



Volume 32, Issue 4
October 2016

Sponsored by LOCKHEED MARTIN

MARS STAR



MARS Activities This Quarter:

MARS Holiday Celebration

December 7, 2016

Pinehurst Country Club

MARS Associates: A Social Club for Retirees of Lockheed Martin & United Launch Alliance

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CLUB CONTACTS

Bridge	Dave & Kathy Martz	303-683-9524
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REMINDER:

If you move, please give the membership VP a change of address. Also, if you are a snowbird, let us know when you are leaving and when you plan to return so your MARS STAR can be sent to you. It costs us 70 cents for each STAR package returned.

(Published quarterly by MARS Associates, Retirees of Lockheed Martin Corporation and United Launch Alliance, Denver, CO)

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IMPORTANT PHONE NUMBERS

LM Employee Service Center	1-866-562-2363
CitiStreet 401K Hotline	1-800-444-4015
Aetna Plans	1-888-562-8111
Anthem BlueAdvantage HMO	1-866-863-0484
CIGNA Point of Service (POS)	1-800-832-3211
(Hourly Only)	1-800-224-6224
CIGNA Healthcare of Colorado for Seniors	303-782-9662
CitiStreet (PSP-SSP-CAP)	1-800-444-4015
Medicare Plus (Aetna)	1-888-562-8111
PacifiCare Secure Horizons	1-800-771-4347
CVS Caremark Prescription Drugs	1-888-562-3784
Vision Service Plan, Rancho Cordova, CA	1-800-877-7195
Kaiser Permanente	303-338-3800
United Dental Health	1-800-545-3260
	303-425-1537
Delta Dental of Colorado	1-800-610-0201
Jeff Satterwhite	1-800-610-0201 x683
303-889-8683	jsatterwhite@ddpco.com
AssuredPartners of Colorado	
LTC/Vision/Dental	(303) 228-2209
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Cover:

L: A President visits Martin Marietta Astronautics – see the Historian Corner for details.

R: Wrapping up Lockheed Martin's OSIRIS-REx and sending it on its way to the Bennu asteroid.

From the Editor's Desk

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Tom Pighetti (tjighetti@g.com)

Tom Pighetti edited this issue. For comments or corrections, contact Tom or Bonnie Snodgrass, V.P. of Communications.

MARS welcomes your submissions. Submissions must be relevant to the MARS organization, informative, and appropriate for this newsletter. No personal dialogues or opinion pieces will be accepted.

Please submit your article for approval **in advance** to the V. P. of Communications. Articles will be included as time / space allows.



President's Corner

By Robin Valore

(rvalore@gmail.com)

Welcome to fall! While I hate to see summer pass by so quickly, this is by far my favorite time of the year – especially here in Colorado when the colors changing on the trees and bushes are so amazing.

Since our last MARS STAR publication, we have information to share on two of our major events; the Senior Luncheon and the Annual Picnic.

The Senior Luncheon was held on July 13 at the Embassy Suites in the Denver Tech Center. We had over 160 members in attendance at this event. Pictures of the Senior Luncheon were included in our last mailing, but there is one picture I felt worth repeating in the picture section of this issue – our Super Seniors – those Lockheed Martin/ULA retirees and/or spouses who are 85 years and older. What a great looking group of folks! You make us all very proud and most definitely jealous. Feedback from all of you on the Embassy Suites was disappointing, so in keeping with what the organization is committed to deliver in terms of food and service to our members, we will be searching for a different venue for this event next year.

The Annual Picnic was a “smash” as usual. It was held at Clement Park on September 7. The weather and temperature were delightful for the over 320 members who attended. Bennett's BBQ once again delivered superb catering service and delicious food. Many lucky members were recipients of door prizes donated by your MARS Association, United Launch Alliance (ULA), gift certificates provided by Assured Partners of Colorado (previously Wright Services Group) and gift certificates from various restaurants that were donated through our Dinner Club. You can read more about the details of our winners and the actual prizes in the VP of Activities section.

There was a little hiccup in our picnic planning this year – our VP of Activities unexpectedly resigned about a month prior to the picnic. It is with great pride I share with you the collective tenacity and “give it your all” attitude of your Officers and Board of Directors. This determined group was able to plan and orchestrate this

picnic essentially at the last minute for all of you. I give many thanks to the collective efforts of this group to pull off what I believe was “the best picnic ever”.

We were joined at the picnic by several vendors that support MARS Associates so I want to take a few lines to thank them for their generosity and support to this organization. In attendance at the picnic were representatives from Red Rocks Credit Union, The Hearing Rehab Center, Kaiser Permanente, Assured Partners of Colorado, Delta Dental and Sam's Club. A special thank you to Sam's Club for donating a large sheet cake complete with our MARS logo for dessert. Check out the picture of the cake along with other picnic pictures at the back of this STAR.

As I mentioned before, our VP of Activities – Jennifer Schmidt, tendered her resignation shortly before the picnic. We have been lucky enough to recruit an equally qualified member of MARS to assume these responsibilities. Linda Duby is your new VP of Activities and you can learn much more about her in the VP of Activities section of this STAR -- I worked with Linda at Lockheed Martin. She was a Labor Relations Specialist and is an expert at “negotiations” which will come in handy in dealing with our various venue considerations. In addition, we welcome Shar Petty to the organization as the new Secretary, replacing Linda Stearns who assumed the position of VP of Membership. The Secretary position is not an elected position but is a much-needed Officer as it also supports the Board of Directors as well as our Officers. I don't have to tell you how difficult it is to get volunteers to support MARS, so I want to extend my gratitude to both Linda Duby and Shar Petty for stepping up to help out in the efforts of the Association in the support of all of you – our members!

Our next major event is the Holiday Celebration – one that Linda Duby is already busily planning in her new role. Once again, it will be held at the fabulous Pinehurst Country Club which has never disappointed us in either food or service. The date for the Holiday Event is Wednesday, December 7 and the flyer is included in this mailing of the STAR. This is a favorite event of mine because I love to see everyone dressed up in their holiday finest and in a festive mood to celebrate. See you all there and have a wonderful rest of your fall!





Next Up!!!

By Stacey DiMercurio
(staceydimercurio@gmail.com)

Hello MARS Members! This last quarter was a busy one for MARS with two of our major events occurring; the Senior Luncheon was held on July 13 and the Annual Picnic was held on September 7. We enjoyed great attendance at both events, in fact a handful of retirees who hadn't yet joined MARS "crashed the party" (the picnic) and signed up to become MARS members on the spot! That's one way to recruit 'em!

In addition to those two events, the Clubs were very active over the summer. I enjoyed attending the September luncheon that was a delicious Japanese feast at the Sakura Hibachi Japanese Restaurant. Not only was it a great chance to catch up with friends, the luncheon provided a wonderful opportunity to talk to MARS members that I had not met previously which was great fun. Aren't we such an interesting group of retirees?! If you have not joined any of the clubs, please go to our very informative MARS Website (<http://www.marsretirees.org>) for more information and read their articles in this STAR to see if one of them might be a good fit for you. For your convenience you will find the Club Lead(s)' phone numbers on the inside cover of every STAR.

