Generous Sponsors

CORPORATE SPONSORS


- Sentinel Level: 
- Titan Level:  
Challenging today.
Reinventing tomorrow.
- Atlas Level: 
 

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Words from BGen Rachel:

ICBMs provided a career, friendship, keep doing what you're doing



FROM BRIG GEN ALLEN RACHEL


- Collectively, you gave me a successful career.
- Individually, you gave me friendship and support.
- Keep on keeping on.

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Membership: Jim Warner

We are shrinking...we need to grow

Need to figure out a way to have enlisted personnel grow



MEMBERSHIP STATUS

As of	5 Sep 2022 Compared to March 22	
AD Enlisted	29 9	↑
AD Officer	72 8	↑
Annual	219	↓ 20
Three year	617	↓ 2
Life	701 6	↑
Total Active	1636	↓ 14

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Special Thanks

Dr. David Stumpf


Done more to capture the history of ICBMs than anyone else

 **SPECIAL THANKS TO DR DAVID STUMPF**

- ICBM Historian and Author
- Thanks for your support

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Dennis and Laurie Brooke for the help he provided in updating user-friendly database of AAFM and helping the electronic transformation of AAFM

 **SPECIAL THANKS TO DENNIS AND LAURIE BROOKE**

- Our Admin, IT and Excel specialists
- Dennis was the first to respond to my call for help (and then roped in Laura)
- They found our new data base and transferred all of the data
- Helped update our address list
- Brought us into the 21 Century!
- And a lot more!
- Living in Tacoma, WA when not travelling around the world
- Red Dawg alum!

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Scott Muessig as the webmaster




SPECIAL THANKS TO LT COL (RET) SCOTT MUESSIG

- Our Webmaster
- Flight Commander, Missile Combat Crew Commander & Deputy, 447 Strategic Missile Squadron, Grand Forks AFB, ND 1987 – 1991
- Living in Satellite Beach, FL





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Dan Tavner postings on social media



SPECIAL THANKS TO LT COL (RET) DAN TAVENNER

- Our Social media guru
- Missile Crew, Instructor, OA Best Ops ('91) and Exec, 44 SMW
- Emergency War Order Instructor and Planner, 90 SW
- ICBM Employment Officer, 625 MOF
- And more.....



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Charlie Phillips on monthly news letter


 SPECIAL THANKS TO COL (RET) CHARLIE PHILLIPS

- If you are enjoying the monthly email updates—say thanks to Charlie
- He also has family on active duty so he stays plugged in which helps a lot!




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Cory Kuehn on briefing of trivia for ICBMs and history of ICBMs

 SPECIAL THANKS TO LT COL CORY KUEHN

- We continue to receive requests for briefings on the history of ICBMs
- We had several in our files but needed an update
- Lt Col Cory Kuehn, our resident trivia buff stepped up
- Special thanks to Cory for the detailed work
- Reach out to me if you need a copy for a public speaking engagement




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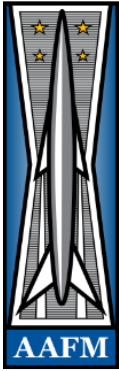
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Logo Update: Monte Watts

- Sticking with the original logo
 - Created in 93
- Jessie Larson at NG created on his free time for new Logo

 LOGO UPDATE

Thanks to **Monte Watts** for taking the lead and **Jessie Larsen** for providing the graphics support






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Missileer Hall of Fame: Linda Aldrich

- Original memorandum authored in 2016 needs to be adjusted
- AAFM is extraordinary and we need to recognize how we started and where we're going
 - Must convey how extraordinary ICBMs are and why they matter
 - Need to have some nominations from the very beginning of ICBMs
 - Need a better balance of personnel
- Need to determine location(s) for the Hall of Fame
 - Tech Schools
 - Vandenberg
 - Hill Museum
 - Other museums with a wall.
- Need to continue the effort
- Provide a suggestion to the board on who should be on the committee to work this opportunity
- Jim Warner is working to the Missileer Hall of Fame a digital entity for all museums
 - Touchscreens



