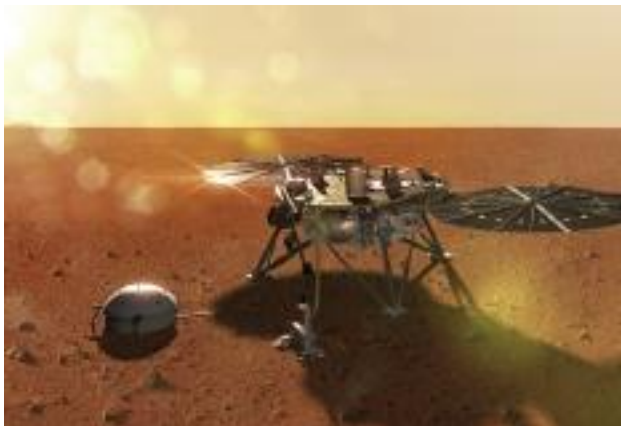




Volume 35, Issue 1
January 2019

Sponsored by LOCKHEED MARTIN

MARS STAR



MARS Activities This Quarter:

- **Membership Renewal NLT 3/31**
- **Annual Meeting** -- March 13, 2019 @ Pinehurst Country Club

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

OFFICERS

President	Dan Ellerhorst	303-794-0750
President-Elect	Dick Sosnay	303-972-9209
VP Activities	Linda Duby	303-249-1665
VP Business	Sherry Vargo	303-517-9520
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VP Membership	Linda Stearns	303-797-3557
Treasurer	Larry Stearns	303-797-3557
Secretary	Al Nemes	303-908-0157
Historian POC	TBD	

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Reporting:		
Cape Canaveral	Dick Olson	321-452-4015
Colo Springs	Doug Tomerlin	719-594-6392
Vandenberg	Charlie Radaz	805-733-2051

CLUB CONTACTS

Bridge	Dave & Kathy Martz	303-683-9524
Dinner	Becky & Gary Englebright	303-973-4062
	Anita & Roy Kannady	303-794-9210
Golf	Bo Rodriguez	303-798-9157
Hiking	Sue Janssen	303-936-8339
Photography	John Chapter (Pres)	303-986-8277

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)

DIRECTORS

Director Chair	Don Purkey	303-973-0059
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Director	Roger Rieger	303-912-6217
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Director	Bill Wise	303-771-4887
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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) (Hourly Only)	1-800-832-3211 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	1-866-487-9301 1-855-868-4955
Delta Dental of Colorado Individual Team	1-800-610-0201 1-877-516-6512
AssuredPartners of Colorado LTC/Vision/Dental Jon Elmore	303-863-7788 jelmore@assuredptrco.com
Via Benefits	1-844-596-0460

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Cover:

L: InSight Mars Lander, built by LMSSC, navigated the dramatic entry and descent through the Martian atmosphere and touched down on Elysium Planitia. See the Lockheed Martin (LM) article.

R: ULA Atlas V rocket carrying the fourth Advanced Extremely High Frequency (AEHF) mission for the USAF lifted off from Launch Complex-41 on Oct. 17. See the ULA article.

From the Editor's Desk

Kathy Campbell (kjcampbell65@msn.com)

Tom Pighetti (tjpighetti@q.com)

For comments or corrections, contact Tom (issue editor) or Mike Carroll, 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 Dan Ellerhorst
(dan.ellerhorst@gmail.com)

The results are in!

Our 2018 member survey is complete and the results are interesting and encouraging.

We solicited survey inputs in four different ways: 1) handouts at the 2018 Annual Meeting (40 responses), 2) inserts mailed with the April 2018 STAR (80 responses), 3) a posting on the MARS Retirees website (3 responses), and 4) via e-mail request (151 responses). So, statistically, that is 274 responses out of a membership of about 1380, or around 20%. I'll take it! Thank you so much to everyone who sent in responses.

It's hard to draw a lot of statistical data out of the survey, because most of the questions were open-ended. But we can provide some data that is interesting. Roughly equal numbers of the respondents indicated that they took advantage of Benefits (34%) and participated in MARS-sponsored events (33%). Of course, there is some overlap in these areas. 58% said e-mail was a good way to communicate with them and 18% even expressed an interest in a digital version of the STAR, either as a preferred or alternate medium. However, quite a few members prefer the paper copy, and we will continue to provide that for the foreseeable future. I want to emphasize again that Lockheed Martin generously funds the reproduction and postal costs of the STAR, for which our organization remains grateful. For a large number of our out-of-state members, the STAR is the key benefit that allows them to stay in touch with the organization and their former colleagues. We appreciate that and are pondering other ways that we can provide value to the non-Denver based membership.