Robin Valore and I met with Liane George, Human Resources Vice President of ULA, on July 28. Liane was very interested in MARS, in fact spent more time with us than planned. Robin had developed an agenda and did a very good job describing MARS and then spoke about a few items of mutual interest. For example, Robin explained how we currently pull ULA information from their website to include in the STAR and requested a ULA POC to provide the input in the future. Other topics included recruitment of more ULA retirees and Annual MARS Meeting speaker possibilities. Liane was enthused about MARS and very supportive. In fact, she immediately located and provided ULA door prizes for the picnic. We will be inviting Liane to all of our major events so hopefully you all will have the chance to meet her in the near future (perhaps at the Holiday Celebration on December 7?)

Robin and I are also trying to get on the calendar of our Lockheed Martin Space Systems Point of Contacts to bring them up to date and thank them for their continued commitment to MARS. I will be happy to report out on that meeting as well once it occurs.



Activities Updates

By Linda Duby
(lindaduby@comcast.net)

As the new VP of Activities, I am looking forward to coordinating the upcoming events for the MARS members. I want to thank Bob Lines and Linda Stearns for helping me transition to this position.

A little bit of information about me. I worked for LM for over 29 years and retired September 1, 2015. I started as an administrative assistant in Product Assurance and Training & Development. In the mid-90's I moved to a position in Staffing and became a recruiter during the time Martin Marietta acquired the Atlas program and then merged with Lockheed. In 2000, I moved to Labor Relations and was a Labor Representative for the last 15+ years of my career at LM.

Now on to the important stuff – the latest event was the annual picnic on September 7. A special thanks needs to go to the Officers and Directors for putting this event together. Being new to the position and the first time I was able to attend, the picnic appeared to me to be very successful. We had fantastic weather, food, door prizes, and attendance (more than 320 attended). Pictures from the event are included in this issue of the Star. The door prize winners are listed below. Congratulations to all of the winners!

PRIZE	DONATED BY	WINNER
Atlas Rocket Model	United Launch Alliance	Becky Tennesen
Atlas Rocket Model	United Launch Alliance	RJ Jensen
ULA T-Shirt	United Launch Alliance	Luanne Sosnay
ULA T-Shirt	United Launch Alliance	Bob Boyce
ULA Vulcan Socks	United Launch Alliance	Bill Van Beek
ULA Vulcan Tie	United Launch Alliance	Mariam Wagner
\$50 Cash	MARS	Ruth Martin
\$50 Cash	MARS	Dick Seeley
\$50 Cash	MARS	Tom Lisec
\$50 Cash	MARS	Ida Van Beek
\$50 Cash	MARS	Ethel Womochil
\$50 Cash	MARS	Marge Williams
\$100 Cash	MARS	Don Skinner

\$100 Cash	MARS	Joan Van Loozenoord
\$200 Cash	MARS	Dick Rozycki
\$300 Cash	MARS	Ralph Mueller
\$25 Starbucks gift certificate	AssuredPartners of Colorado	Gloria Pool
\$25 Panera Bread gift certificate	AssuredPartners of Colorado	Carol Dergance
\$50 Gift Certificate	Zest Café*	Corey Kroll
\$50 Gift Certificate	Los Dos Potrillos*	Judy Cooke
\$50 Gift Certificate	Angie's*	Bob Gammill
\$150 Gift Certificate	Melting Pot*	Karen Paulson

*through the MARS Dinner Club

The next event is the Holiday Celebration on Wednesday, December 7, 2016. Please see the flyer that is enclosed with this mailing.



Senior Fare

By Dave Boggy
davidboggy@comcast.net

The MARS Picnic held on Sep 7th at Clement Park was well attended by our major vendors and many attendees took advantage of that opportunity to ask questions and seek out information. Our thanks to the following organizations and their representatives that supported us at this event:

- Hearing Rehab Center – Brock Sturlaugson
- Delta Dental – Jeff Satterwhite
- AssuredPartners of Colorado (formerly Peliton Benefits) – Janet Saxon
- Kaiser Permanente – Noushin Hornbuckle and Laura Belland
- Red Rocks Credit Union – Nicole Zimmerman and Mandi Schmiden
- SAMS Club – Brett Gambill and David Uekert

Volunteers for MARS

MARS Associates is operated through the voluntary service of members of the organization like yourselves. Each year we seek out individuals that are willing to serve as Officers and Directors or to help with the various functions necessary to provide the services that MARS associates have come to anticipate and enjoy. Most recently we have been happy to add two people to the MARS management team: Linda Duby as Vice President of Activities, and Shar Petty as Secretary. We anticipate several additional openings will need to be

filled for the upcoming year which begins in March 2017. A description of the responsibilities for each of the Officer and Director positions can be found in the MARS Associates Bylaws which is available for all to read on the MARS website. If you are interested in serving in the MARS organization please let us know by talking with any of the current Officers or Directors, or by contacting me. Phone numbers and email addresses of all MARS Associates Directors and Officers are listed on the MARS Associates website (www.marsretirees.org). We would love to hear from you.



Membership

By Linda Stearns
barb.j.espinoza@comcast.net

Thanks so much to Barb Espinoza for serving as our VP for Membership for almost three full terms! She went "above and beyond" for MARS Associates. I'll do my best to follow in her footsteps!

MEMBERSHIP STATISTICS

As of September 25, 2016, MARS Associates' active membership is 1,414 which includes 806 seniors (75 or better by March 1, 2016).

Please welcome the following new or reinstated (*) members:

Colorado

- | | |
|-----------------|---|
| Denver | Catherine Knight
Michael & Barbara Schwartz |
| Franktown | Mark & Lois Huston |
| Highlands Ranch | Mark & Gaile Thulson |
| Littleton | Edward & Cynthia Eichler
Ronnie & Andrietta Garner
John & Cheryl Grace
Darold & Mary Groat
Rosemary & Zachary Piercy
Wayne & Elizabeth |

Pluheck
Debra & Michael Short
Kenneth & Denise Wright

Lone Tree Michael & Linda Gusha

Morrison Ronald & Erika Simon
Parker Roy Duszinski

Westminster David Janke

Other States

Edmond Janice Rhea
OK

MARS Membership Unit

MARS membership is defined in the policy manual as a family unit consisting of the retiree and spouse (or significant other), although the membership card and mailing data are in the retiree's name. In the event the retiree dies, the spouse becomes the member in his/her own name and may remain a MARS member by continuing to pay the annual dues.

Senior membership status (age 75 and above) is based on the retiree's date of birth, even for the surviving spouse member.

Change of Address, email address or phone number?

Please remember to include the MARS membership team in your list of people to notify when you move. We are still experiencing a number of STAR packages being returned for incorrect addresses. The United States Post Office does not forward bulk mail and MARS is charged for all returned mail.

"Snow Bunnies" remember to let us know when you travel to your winter residence! Thanks.

In Memoriam Data

When you have information regarding the passing of a member or their spouse, please contact **Bev Baugher** (bevbaugher@earthlink.net). We want to make sure their passing is acknowledged in the **In Memoriam** section of the STAR.

Linda Stearns, VP, Membership
MARS Associates,
P.O. Box 1128, Littleton, CO, 80160-1128; Phone 303-797-3557; or email linda80120@comcast.net

MARS Associates in Memoriam

By Beverly Baugher
(bevbaugher@earthlink.net)

Please contact me at the above e-mail address or at 303-978-0371 with information about the passing of a member, the spouse of a member or other MM/LM retirees so they can be acknowledged here.