AAFAM HALL OF FAME

- Established to recognize and honor persons who made positive, lasting and significant contributions to the ICBM Corps
 - Rank or position are not necessarily indicative of significant contribution
 - Career Field retirees, KIA or Deceased are eligible
- 20 Nominations Received
 - Superb packages
 - No early pioneers
- Suggestions
 - Select 10 per year
 - Mix of decades included in each round of selections
- Next Steps
 - Research on early pioneers
 - Would welcome anyone willing to help research
 - Submit balanced nominations to selection committee NLT March 2023

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AAFM Scholarship Program: Monte Watts

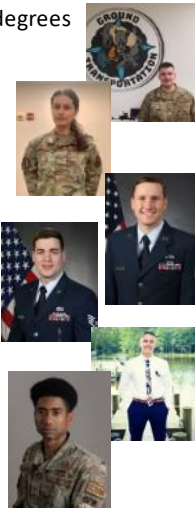
- Provided 8 awards for \$500 dollars
 - Need to determine if we should have additional scholarships
 - Open for names of additional scholarships



SCHOLARSHIP PROGRAM

- Helping our Active-Duty Airmen in pursuit of advanced college degrees
 - Covers costs not covered by Military Tuition Assistance
 - Competitive process scored by Scholarships subcommittee
- 8 scholarships awarded in December 2021 (\$500 each)
 - Article detailing winners in Apr 2022 newsletter
 - Colonel Charlie Simpson Founders Scholarship
 - Chief Master Sergeant Dick Hochheiser Memorial Scholarship
- 1 scholarship awarded in September 2022
- Future Plans
 - Expand announcement distribution through social media
 - Establish base Education Offices POCs for visibility
- Funding
 - Corporate and individual contributions
 - Membership call for additional named scholarships

scholarships@afmissileers.org



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Museum Update: Mike Kenderes

- COVID had a devastating impact to all Museums in America
- ICBM museums all open
- Since 93 have grown number to 35 in states and the DC
- Members may provide inputs to have museums be part of the ICBM network
- Brochure
- Grant Request letter
- Annually we suspense and assess who gets the dollars at the \$10K level



MUSEUM COMMITTEE UPDATE

- Museums
- Brochure
- Grants

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FRONT OF BROCHURE

Missile Museums of America Directory

(T) - Tours Available, call ahead for information.