The more free-form feedback (suggestions and comments) was quite encouraging, both in indication of support for the regular events we sponsor, as well as in ideas for new events. In my opinion, there are enough ideas out there to keep us busy for at least the next year identifying the most promising to start working on. Nevertheless, I encourage your continued feedback to me and the other officers and directors regarding some of the new things we try, as well as other ideas that

occur to you. We would even happily accept volunteers to help with some of these new efforts!

Here are the top items that the MARS leadership team has decided to pursue this year.

1) In an effort to reach out to recent retirees and potential MARS members, we are planning a Happy Hour event, possibly at the Manor House or some similar indoor/outdoor venue. This would be open to all MARS members but targeted at new and potential retirees to introduce them to the organization. There would be a cash bar and hors d'oeuvres.

2) We will provide access to a digital version (pdf) of the MARS STAR – initially at least via posting to the website. Investigate future optional e-mailing.

3) We will provide more informational seminars on various topics. Last year we did a series on Alzheimer's disease, in conjunction with the Colorado Alzheimer's Association, which was very popular. Sherry Vargo talks in this issue about a Medicare 101 seminar she is setting up with Aetna and Red Rocks Credit Union. Red Rocks very generously provides an outstanding facility in their main office building for these events. Thank you Red Rocks!!! Sherry has agreed to try to have two informational events per year. We could conceivably do more events with more volunteers to help set them up. Send Sherry your ideas.

4) There are a number of clubs sponsored by Lockheed Martin for their employees, such as the Satellite Ski Club and the Hunting and Fishing Club. They offer opportunities that address some of the comments in the survey results. The LM Clubs and Leagues button on our website provides a list of those open to our members, along with contact information for each -- Take a look. We will check to see if ULA has something similar.

5) We are going to open the Senior Luncheon to all members, with special recognition for Seniors. This year we hope to hold the luncheon at Pinehurst Country Club and to have a speaker from LM or ULA.

There were many calls for us to step up the timeliness and frequency of our communications, which we will do initially via more e-mails. We are sensitive to the fact that we all get more e-mails than we need, so we will try not to overdo it. There is always the handy unsubscribe feature if you choose. This year, when you renew your membership, make sure we have your latest, correct, e-mail address, and indicate your preferences regarding the receipt of e-mail and whether you want your address posted to the website.

Another common feedback item was a request for the inclusion of names on our pictures in the STAR. We did our best on the Holiday Luncheon – I hope you appreciate the effort and forgive any errors!

As we go forward into 2019, we will continue to implement ideas that we think will improve MARS Associates. We will explore ideas with our contacts at LM and ULA executive management to improve communication and outreach to potential retirees. Current policy at both companies prohibits providing a list of retirees, but both companies are very happy to cooperate in any way to make our information available during the retirement process. I hasten to add, though, that based on the survey results, it is clear that old-fashioned networking among friends is a major way to spread the word and encourage new members to join MARS. The personal touch cannot be beat! And as an added incentive, we are extending for 2019 our offer of a free first year membership for new members.

We will seek more opportunities to use speakers from the companies to keep us current on their business goals and successes. We will work to build a two-way value proposition with the companies by providing volunteers to support events at their facilities, whenever requested. And we will continue to highlight other volunteer opportunities currently supported by MARS members – be sure to check out Larry Stearns' article on the Denver Museum of Nature and Science in this issue.

I am excited about these and other new endeavors for the upcoming year. I hope you are too!



President Elect

By Dick Sosnay
(richardsosnay@gmail.com)

There are a couple of subjects that I wanted to share with you-all in this issue of the MARS STAR, 1) including informal groups of retirees that many of you belong to, and 2) the subject of first year free membership in MARS.

There are several informal retiree groups that meet throughout the year. While many of the attendees of these groups are members of MARS, the groups

themselves are not a part of MARS. In the interest of communicating with LMC and ULA retirees, we thought it might be of value to let our MARS members know about these groups, both to see if any MARS members might have interest in meeting with other LMC and ULA retirees, and to ensure that retirees attending those get-togethers are aware of our MARS Association, its activities and benefits we offer. For example, some of the propulsion retirees meet for lunch once a week. Retirees who worked on the ASAS program over the years get together for lunch every other month and during the holiday season, the group organizes a potluck lunch open to former ASAS workers and spouses. And the Skylab Thermal ECLS group gets together once in summer and once in winter for lunch. If you are a member of any retiree groups that meet occasionally and would like to have those meetings advertised to the MARS Association, please contact me with your group identification, when and where you meet, and a contact point. I will assemble the data, and we will publish that in our next MARS STAR. If there is sufficient interest, we will also consider putting that information on the MARS website.