Members

Ball, James J. (D: September 2016)
Denver, CO
<http://tinyurl.com/hyu5ovv>

Bryant, Richard E. (D: July 2016)
Littleton, CO
<http://tinyurl.com/zfc2ncy>

Burger, William "Bill" P. (D: September 2016)
(Survived by Darlene Burger)
Aurora, CO
<http://tinyurl.com/jqp4d2z>

Castro, Angelo "Ange" J. (D: July 2016)
(Survived by Catherine Castro)
Des Moines, IA
<http://tinyurl.com/gt7s7sx>

Forbes, Berna E. (D: August 2016)
Littleton, CO
<http://tinyurl.com/hw9gnrn>

Gishpert, John F. (D: September 2016)
(Survived by Kathleen "Kay" Gishpert)
Denver, CO
<http://tinyurl.com/zmw9reh>

Hutchison, Robert "Hutch": (D: February 2015)
(Survived by Rose Hutchison)
Derby, KS
<http://tinyurl.com/zyh9e97>

Kaelber, William "Bill" L. (D: August 2016)
(Survived by Cynthia "Cindy" Kaelber)
Morrison, CO
<http://tinyurl.com/hz73czw>

Pinckernell, Curt H., Jr. (D: September 2016)
Highlands Ranch, CO
<http://tinyurl.com/hmrzwsr>

Sellke, Albert "Al" C. (D: July 2016)
Centennial, CO
<http://tinyurl.com/jdedtor>

West, Gordon L., Sr. (D: July 2016)
(Survived by Virginia West)
Statesville, NC
<http://tinyurl.com/helqjvb>

Non-Members

Davis, Elisabeth "Betsy" A. (D: July 2016)
Littleton, CO
<http://tinyurl.com/hsw5gw>

Ensor, Barbara "Babe" A. (D: August 2016)
(Survived by Calvin "Cal" Ensor)
Centennial, CO
<http://tinyurl.com/j9hayb8>

Graese, Ronald "Ron" W. (D: August 2016)
Littleton, CO
<http://tinyurl.com/hqqcgwa>

Graham, Earl E. "Fritz" (D: July 2016)
Keenesburg, CO
<http://tinyurl.com/hyhmhhg>

Handling, Joseph (D: July 2016)
Slidell, LA
No obituary published.

Rhee, Hackchan "Huck" (D: August 2016)
(Survived by Marta Tullis)
Littleton, CO
<http://tinyurl.com/gppheax>

Shelton, Phyllis D. (D: July 2016)
Denver, CO
No obituary published.

Sisk, Janet Y. (D: July 2016)
(Survived by Francis "Frank" Sisk)
Westminster, CO
<http://tinyurl.com/jkadrn3>

Webb, James W. (D: September 2016)
(Survived by Norma Webb)
Arvada, CO
<http://tinyurl.com/jf6lhtw>

Historian's Corner

Ray Ziehm (POC)
(rzandmm@comcast.net)

A President Visits Martin Marietta **Author: Bill Cossaboom**

My thanks to Mr. Gene Horak for sharing his records and recollections, without which, this article could not have been written with the fidelity it required.

Also to Mr. David Welch, Senior Trade Show Coordinator, Lockheed Martin Space Systems Company and Kenneth L. Johnson, General Counsel, Intellectual Property, Lockheed Martin Space Systems Company.

On November 24, 1987, President Ronald Reagan spoke before an assembly of three thousand enthusiastic people at Martin Marietta's Waterton Plant. From landing to take off of Marine One, the entire visit lasted about two hours. The President's remarks lasted about nineteen minutes.



The President Speaking

Background

The United States was in the midst of terminating the 'cold war' and President Reagan wanted to send a message from a known defense contractor facility (with a visual back drop) to Russian General Secretary Mikhail Gorbachev that the United States meant business: Gorbachev could negotiate in good faith or face the consequences of a fully operational Strategic Defense Initiative (SDI) (commonly known as "Star Wars" as referred to by the press).

SDI was a research program investigating ways that the United States and its allies could defend themselves against a ballistic missile attack. It involved a number of different weapon concepts, both space-based and ground-based; an overall architectural effort with simulation and test capability; command, control and communications and battle management; surveillance programs; and new innovative technology concepts.

The President knew he wanted to send the message, the question was not how, but where, this message could be communicated. Two possible locations were selected, Martin Marietta Astronautics Group (MMAG) Denver, and another defense contractor located in St. Louis.

In reviewing MMAG, an after-hours tour / inspection was undertaken by a White House representative. The activity included the Factory (both floors), Medical, Cafeteria, Firehouse, the R2P2 facility, and other pertinent locations on the grounds. The White House decided on MMAG and only two people in the company knew of a pending Presidential visit at this time.

The President was to take a tour of the R2P2 facility and have a classified briefing prior to activities in the Factory. R2P2 was the acronym for Rapid Retargeting/Precision Pointing Simulator. The facility conducted national research for SDI.

SDIs' future capability was embodied by Zenith Star. The Zenith Star experiment was designed to test the feasibility of putting a defensive laser weapon on an orbiting satellite. The model prepared for the President's visit was eighty feet long - built on the factory floor in 6 ½ days as the model was needed 'faster than posthaste'. The President was to speak in front of this model that was laid on its side to provide the backdrop the President wanted. The model was wrapped in aluminum and gold foil to present a space-like appearance.



Zenith Star backdrop with President Reagan speaking

Advance Preparations

That Tuesday, the 24th of November, was an unforgettable day for MMAG and all who attended. The visit was so organized; so smooth, and so seamless that it appeared to be effortless. But effortless it was not.

In his book, *Raise Heaven and Earth*, William B. Harwood devotes a section of Part VIII: *Crisis and Opportunity*, 1982-1989 to the Reagan visit. The section provides in detail the results of a can-do organization- and what MMAG had to accomplish. After the initial tour of the facility; Harwood states:

"What they needed they were told, was a space big enough to hold about three thousand employees, up to one thousand invited community leaders, scores of reporters, television commentators and TV camera crews, plus telephone and other communications facilities, off space, and much more. "Yes we can," "Sure we can do that," and "No problem" were Horak's stock responses to anything the White House man said was needed."

On Nov. 11, MMAG was requested to provide the advance team with secretarial support at their hotel, a room at the plant with telephone access, a city map, a 2nd floor factory layout, a team roster of key personnel, layout/photos of the entire facility with emphasis on the 2nd floor factory, hotel recommendations, a list of car dealers for motorcade vehicles and buses for Press Corps use.

On Nov. 13; Arrangements were agreed upon whereby MMAG would provide an on-site Press Filing room (classroom style for about 150 people), four edit rooms for the major networks, and IBM typewriters.

MMAG was asked not to contact the local Secret Service field office at that time, and to rent a bus for the Advance Team; other White House needs at the Plant were identified, as well as other preliminary items.

By November 16, MMAG was positioned for the Advance Team meeting the next day. Major interfaces on the Advance Team were Jim Hooley (Advance Team Lead), Bob Schmidt (Staff Assistant to the President), Jim Lake, (Site Man), and Tom Pernice (Staff Assistant to the President). The meeting with the Advance Team included twelve White House personnel, nine Secret Service, three military, and thirteen MMAG representatives.