- 1 AF Space and Missile Museum
www.afspaceandmissile.org
Tel: 321-859-8171 Cape Canaveral, FL
- 2 Atlas Museum of the Western Prairie
www.atlasmuseum.org
Tel: 888-862-1044 Mead, NE
- 3 Evergreen Aviation and Space Museum
www.evergreenmuseum.org
Tel: 503-436-6116 McMinnville, OR
- 4 Hill Aerospace Museum
www.hillmuseum.org
Tel: 801-822-5917 Hill AFB, UT
- 5 Indiana Military Museum
www.inmilitary.com
Tel: 812-882-1941 Muncie, IN
- 6 Jacksonville Museum of Military History
www.jmmuseum.org
Tel: 904-247-1943 Jacksonville, FL
- 7 Jimmy Doolittle Air & Space Museum
www.jimmydoolittle.org
Tel: 712-424-5852 Omaha, NE
- 8 Malstrom Museum
www.malstrommuseum.org
Tel: 408-721-2770 Malstrom AFB, MT
- 9 March Field Air Museum
www.marchfield.org
Tel: 916-363-1043 Hayward, CA
- 10 Mighty 8th AF Heritage Center
www.m8th.com
Tel: 912-745-8888 Rome, GA
- 11 Minuteman Missile National Historic Site (T)
www.minutemanmissile.com
Tel: 888-435-9552 Phelps, SD
- 12 Museum of Aviation
www.museumofaviation.org
Tel: 478-426-4937 Robins AFB, GA
- 13 National Atomic Testing Museum
www.natm.org
Tel: 702-794-4151 Las Vegas, NV
- 14 National Museum of the Air Force
www.nmfa.org
Tel: 607-555-4328 Wright-Patterson AFB, OH (Digital)
- 15 National Museum of Nuclear Science & History
www.nmsh.org
Tel: 800-245-2137 Albuquerque, NM
- 16 New Mexico Museum of Space History
www.nmsh.org
Tel: 505-427-2844 Albuquerque, NM
- 17 Peterson Air and Space Museum
www.peterson.org
Tel: 719-588-4810 Peterson AFB, CO
- 18 Pittsburgh AFB Museum
www.pittsburghafb.com
Tel: 412-326-1014 Pittsburgh, PA
- 19 Quebec 01 Missile Alert Facility State Historic Site
www.q1museum.com
Tel: 514-422-2423 Drummondville, QC
- 20 Ronald Reagan Minuteman Missile Site (T)
www.rreanminuteman.com
Tel: 717-781-8651 Conowingo, MD
- 21 San Diego Air and Space Museum
www.sdmuseum.org
Tel: 619-234-8221 San Diego, CA
- 22 South Dakota Air and Space Museum (T)
www.sdairandspace.com
Tel: 605-281-5100 Spearhead, SD
- 23 Space and Missile Center Heritage Center
www.smc-heritage.com
Tel: 313-852-3629 Los Angeles, CA
- 24 Strategic Air Command and Aerospace Museum (T)
www.sacmuseum.org
Tel: 402-241-7170 Fort Leavenworth, KS
- 25 Titan II Missile Museum
www.titaniiimuseum.org
Tel: 202-425-7720 Starbuck, AZ
- 26 US Space and Rocket Center
www.usrcenter.com
Tel: 256-437-7220 Huntsville, AL
- 27 Vandenberg AFB Museum (T)
www.vandenbergafb.com
Tel: 805-326-2244 Vandenberg AFB, CA
- 28 Vermont National Guard Military Library & Museum
www.vnmuseum.com
Tel: 802-238-3383 Colchester, VT
- 29 Walker AFB Museum
www.walker.com
Tel: 505-247-2664 Roswell, NM
- 30 Women CBM and Heritage Museum
www.wcbm.com
Tel: 337-779-2888 Warner AFB, NV
- 31 Whiteman AFB Museum (T)
www.whitemanafb.com
Tel: 800-867-4800 Whiteman AFB, MO
- 32 Wings Over the Rockies Museum (T)
www.wingsovertherockies.com
Tel: 800-369-0367 Denver, CO

This directory was donated by the
Association of
Air Force Missiles (AAFM)
For more information or to join AAAM,
go to
www.AFMissileers.org

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BACK OF BROCHURE



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Social Media Project Updates: Monte Watts



SOCIAL MEDIA PROJECT UPDATES

- Channel created in Spring 2022

- Online for 181 days
- Over 8,600 viewers
- 626.5 hours of Watch Time
- 618 subscribers



- Playlists

- Missile History
- Nuclear Deterrence
- GBSD – Sentinel
- Vandenberg Missile Mission
- Maintenance
- Security Forces
- Personnel & Procedures
- ALCS
- Missiles In The News
- Missile Competition
- By System (Thor, Atlas, Titan, MM, PK)
 - Test Launches, Facilities
- Missile Engineering
- Missile Humor



Goals:


- **Preserve and share our history**
- **Draw viewers to amissileers.org and join us**
- **Worldwide visibility**

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Patch Gallery Makeover



- Launched Jul 2021
 - Updated every 30-60 days
- Gallery website provides insight into the history of each patch
- Working to see if there can be a search function
- Special Thanks to the team who makes this happen:
 - Greg Ogletree
 - Dennis Brooke
 - Scott Muessig
 - Larry Thompkins
 - Gary Mead



PATCH GALLERY MAKEOVER

- <http://gallery.afmissileers.org>
- **Updated every 30-60 days since**
 - New patches from Active duty connections
 - Donations from AAFM members
 - Commercial vendors
- **Average traffic**
 - 710 visitors/month (max 1,987)
 - 9,677 page views/month (max 50,977)
- **Future Improvements**
 - Search function
- **Special Thanks**
 - Greg Ogletree
 - Dennis Brooke
 - Scott Muessig
 - Larry Thompkins
 - Gary Mead