Last year, your MARS officers and BOD decided to try a marketing initiative that offered the first year of MARS membership free to new members in 2018, to see if that might induce more new retirees to join. We have since decided to continue the initiative into 2019 and hope to gather more data to tell us how effective the initiative has been. In order to start the data collection process, I solicited feedback via e-mail contact with 2018 new members. Out of the 87 new members who provided an email address, I received 21 responses -- a 24% reply percentage. Out of those responses about 50% said the free offer helped a little or a lot in getting them to join, 25% said it made no difference, and 25% did not address the issue. In addition, I also asked them if they had any other ideas to help solicit other new retirees to join. There were 4 general themes in the answers, including: a) provide more activities for those retirees outside the Denver area, b) personal contact with existing MARS members helped convince them to join, c) several felt that LMS and UAL did not provide enough information about MARS in the time leading up to their retirement, and d) several felt that more modern communication methods might help younger retirees to join MARS. These comments reflect much of what we received in feedback from the surveys that were sent out in this last year, as discussed by Dan Ellerhorst in the President's section of this MARS STAR. We certainly appreciate the feedback received from all members, and the MARS officers and BOD will continue to address many of those issues in 2019.

Communications



Mike Carroll
(mjcarroll78@gmail.com)

No article submitted for this issue.



By Don Purkey
(don.purkey@comcast.net)

Director's Notepad

First, I would like to thank those MARS members that have volunteered to participate in the MARS leadership and website group. We are having some success but we still have immediate need for more volunteers. We have openings for our "In Memoriam" volunteer and for Vice-President of Membership in order to start 2019 with a full complement of staffing. We have a basic write-up and an estimate of the time required for each position that we can provide to any interested member. We also offer an open invitation to interested candidates to attend one of our officer and director meetings. If you are interested in these positions, please call me or email me (303-973-0059 or don.purkey@comcast.net). You may also contact any other Officer or Director to express your interest.

If you are not ready for one of our current open positions, we would like to encourage you to let us know of your possible interest for the future. The 2020 slate of open positions is part of our Board of Directors responsibilities for MARS succession planning. I would emphasize our need for filling these future positions with motivated MARS members and to using our diversity in enhancing the organization and our services. We have exciting plans for 2019 and the future but we need your help.



Activities Updates

By Linda Duby
(lindaduby@comcast.net)

I hope everyone had a great holiday season and that you are looking forward to the new year!

MARS events were very successful in 2018 with the last event being the Holiday Celebration at Pinehurst Country Club on December 5. We had 197 members and their guests attend along with two Marines representing Toys for Tots. Pinehurst again did a great job with the food and service. The staff at Pinehurst is always very good to our organization and very accommodating to special requests.

I want to personally thank Larry Stearns for taking the great pictures at the Holiday Celebration. Please check them out in the back of this STAR!

Our next event is the Annual Meeting. This year the Annual Meeting will be held on March 13, 2019. It will be at Pinehurst Country Club and the flyer is included in this edition of the STAR.

The next events are the Senior Luncheon on July 10, 2019 and the MARS Day at the Rockies on July 31. We are still in the planning stages of some events, so more information will be in the next STAR.

Happy 2019 to everyone!



Business

By Sherry Vargo
(shervargo@comcast.net)

Future Informational Seminars and/or Presentations

Our MARS President (Dan Ellerhorst) recently compiled all the suggestions from the surveys that were received from our MARS members. There were a lot of members asking for more presentations and informational seminars like the Alzheimer's sessions that we provided in 2018. I volunteered to help get this started with maybe 2 or 3 a year for our membership. These informational seminars can be anything that would be of interest to our members or provide information that would be helpful during our "retirement" years. If you have any suggestions and/or ideas or interested in coordinating one of these presentations, please email me at shervargo@comcast.net. To get this started, we have already planned the first one (see below).

Medicare101 Presentation for MARS Members

In March, we are offering a Medicare presentation by one of our long-time healthcare representatives, Noushin Hornbuckle. Noushin was a Medicare representative for Kaiser for many years and more recently for Aetna and has given many of these presentations. If you are approaching the Medicare age of 65 and have questions or are confused, this presentation is for you. There is a flyer attached in this STAR that provides more details. The Medicare101 presentation will be on March 19th, 10 am to noon at the Red Rocks Credit Union Corporate office. It is free but you **must RSVP per the instructions on the flyer**. The room will accommodate up to 45 attendees. So, sign up soon!

Delta Dental Plan Effective Sept. 2019 – Aug. 2021 Upgrade

I am currently working with our representatives at Assured Partners to add "Implants" to the new Delta Dental contract that will be for the period 9/1/19 to 8/31/21. Watch for my write-up in the April STAR for more details and information.

Colorado Alzheimer's Association

I would like to pass on some helpful information regarding getting help if you are a caregiver or have a loved-one that has been diagnosed with Alzheimer's. The Colorado Alzheimer's Association offers many classes on all aspects of Alzheimer's, many different services such as Legal & Financial Planning for Alzheimer's and support groups of all kinds FOR FREE. They even offer Lewy Body and Parkinson's Dementia Caregiver support group sessions. All of these classes and support groups are offered across the Denver and Denver Metro areas monthly. If you would like to sign up for any of these services or just need information, call 800-272-3900 or go to www.alz.org/co.