Visits by the White House Pre-Advance Team began on November 18. Telecons had happened well in advance of that date. The Teams were reviewing the progress of the preparation and positioning of major hardware, including the special lighting, and sound system. Another function of the Advance Team was setting up the speechwriter's stations, where the TV cameras would be located, along with the National News Media.

On the final day of preparation a walkthrough of the President's Visit was performed. The President's schedule was as follows:

"10:30 Air Force One lands Stapleton Airport.

10:35 Marine One departs Stapleton Airport.

10:50 Marine One Lands at Waterton Martin Marietta Plant.

10:55 am President departs landing site and goes to the R2P2 facility arrives at 11:00 am.

11:40 am President departs R2P2 facility arrives at factory (spent 45 minutes at R2P2 instead of the scheduled 40 minutes).

11:45 am President proceeds to the holding room (factory).

11:50 am President proceeds on-stage and takes his seat.

Dr. Graham makes opening remarks. Short Briefings are given by Gen. Schriever, Dr. Seitz, Dr. Buchsbaum.

12:13 pm Mr. Pownall introduces the President to the audience.

12:15 pm President proceeds to the podium and makes his presentation and remarks to end at 12:30 pm.

12:36 pm Presentation on behalf of MMAG made by Gene Horak.

12:43 pm President departs the stage and proceeds to holding room.

12:50 pm President departs the holding to Marine One landing site for boarding."

Dr.'s Graham, Seitz, and Buchsbaum were part of the panel on the stage with President Reagan. All served as Science Advisors to the president. Their particular area of expertise was physics. General Schriever was the commander of Air Force Systems Command and an architect of the Air Force's ballistic missile and military space program.



The Podium

Preparations were moving fast! MMAG had just thirteen days to accomplish everything for the visit. Thirteen days! This included turning a factory into an auditorium, (in 8 days), preparing an anteroom for the President (yes, there was a big bowl of jellybeans), all necessary press accommodations and a slew of other site preparatory items, including the internal MMAG items.

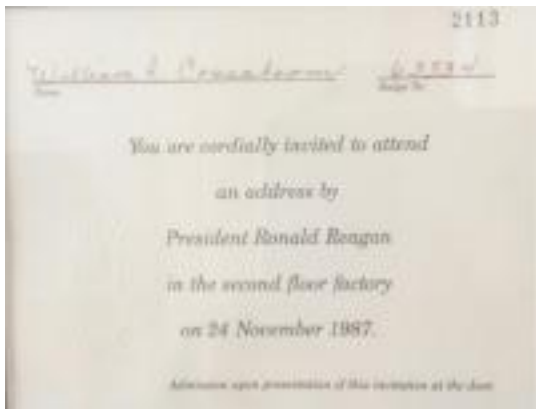
From Harwood: "Then the Secret Service discovered the huge model of Zenith Star was hollow, so nothing would do until a door had been cut in the back of it so agents could do a security check."

The Secret Service then wanted the removal of telephone poles deemed too close to the landing site of Marine One. I quote here from an article in the Rocky Mountain News, Sunday, November 29, 1987:

"The telephone poles had to go. They poked up out of the parking lot at Martin Marietta Corp.'s giant plant in Jefferson County and under normal circumstances posed no problem. But these weren't normal circumstances, because the telephone poles occupied the same space where a Marine chopper pilot planned to land a helicopter and its passenger, the president of the United States...AND THE telephone poles were plucked from the parking lot to make room for the helicopter." The newspaper went on to marvel at the quick response MMAG was capable of accomplishing.

The day of the visit was busy and the atmosphere was electric. The Secret Service began the sweep of the Factory and Facility at 3:30 a.m., with use of Secret Service Special agents along with dogs, and ATF agents to clear the area for the President's visit.

Invited employees had received their invitations and were transported to the Engineering Building. Those of us who worked in the factory reported to SSB that morning for bussing back to the Factory. Attendees were admitted via the east stairs leading up from the Engineering Building and each employee had to go through metal detector search for entry. Attendees were allowed to retain their invitations as a memento of this occasion. The other memento given to employees of MMAG was inspiration; as President Reagan recognized them for the work they did and the sacrifices they made in the name of national security.



An Invitation to attend the speech of President Reagan

The President was scheduled to speak for fifteen minutes per the schedule established by the Advance Team. The President spoke for nineteen minutes. During his remarks, the President made it clear that he would not bow to the Soviet Union or any other country- that the United States of America would remain a beacon for freedom.

The President had a habit of carrying a sheet of paper that he had annotated his thoughts on. He often referred to his notes while giving remarks already prepared and approved by the White House. The White House press office had a typist (typing frantically) behind the scenes during the presentation capturing the remarks as given.

The Presidents' Remarks

"Just in my lifetime, we have gone from a time when many, if not most, people traveled by horse power- and I mean the kind that eats hay- to an era of supersonic passenger service."

"You are laboring to develop a defensive system that will change history. Once you've completed your work, the world will never be the same. I suggest it will be a better and a safer world. And what better legacy can this generation leave than a safer world?"

"The America I was born into was acclaimed for its liberty and opportunity, yet that opportunity for which we were so proud has been expanded today beyond anything the Americans of my youth could possibly have imagined."

"Because the question is not will strategic defenses be develop? The questions is rather, will the Soviet Union be the only country to possess them? The choice is ours."

"Well, in the decades ahead, who knows what governments will obtain ballistic missile technology?"

Who knows how rational or competent those governments will be."

"Until now, mankind's search for security often focused on expanding the ability to last out, to kill, to destroy. Technological advances throughout the ages increased man's destructive power...But humanity, in almost every case found a defense for every offense, and that is exactly what we are seeking....."

The President (missing his queue) sat down prior to receiving a presentation on behalf of MMAG. He quickly got back up, and the presentation, given by Gene Horak, went smoothly- an example of a quick response by both the President and MMAG!

The MMAG response to the quick turnaround required by the Reagan visit (as typical of all customer requests) was impressive to the White House. According to Harwood, "Less than a year later, when the White House sought a place for Vice President George Bush (also presidential candidate) to make a major policy speech in the Rocky Mountain Region, Martin Marietta's Denver astronautics plant immediately came to mind."

In part because of the remarks made this day, General Secretary Gorbachev retreated. The forty-four year 'Cold War' ended in 1991. President Reagan received two standing ovations during his remarks. The President also received a standing ovation from history.

Bridge Club

A good rule to follow before playing the hand of bridge: Count your winners and count your losers. If the total doesn't come to 13, count your cards. (Sheinwold)

Come join us at our monthly get together! All MARS members and their guests are welcome. We play on the **3rd Friday of each month at the Buck Community Recreation Center (Littleton) from 10 AM to 2 PM** (pack your lunch). The club provides the cards and all requirements for the games as well as coffee, tea, and hot water, for your enjoyment. There is a small fee to the Buck Center as well as a small fee to the club (which helps with supplies and the year-end party in December).

This quarter we welcome new players to our Club: Chuck & Biji Kiker, and Jay Kimose.

We have couples, as well as singles, playing. If you don't have a bridge partner, the club can assist in finding one for you, but you need to let us know in advance.