Launched 1 Jul 2021




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This Day in Missile History

- 1,557 events
- Plan to put our daily contact



THIS DAY IN MISSILE HISTORY

- Completed by Greg Ogletree in summer 2022
- Comprehensive archive of significant events across all missile systems
 - 1557 events documented
- Designed for high-impact, daily contact with members and potential members
 - Instagram
 - Twitter
 - Facebook
- Exploring software automation - reduce burden on Social Media volunteers
- Rollout planned for Fall 2022

Likes, Tags, Re -Posts, Forwards increase AAFMs visibility

#348D: 13 Dec (1971)- At Minot AFB ND, custody of the final flight of Minuteman III missiles (Os in the 742 SMS) was returned to SAC following the replacement of Minuteman III missiles with the newest Minuteman ICBMs, making the 91 SMW the USAF's first wing to be fully equipped with MIRV-carrying missiles. These gave this wing the capability of covering as many targets as could be covered by the combined forces of Minuteman Wings II, IV, and VI.


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FACEBOOK

- Trying to be more relevant on how AAFM is important
- Moving forward towards this
- Working to avoid Pitfalls of social media
- Want to keep content positive...be advocates of the mission
- Looking for a volunteer to manage this



FACEBOOK FUTURE

- Currently posting relevant, positive missile related content
- Feedback from current Missileers:
 - Daily content & updates
 - Relevant and relatable to current generation
 - Support for the mission
 - How does AAFM help me?
 - Avoiding pitfalls of the "keyboard trolls"
 - Positive messaging
- Perceptions (true and untrue)
 - Member postings: *We were so much better in the old days...*
 - Derogatory comments about the current force
 - Questioning current leadership decisions
 - Tying posts from other "similar organizations" and subgroups to AAFM
- Need for a full time FB Moderator/Editor/Influencer



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Wally Odd, original member of "The Grubers"

- Jim Warner introduced him as an attendee
- Grubers are putting together a pamphlet on the history of the Grubers
- History and lyrics included with a QR code in the back with a link to all the Grubers music
- Will not be out until 2023 or 2024

The life and Art of Minuteman

- Jim spoke to the Book
 - Asked for personal pictures of info from 3 deactivated wings
 - Spoke to Dave Fields book on Wikipedia
 - AFGSC and Combat Camera are capturing art at current Missile wings

PES Presentation by Jim Sorenson

- Has created the history of PES Seals
- For sale by donation during the meeting

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Guest Speakers



GUEST SPEAKERS

- Alexis Pratt, Superintendent, Quebec 01 Missile Alert Facility
- Rob Branting, Superintendent, Ronald Reagan State Historical Site Oscar Zero
- Col Deane Konowicz, 20 AF/CV

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Alexis Pratt, Superintendent, Quebec 01 Missile Alert Facility

- Quebec 1 at FEW Superintendent
- Youngest person at the meeting
- Recently acquired an ISST antenna
- ICBM Super High-frequency Satellite Terminal
- Still looking for pieces of the PK

Rob Branting, Superintendent, Ronald Reagan State Historical Site Oscar Zero

- Ronald Reagan Minuteman Missile State Historic Site, Cooperstown, North Dakota
- Last publicly accessible “Deuce” site
- Sharing the story of the missileer, security policy and maintenance from 1966-1998
- Has Wifi in the capsule to provide distance learning
- AAFM provided funding for iPads for interactive displays in the LCC

Col Dean Konowicz Vice Commander 20th Air Force

- How 20th AF and the ICBM enterprise assessed and navigated through COVID
 - Assessed capabilities at the SPO, BGRC, how to maximize alert rates
 - Flushed missile crews, chefs, FMs, security to the field for an indetermined period of time
 - All isolated
 - Maintenance was not isolated because they needed to agility to move forward
 - Achieved highest alert readiness in history
 - Only force working with in DoD...even the persons working GBSD were the only ones working through this challenge
 - Demonstrated physical and moral courage to push through the unknown
 - When everyone else hunkered down the missile family pushed through