If you have any questions, please contact any of the following Bridge Club Officers:

Presidents:

Dave & Kathy Martz, 303-683-9524

Vice-President:

Bill Kacena, 303-973-2685

Secretary:

Theodore Bornhoeft, 303-933-9730

The 3rd Quarter 2016 winners are as follows:

July 15 (2 tables)

1st – Ernie & Cecile Berliner

2nd – Bill & Mavis Kacena

August 19 (5 tables)

1st – Ernie & Cecile Berliner

2nd – Theodore Bornhoeft & Trudy White

3rd – Loman & Pat Park

4th – Mike Davis & Mary Stirling

September 16 (5 ½ tables)

North/ South

1st – Joe Pohlen & Jay Kimose

2nd – Ernie & Cecile Berliner

East/West

1st – Leo Johnson & Joni Rosenberger

2nd – Bill & Mavis Kacena

Dinner Club

By Skip and Pam Hull

(pamhull.7@msn.com)

303-973-4717

We have scheduled the next set of monthly outings for the members of MARS for 2017. Attendance has been steady so far this year, but we still have room for additional reservations for most venues. That said, please remember, venues that have attendance limits need your reservation sooner than later if you wish to attend.

The next set of restaurants scheduled, so far, in 2016/2017 is as follows:

- Nov 2 – Los Dos Potrillos (earlier mailing)
- December – No Dinner Club; MARS Holiday Celebration
- January 16 – Zest Cafe
- February – Red Lobster
- March – Imperial Gardens

If you have a suggestion for a new venue, please let us know, by email pamhull.7@msn.com or by phone 303-

973-4717 (please leave a message if we are not home).

We have gotten several comments this year about the prices of the luncheons. Unfortunately, we are experiencing pricing increases that are starting to inch over our preferred goal of \$25.00. In addition, remember that the luncheon prices include your tax and a 20% tip. Because of the increasing prices, a couple of our prior restaurants are now out of reach of our \$25 goal.

Please remember that it is helpful if you send a single check to simultaneously reserve spaces for multiple Dinner Club events. Also, please remember to include the name(s) of guest(s) and a **good phone number** where you can be reached on the reservation slips in case of last minute changes. This will greatly simplify preparation for these delightful events.

We hope to see more of you joining us for lunch or dinner this year. It is a great chance to rekindle old friendships or make new friends. Remember, you already have something in common with most of the attendees.

Finally, to quote a cooking channel chef, Alton Brown, we wish you "Good Eats".

Golf League

By Don Petermann

(donnarlen3@gmail.com)



Golf is cooling down, or at least the weather IS!!

The MARS Golf League is coming to a close for the 2016 season!!

The MARS Golf League started playing April 7 and will continue to play until Oct. 27th, weather permitting, at Broken Tee Golf Course from the "Gold tees."

Our League Championship was played August 11 and 18. Congratulations to all that played and the 2016 winners were:

1st Place: Leo Johnson

2ⁿ Place: Allen Sanders

3rd Place: John Alfeld
4th Place: Tom Ripper
5th Place: Steve Breisch
Medalist: Tom Ripper

Closest to the Pin - Aug11

Bob Knickerbocker
Allen Sanders

Closest to the Pin - Aug18

John Alfeld
Steve Breisch

Please go to MARS web site:
<http://www.marsretirees.org/> and click on "Golf" for all the details on our league. Also please feel free to contact any one of the officers or schedulers for more information about our league. Phone numbers and email addresses are on our golf web site.

Old member or new, young or not so young, male or female, we look forward to you joining us for some great fun and who knows....maybe even some good golf!?! I/we hope to see you out golfing next year!

Don Petermann



Photography Club

by John Chapter
johnchapter@msn.com
303-986-8277

The goal of the *MARS Photography Club* is to provide a meeting place for like-minded people interested in photography and photographic arts. Our club goal is to have fun and provide an educational opportunity to help improve our photography. Club members vary from beginners to more advanced photographers. If this sounds like you, please come to one of our meetings. We generally have ten to twenty members plus guests in attendance.

We strive for a program mix of educational, entertaining, and related photography subjects. Please check planned programs at the MARS Associates Web Page at <http://www.marsretirees.org/>. Please stop by for one of our meetings. There is no obligation and it is free.

When and Where We Meet

We meet every month, except *December*, and the summer vacation season of *June, July and August*. The

Club meets at the *Littleton Bemis Library*, located at 6014 S Datura Street, in Littleton Colorado, on the second Thursday of the month, from 1:00pm to 3:30pm.

Our September 2016 Meeting Highlights

Our September meeting program was a special treat presented by *Barbara Rudolf*, a professional travel agent. The subject was a trip that she made to *Cuba*, in 2015, with other travel agents. We all enjoyed the presentation and learned things we didn't know about Cuba.

Photo Competition- The twin rainbow image below was selected as first place at our September meeting by our judge, Fred Luhman. *Larry Stearns* captured this image, this summer, at Arches Park near Moab, Utah.



Coming Attractions for Our October Meeting

Jim Kummer will present results of his recent trip along the Mississippi River, in the new Paddle Wheeler boat illustrated below. Jim Kummer's presentation is Thursday October 13, 2016.



Do not miss Jim's show, as I am sure you will enjoy it.

We would love to have you be a part of our club! You can become a member of the *MARS Photography Club* at any time.

If you have any questions, please contact *John Chapter*, email address, johnchapter@msn.com.

Hiking Club

By Sue Janssen

(susan.g.janssen@gmail.com)

Dick Sosnay led a wonderful hike up to Silver Dollar Lake. On the trip were Al and Sally Sanders, Ken Ruiz, Lenny Demchak, Linda Duby, Sherry Vargo and Dick. This was the first hiking trip with the MARS club for Linda and Sherry, and they did great. The weather was gorgeous the entire hike, with Colorado blue skies. Some of the best wild flowers ever were blooming along the trail. Kennie picked out some mountain goats high on a ridge over us, as we were coming down. We heard the first thunder as we got back to the cars parked at the trail head. Afterwards, we enjoyed lunch at Tommyknocker Brew Pub in Idaho Springs.



The group takes a break to admire the views and the wildflowers along the trail to Silver Dollar Lakes. (Photo by Dick Sosnay)

The hiking club held two hikes in August, both from Guanella Pass.

Al McKinney led a group to Square Top Lakes. The South Park Trail begins on the west side of Guanella Pass and drops gently through a valley before climbing steeply to the valley wall. The trail dips back through willow, but soon rises back to lower Square Top Lake in the open tundra. The trail continues to upper Square Top Lake. Hikers retraced their steps to the trailhead. Al's group met for lunch at the Happy Cooker in Georgetown after the hike.



Al and Sally Sanders and Al and Scott McKinney on the shore of the lower Square Top Lake.

At the same time, on the east side of the pass, Gene Dionne and Ken Ruiz were climbing Mt. Bierstadt. This "14er" is very popular with hikers from the Front Range. The Class 2 trail weaves through the willows and has been improved with boardwalks over the muddiest areas. After the willows, the trail switchbacks up a shoulder of the mountain. Above 13,000' the terrain on the slope is a bit more rugged and covered with boulders. Ken and Gene continued to the summit at 14,060 feet. Then they scampered back down the hill to enjoy an ice cream treat in Georgetown.



Gene Dionne and Ken Ruiz on the summit of Mt. Bierstadt!

The September hike was planned by Gene Dionne. He is training for a trek in Nepal to Everest Base Camp, some climbing and some volunteer work. Colorado is a great place to help your body prepare for high altitude hiking. Grizzly Peak tops out at 13,427 feet, but before you make that summit, you also have to climb up Cupid (13,117 feet). The trail starts from Loveland Pass (11,991 feet) and makes a steady climb to a saddle. Then the trail continues along or just below the ridge all the way to Grizzly, so hikers are treated to spectacular views of the east portal of the Eisenhower/Johnson Tunnel and Loveland ski area, of Summit County, and many high peaks, including Torreys and Grays (Front Range 14'ers). The fall colors of tundra on the high

slopes and aspen in the valleys was spectacular! Lee and Gene summited Grizzly, but Sue decided to take a rest and enjoy the view from the ridge.



Lee and Sue Janssen joined Gene Dionne on the trail to Grizzly Peak.

It is time to get out on the trail and enjoy fall colors. The October hike will be led by Sue Janssen. Plans for a November outing is TBD. Our hiking boots take a break in December. If you get a pair of snowshoes for Christmas, try them out on the club outing in January. If you wish to join the MARS Hiking Club, contact Sue Janssen at susan.g.janssen@gmail.com who will add you to the club distribution list. Please provide your email address, home phone and cell phone for the roster. The schedule of hikes is posted on the MARS website (<http://www.marsretirees.org/>). Even if you have never gone snowshoeing or hiking, you are welcome to join in the fun.

Happy trails!

The MARS Associates Website

By Jim Kummer
(jkummer@comcast.net)

We live in an amazing time of expanding technology. Teenagers today have no concept of what it would be like to be without cellphones, tablets, digital music players, and computers. More and more things are being digitally linked. You can now use a cellphone to unlock your home door, change the thermostat, set an alarm, open the garage door, and view who is ringing your doorbell.

We take for granted digital photography, streaming video, GPS, HDTV, and on-line shopping. You can even get a robot to vacuum your floors.

It seems that self-driving cars and trucks are not far off. With all vehicles talking to one another electronically, using radar and imagery to control motion, travel could be much more efficient. Vehicle insurance would be significantly reduced, and accidents caused by driver error or incapacity would be a thing of the past.

Many of these seem like science fiction, but remember, the MARS website was not possible only a few decades ago, when the world-wide web came to be. At the MARS website, you will find an excellent source of information for MARS members. Topical and timely information is available for your viewing. Here are the monthly websites of the month from the last quarter.

- July – Keep abreast of ZIKA virus at www.cdc.gov/zika**
- August Follow the election forecasts at www.electoral-vote.com/**
- Sept – For members or their loved ones who suffer disabilities, see the [disability-benefits-guide](#)**

Your website committee members welcome your suggestions for improvement, and for proposed websites of the month. Email them to me at jkummer@comcast.net. Your website committee members are: Bob Knickerbocker, Duane "Smitty" Smetana, Linda Stearns, Paul Bingham, and Jim Kummer (Webmaster).

Colorado Springs Lockheed Martin Retiree Group News

By Doug Tomerlin
(douginc@comcast.net)

Our retiree group did not hold any functions this summer. Many of our members enjoyed outdoor activities in Colorado, enjoying the nice summer weather. Our fall luncheon is again tentatively planned to be a pre-Thanksgiving buffet in Mid-November at the Lockheed Martin IS&GS-D building 2 cafeteria.

If you would like more information about the group or the luncheon, please contact Doug Tomerlin at douginc@comcast.net.

We welcome the following new retirees who have joined the Colorado Springs Lockheed Martin IS&GS and Heritage Companies Retiree Group since the last newsletter:

- Lori Costa

- Connie Dueker
- Judy Rynning-Benedict

We were all deeply saddened by the passing of fellow retirees and friends Benny Johnson and Bob Espinoza.

I believe that many of our retiree group members have attempted to follow the words of wisdom from Lou Holtz, the famed Norte Dame Football coach:

"Have four things in life [to have a fulfilling life no matter how old you are]:

- **Something to do**
- **Someone to love**
- **Something to hope for**
- **Something to believe in"**

RAMM – Baltimore News

By Dottie Ruth
dottruth725@comcast.net

Three more months and we will be staring a new year – 2017. Due to declining membership and loss of finances, the New Year will be seeing changes in the RAMM meeting. We will be eliminating four of our seven meetings, but continuing our three events, spring dance, June picnic, and December party.

Many of the RAMM members worked for the old Glenn L. Martin Company in Middle River, Maryland before there was a Martin Marietta plant. Those workers are now in their nineties and have developed aged related health problems. Most of those now at Middle River work for GE so we aren't receiving any retirees to replace those who are no longer with us.

The members who worked for the old plant are proud of their years working for Glenn L. Martin and have many stories to relate to that genius of aviation. Many members started working when graduating from high school, so many, that the Martin Plant was once called, "Boys Town." My husband, Mel, started there in 1939 and retired 47 years later in 1986. He, Andy Bauer, and Harry Mettee founded the Retiree Association of Martin Marietta (RAMM). Andy, 95, is still an active member. Mel and Harry are deceased.

Though we are struggling to survive, the RAMM members have no plans for folding until our last penny is exhausted. Yep, we old-timers are strong, remember, ours have been called: "The Greatest Generation."

Until next time, enjoy the holidays.

Cape Canaveral News

By Dick Olson
Olsons5145@aol.com

Luncheons

JULY – Really had a small turnout this month. Everyone must still be recuperating from the 4th festivities. Bill Graham did come down from Gainesville to join us but the rest were us regulars, Larry Gleason, Jimmie Weddle, Jerry Moskovitz, Frank Indihar, Walt Starkey, Abe Smith, Don Anderson, Dick Hinshaw, and Bill Rhode.

We discussed Doug Gilman's passing and his efforts starting the CIC at the Cape. It was patterned after the CIC in VAFB. Dick Hinshaw told us that he had worked with Doug in California even before joining Martin.

Hear that Donna Dean is home from the hospital following heart surgery and wish her a speedy recovery.

Heard from Gene Horak (from Denver) that one of my former bosses, Dick Cieplia passed away. Some of you may have known Dick as he headed up Mission Success in Denver and was down here during many of the Tiger Teams and Readiness Reviews.

August - Here goes my shot at the luncheon notes by Abe Smith. We had a good turnout this month. I was told I was younger looking than Dick, but not as smart as I needed a sign-up sheet to ensure I got all the names correct. Oh, well. Those in attendance were: Wendell McDaniel, Ken Hawes, Ralph Graves, Jim Weddle, Jerry Moskovitz, Don Anderson, Frank Indihar, Jerry Moskovitz, Larry Gleason, Hank Ambrosch, Roger Wright, Tom Savage, Dick Hinshaw, Chris Hutchmaker, Bob Rodamer, Walt Starkey and yours truly. We had a Vandenberg guest, Mike Maples, who was meeting his son here as they are going to share the drive west to California.

September - Had a pretty good turnout for lunch despite the date change. Roy Hunter's son Mike and his daughter Janet joined us for lunch along with the regulars Hal Castleton, Dave Kintigh, Jimmie Weddle, Frank Indihar, Wendell McDaniels, Don Anderson, Ken Hawes, Bill Masterson, Jerry Moskovitz, Abe Smith, Bob Rodamer, Dick Hinshaw, Roger Schmidt, and a couple of guys we haven't seen for a while, Ray Hall and Bob Matschner.