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- Relayed the story of a crewmember mentor and how he navigated the first initial long alerts
- How the crew force put the mission before family with pregnancies etc and other life issues
- 250 people go to the missile field for 7 days
- Been doing that for about 2.5 years
- A week prior to their alert they would come in for testing and then quarantine isolate for 7 days
- Physical isolation was challenging
- At the end of 7 days the test results would return
- Had to test this through 3 wings
- ICBM force were considered tier 1
- Logistic limitations on number of test processing between wings drove planning between each of the wings who needed 250 tests per week
- 7 Days guaranteed followed by the 7 days at the MAF allowed/catalyst for comradery and change not understood
- Different missile force today...more resilient, better connected
- Built to do this...survive, endure, flourish in times of challenge
- Showed how 4 squadron commanders led from the ACP running the wing for 7 days
 - If that isn't leadership...then there is no definition for it
- Commanders cut out bureaucratic annoyances because they were there leading in the field
 - Allows leaders to be empathetic and vulnerable (asking for help from junior)
 - Only two superpowers leaders have...empathy and vulnerability...makes people more capable and stronger
- **Modernizations:**
 - Minuteman MEECON Program Upgrade (MMPU)
 - Provides for ability to retarget when SACCS goes down
 - Allows for additional path for targeting
 - ICBM Cryptographic Upgrade II
 - Allows for remote code change in a remote fashion
 - Took 6 hours for code change but no one had to deploy
 - Crews can now remote data change (RDC-K)
 - Massive operational change by which to conduct code change
 - Next summer's code change will be capable in all squadrons
 - Challenge for no code-change: a lot of PMIs that were done with code change now have to be accomplished in a smart manner
 - Passing the lessons on to Sentinel
 - Gunnery: Added guns to helicopters
 - There is a balance between constitutional constraints and national security imperatives
- **Changes:**
 - 377th Missile Wing moved to 20th AF
 - 377th Test and Evaluation Group will stand up 13 Nov this year
 - 576th FTS Ops test, Mnx Squadron, Support Squadron
 - Set up to support Sentinel and sustain MM through 2037
- **Future:**

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- **Sentinel:**
 - Already begun at the wing level at FE Warren. 1,200 land owners, 7 counties, towns, wind turbine encroachment, roads, rebuilding roads, engaging the Army Corps of Engineers (Omaha district builds out FEW and Minot, Seattle builds out Malmstrom)
 - 1.200 landowners complicates challenges
 - 7 new power companies requires better/cleaner power
 - MilCon: Average base gets 1 milcon project annually
 - 176 Milcon projects will come to FEW in the next several years
- **New Helo:**
 - Requires new facilities...happening at the same time related to sentinel at the same time
 - MH-139: Only two militaries that work this are the Italians, the Irish Air Force...pulling in all safe data, course ware
 - First helo AF acquired EVER...all others acquired by the Army
 - Allows for timely transport of SF personnel to LF
- **JLTV Tacticle vehicle:**
 - Requires 40 hours to drive the vehicle
 - SF already has 240 hours of training
 - Vehicle is a weapon system
 - Forced to think through how to deploy these vehicle...working to provide safer vehicles
 - JLTV was designed form Marines...
 - No weapons portals
 - Have to get out of the vehicle
 - Have to think through how to train and evaluate the new capabilities and challenges
- **Weapons Generation Facilities (new WSA):**
 - Designed before the concept of GBSD/Sentinel...have to integrate new capabilities
 - Payload transporter replacement will be a drive to make the new facility functional...from a MM perspective...not a GBSD problem...yet
- This business, even with all the equipment, it is still a struggle...it will take someone to deploy to fix things...it will still be a long way to work...
 - Finding meaning and purpose in what you do drives happiness...it is important to know that brining purpose to every aspect of what you do matters
 - Every person has a rock to roll...do it with pride, kindness and humility...
 - The struggle will always be there

Cuban Missile Crisis Tutorial by Colonel Charlie Simpson
<https://www.afmissileers.org/AAFM-and-the-Cuban-Missile-Crisis>