There was a nice contingent of Titan folks at Roy's funeral along with his many friends and family.

Want to let you know that Bob and I will be hosting the "Old Car BBQ" again this year and you are all invited. It

will be November 5th at KARS Park so put it on the calendar.



Bob and Dick's seventeenth annual Old Car BB, Saturday, Nov 5th, 1:00 PM til the beer runs out. KARS Park (Area 3), East Hall Road, North Merritt Island
Bob Rodamer 452-0000, Dick Olson 452-4015
If you have a special car, bring it along.



Obituaries

Terry Gillette, 61, of Melbourne Beach passed away on Thursday June 16, 2016. Terry was an engineer on the Titan Centaur program before leaving Lockheed Martin to form his own company, Security Innovation Government Solutions.

Doug Gilman, nearing his 85th birthday, died June 30, 2016. Doug arrived at the Cape in 1974 when he and George Pestik were assigned to set up CIC -- it was an unpopular project, to say the least and his tour lasted twelve and a half years. He returned to California in 1985 and retired in 1993.

Gineth L. Callon, 79, of Mims, FL passed away peacefully in his home, Thursday, July 7, 2016. Guy worked for Convair, General Dynamics, and Lockheed Martin for over 40 years. He was most passionate about racing and was an active member of the stock car racing family.

Millie Howard passed away on 13 June. Millie worked for Ben Dusenbery at Martin Marietta.

Jim Senter's mother passed away on Thursday, July 14th. Jim worked in the warehouse shipping

department. His father was Harold Senter who worked in Safety for many years.

Pauline Serino (Ken Serino's Wife) passed away on Thursday, July 30th.

Hermann Russell Weinert, 87, of Titusville passed away on Friday, July 29, 2016. He worked on the Apollo mission program, Titan II and volunteered at the Valiant Air Command Warbird Museum.

Bill Kalber passed away. Bill worked the Titan I, II, and Gemini programs at the Cape before transferring to Orlando.

Roy R. Hunter, 88, passed away peacefully at his home, Thursday, August 25. Roy served in the Air Force before beginning his 32 year career as Launch Operations Chief/Chief Test Conductor for Martin Marietta on the Titan Missile program at Cape Canaveral Air force Station.

Teresa Jones, wife of Ricky R. Jones, passed away on Friday, September 16. She worked at Harris Semiconductor and Rockwell Collins.

Martin Marietta Retiree's Club (Vandenberg News)

By Charlie Radaz
(fcjradaz@aol.com)

Our July 27th meeting was held at the Historic Santa Maria Inn with 31 members and guests attending. The speaker was Bruce Fall's son-in-law, Dr. Joseph Bassi, discussing space weather and the interaction of solar activity with our lives on Earth. The 50-50 drawing winner was Polly Phillips for \$30.00!

The August 25th meeting was held at Pea Soup Andersen's in Buellton. There were 30 members in attendance, some enjoying the Monster Burgers! The 50-50 drawing winner was Jerry Wetterholm for \$34.00! The speaker was Warden Steve Langford from the Lompoc Prison Complex. He talked about his current approach to prison Inmate incarceration and rehabilitation. He also invited our members to mentor Inmates to deter them from criminal thinking.

Our 29 September meeting will be held at the Airport Radisson Hotel with our guest speaker, Professor Dominic J. Dal Bello, describing the Allan Hancock College Engineering Programs.

In the deepest respect, we have to report the passing of two members of our Vandenberg Launch Operations team, Mr. Bob O'Toole and CWO Gene Kenworthy. Our Club members offer sincerest condolences for each of their families.

The Club normally meets the last Thursday of each month at noon. We rotate between Santa Maria, Lompoc and Buellton. All former employees, their spouses and associate contractors are welcome to attend, visit and share informal stories.

Please call Aubrey Collins (805) 937-8299) for the location and reservations.

United Launch Alliance News

United Launch Alliance and Ball Aerospace Interns, Colorado Students Participate in Record-setting Launch -- Hands-on STEM Program Culminates in Launch of World's Largest Sport Rocket

Centennial, Boulder and Colorado Springs, Colo. (July 24, 2016) – A 50-foot-tall high-power sport rocket carried payloads thousands of feet above Fort Carson Army Post today at the Student Rocket Launch. Sponsored by United Launch Alliance, Ball Aerospace and the Space Foundation, the record-setting event marked the culmination of an experience designed to simulate a real-life launch campaign and inspire students to pursue careers in science, technology, engineering and math (STEM).

The launch featured two high-power sport rockets built by interns at United Launch Alliance (ULA) – including the Future Heavy, the largest sport rocket to launch anywhere in the world. Ball Aerospace interns built the four largest payloads (onboard experiments/instruments), while K-12 students from Colorado created additional payloads. The Space Foundation also teamed up with Estes Rockets to offer area YMCA day campers a chance to launch their own rockets.

“It is an exciting time to be in the space industry, and United Launch Alliance continuously works to excite the next generation of rocket scientists, astronauts, space entrepreneurs and enthusiasts,” said Tory Bruno, ULA president and CEO. “The Student Rocket Launch offers students from kindergarten through graduate school a hands-on opportunity to design, test and ultimately launch their creations – a simulation of the multi-year

missions ULA works with our customers.”

Working on their own time, the ULA and Ball interns designed, built and tested the rockets and the payloads with the guidance of mentors from both companies. Altogether, 68 interns and 22 mentors from ULA as well as 37 interns and 19 mentors from Ball participated this year.

This year’s event kicked off with the Space Foundation-sponsored launches, followed by the 10-foot-tall “Genesis” rocket and then the 50-foot tall Future Heavy. The Future Heavy carried all of the student payloads, weighing in at more than 1,200 pounds and generating 6,600 pounds of thrust off the launch pad.

Ball interns, collectively known as BIRST (Ball Intern Rocket Science Team), designed, built and tested the four largest payloads. This year’s concepts included: search and rescue missions via unmanned aerial vehicles, deploying an off-road vehicle and an LED light show.

“This program provides Ball and ULA interns a collaborative real-world aerospace industry experience from concept to launch in just a few short weeks,” said Rob Strain, President of Ball Aerospace. “This launch is the culmination of efforts, from our high caliber interns and employee mentors to the K-12 teams with sponsorship from the Space Foundation—it really demonstrates that Colorado is an exciting place for aerospace today and for future generations.”

Fifteen K-12 student teams from Colorado also designed and built payloads that launched on the Future Heavy rocket. The payloads include a kindergarten experiment in solar physics as well as an approximation of the Mars Curiosity rover’s entry, descent and landing when it landed on Mars.

For information on ULA, visit the ULA website at www.ulalaunch.com, or call the ULA Launch Hotline at 1-877-ULA-4321 (852-4321). Join the conversation at www.facebook.com/ulalaunch, twitter.com/ulalaunch and [instagram.com/ulalaunch](https://www.instagram.com/ulalaunch).

For more information on Ball Aerospace, visit the Ball Aerospace website at www.ball.com/aerospace. Join in the conversation at www.facebook.com/ballaerospace/ and twitter.com/BallAerospace.

Founded in 1983, the Space Foundation is the foremost advocate for all sectors of space, and is a global, nonprofit leader in space awareness activities, educational programs and major industry events, including the annual [Space Symposium](#), in support of its mission “to advance space-related endeavors to inspire,

enable and propel humanity." Space Foundation World Headquarters in Colorado Springs, Colo., USA, has a public [Discovery Center](#), including El Pomar Space Gallery, Northrop Grumman Science Center featuring Science On a Sphere® and the Lockheed Martin Space Education Center. The Space Foundation has a Washington, D.C., office and field representatives in Houston and the Florida Space Coast. It publishes [The Space Report: The Authoritative Guide to Global Space Activity](#), and through its [Space Certification™](#) and [Space Technology Hall of Fame®](#) programs, recognizes space-based innovations that have been adapted to improve life on Earth. Visit www.SpaceFoundation.org, follow us on [Facebook](#), [Instagram](#), [LinkedIn](#), [Pinterest](#), [Twitter](#), [Google+](#), [Flickr](#) and [YouTube](#), and read our e-newsletter [Space Watch](#).

United Launch Alliance Announces CubeSat STEM Education Program Winners

Centennial, Colo. (Sept. 20, 2016) – United Launch Alliance (ULA) has selected four proposals from university students to receive free CubeSat launch slots on future Atlas V missions through the company's new innovative rideshare program. Dubbed CubeCorp, the program encourages hands-on science, technology, engineering and math (STEM) experience to motivate, educate and develop the next generation of rocket scientists and space entrepreneurs.

This year's first place winner of the CubeSat STEM education program was the University of Texas at El Paso, with the University of Louisiana at Lafayette coming in second. Other winners are: Purdue University and University of Michigan.

A team of reviewers from across ULA and Tyvak, ULA's primary auxiliary payload integrator, thoroughly evaluated each proposal. Selection criteria included mission objective, educational outreach and ability to meet technical requirements. Launch date coordination will begin in the next few weeks.

Additionally, ULA offered universities around the nation the opportunity to help name the CubeSat STEM education program. Austin Braun, a student at the University of Colorado Boulder, submitted CubeCorp as the winning name.

Recent Launches

Cape Canaveral Air Force Station, Fla., (July 28, 2016) – A ULA Atlas V rocket carrying a payload for the National Reconnaissance Office (NRO) lifted off from Space Launch Complex-41 July 28 at 8:37 a.m. EDT. Designated NROL-61, the mission is in support of national defense. This is ULA's 6th launch in 2016 and the 109th successful launch since the company was formed.

Cape Canaveral Air Force Station, Fla., (Aug. 19, 2016) – A ULA Delta IV rocket carrying the AFSPC-6 mission for the United States Air Force lifted off from Space Launch Complex-37 Aug. 19 at 12:52 a.m. EDT. This is ULA's seventh launch in 2016 and the 110th successful launch since the company was formed.

Cape Canaveral Air Force Station, Fla., (Sept. 8, 2016) – A ULA Atlas V rocket carrying the OSIRIS-REx spacecraft for NASA lifted off from Space Launch Complex-41 Sept. 8 at 7:05 p.m. EDT. The Atlas V launched the OSIRIS-REx spacecraft into a hyperbolic trajectory away from Earth where it will begin a seven-year mission to return an asteroid sample. This is ULA's eighth launch in 2016 and the 111th successful launch since the company was formed.

Future Launches

Sept. 22, 2016, 3:30 p.m. PDT: The launch of a ULA Atlas V 401 carrying the WorldView-4 satellite for DigitalGlobe previously scheduled for Sept. 26 has been delayed due to the wildfires at Vandenberg Air Force Base. ULA is working with the Western Range and DigitalGlobe to identify a new launch date in early October. The Atlas V is provided by Lockheed Martin Commercial Launch Services.

Centennial, Colo. (Aug. 25, 2016) – NASA's Launch Services Program announced today that it selected United Launch Alliance's (ULA's) proven Atlas V vehicle to launch Mars 2020, its next robotic science rover. This award resulted from a competitive procurement under NASA Launch Services contracts that considered multiple launch providers.



MARS Senior Luncheon

July 13, 2016

MARS MEMBERS 85 AND OLDER



Back row (left to right):

John Phillips, Don Rogge, Vince Corbett, Dale Benesch, Ralph Mueller, Sid Russak, Rollin Johnson, Byron Beaty, Ev Palmer

Front row (left to right):

Sam Lukens, Mary Fowler, Carlos de Moreas, K. "Boots" Boothroyd, Tom Jones, Walt Hewitt, Judy Drury, Pauline Daniels, Bob Richardson, Harriett Stearns

2016 MARS Annual Picnic

September 7, 2016

Photos by: Theodore Bornhoeft, Linda Stearns

More Photos at www.marsretirees.org

















MARS ASSOCIATES EVENT SCHEDULE

DATE: October 2016

EVENT/MONTH	2016			2017								
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep
Board of Directors		2		4		1			7		2	
Officers	5	2	6	4	1	1	5	3	7	5	2	6
Bridge	21	18	16	20	17	17	21	19	16	21	18	15
Dinner	9	2	N/A	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Golf	Thur	-	-	-	-	-	Thur	Thur	Thur	Thur	Thur	Thur
Photo	13	10	8	12	9	9	13	11	N/A	N/A	N/A	14
Hiking Club	19	16	21	18	15	15	19	17	21	19	16	20
Computer Discovery	14 & 28	11 & 25	9 & 23	13 & 27	10 & 24	10 & 24	14 & 28	12 & 26	9 & 23	14 & 28	11 & 25	8 & 22
Web Committee	4	1	5	3	1/31	2/28	4	2	6	4	1	N/A
Holiday Celebration			7									
Annual Meeting						8						
CO Rockies Game									TBD			
Sr. Luncheon										TBD		
Annual Picnic												TBD
Items due for MARS STAR												
STAR Input				4		TBD			TBD			TBD
STAR Repro. Deadline	10			16			TBD			TBD		
STAR Mailing	19			25			TBD			TBD		

1. BOD meets the first Wednesday of every other month at The Egg & I near Southglenn at 09:30 am.
 2. Officers meet the first Wednesday of every month at The Egg & I near Southglenn at 09:30 am.
 3. Bridge Club meets the third Friday of every month at 10:00 am at Buck Recreation Center.
 4. Dinner Club: October 9 - Simms Steakhouse - Sunday Brunch, November 2 - Los Dos Potrillos - Lunch
January 16 – Zest Café - Lunch
 5. Golf meets every Thursday from April through Oct of each year.
 6. Photo Club meets the second Thursday of every month (except June, July & August) at 1:00 pm at the Bemis Public Library in Littleton.
 7. Hiking Club: Outings on third Wednesday of the month. Check the website for place and time.
 8. Computer Discovery volunteers meet at 1:00 pm the 2nd & 4th Friday of the month - all meetings at Buck Recreation Center.
 9. Web Committee meets at Noon at Sweet Tomatoes on West Bowles, Littleton, on the Tuesday prior to BOD and/or Officers meeting, with the exception of no meeting in September 2016
 11. **2016** Holiday Celebration - December 7 at Pinehurst Country Club
 12. **2017** Annual Meeting - March 8 at Pinehurst Country Club
 13. **2017** MARS Day at the Rockies - TBD
 14. **2017** Sr. Luncheon - TBD
 10. **2017** Annual Picnic - TBD
- Please review dates and times and notify Stacey DiMercurio (staceydimercurio@gmail.com) if you have any changes or additions.