Membership Report

By Linda Stearns
(linda80120@comcast.net)



My term as Vice President of Membership ends in March, 2019. We are looking for someone who would like to be the new VP for Membership. This position is critical to MARS Associates' continued function! Manage the Excel database of members and provide the address labels for the MARS STAR mailings and nametags for events. Attend monthly officers' breakfast meetings and club social events.

I will provide all the back-up support and "how-to" for whoever wants to be part of the leadership of our club. Contact Don Purkey at email don.purkey@comcast.net or call 303-973-0059 for more information.

MEMBERSHIP STATISTICS

As of January 1, 2019, there are 1,393 MARS Associates members, which includes 740 seniors.

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

Colorado

- Castle Rock Wm. Brian & Nancy Boehler
David & Jane Kampsnider
- Centennial Mary Burton
Debra Lenzotti & Sidney Carlisle
Barry & Josefa Smith *
Dan & Karen Westhoff
- Colorado Springs Gabriel & Teresa Mejillas
- Highlands Ranch Diana Belfiore-Martinac & Richard Martinac
Michele & Garrett Olson
- Lakewood Judy Eberley
- Littleton Susan & John Boettcher
Roy McGown *

Other States

SOUTH DAKOTA

Custer Randall &
Cathleen Torkelson

TEXAS

Colleyville Jack & Angela Crisler

WASHINGTON

Port Orchard Kelly & Debbie Stoddard

WISCONSIN

Pleasant Prairie Peggy Peck *

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 as of March 1) 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. The U.S. Postal Service may not forward standard mail and MARS is charged for all returned mail and address change notices from USPS. ***Labels for mailings are prepared two weeks before the mailing date posted on the website MARS STAR page.***

"Snow Bunnies" remember to let us know when you will travel to your seasonal residence! Where your STARS are mailed depends on you keeping us informed—standard mail is not forwarded for temporary address changes. Thanks!

In Memoriam Data

Please contact Bev Baugher (bevbaugher@earthlink.net) with any information regarding the passing of a member or their spouse. We want to make sure their passing is acknowledged in the ***In Memoriam*** section of the STAR. Each year, MARS Associates makes a donation to a charity in memory of our deceased members.

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 in the In Memoriam section.

Members

Callow, Robert "Bob" J. (D: May 2018)
Denver, CO
<https://tinyurl.com/yamyz2y5>

Emerson, Jean L. (D: November 2018)
(Survived by George W. Emerson)
Littleton, CO
<https://tinyurl.com/y9qpt2ze>

Floyd, Grafton "Gram" R. (D: October 2018)
(Survived by Magdalena Day)
Aurora, CO
<https://tinyurl.com/yaby3htk>

Lee, Michael "Mike" L. (D: November 2018)
(Survived by Glennys Lee)
Littleton, CO
<https://tinyurl.com/y7pdskge>

Merschel, Carol R. (D: December 2018)
(Survived by Richard P. Merschel)
Lakewood, CO
<https://tinyurl.com/y9vx2lhh>

Paul, Thomas "Tom" R. (D: October 2018)
(Survived by Edna Paul)
Lakewood, CO
An obituary was not published.

Peterson, Barbara J. (D: October 2018)
(Survived by Melvyn "Mel" R. Peterson)
Arvada, CO
<https://tinyurl.com/y8eclp29>

Peterson, Kathryn "Kathy" A. (D: October 2018)
Littleton, CO
<https://tinyurl.com/y9zwko2z>

Porter, Lael F. (D: November 2018)
(Survived by Ralph E. Porter)
Lakewood, CO
<https://tinyurl.com/ycgoqg9k>

Schaeffle, Alan "Al" L. (D: November 2018)
Cocoa Beach, FL
<https://tinyurl.com/yakp644s>

Ullmer, Joseph K. "Sparky" (D: November 2018)
(Survived by Mary M. Ullmer)
Denver, CO
<https://tinyurl.com/yap2fxmh>

Non-Members

Borgstrom, Michael (D: November 2018)
Claremore, OK
<https://tinyurl.com/yd6mvczi>

Camp, Richard "Dick" A. (D: December 2018)
Littleton, CO
<https://tinyurl.com/ybaw8frk>

Cornell, Darrell James "Jim" (D: October 2018)
(Survived by Helen Cornell)
Centennial, CO
<https://tinyurl.com/ycck7zxm>

Dettmer, James Ray (D: October 2018)
Centennial, CO
An obituary was not published.

Hardy, James P. (D: October 2018)
(Survived by Sally Lee Hardy)
Franktown, CO
<https://tinyurl.com/ybhvcxe6>

Ritz, Ronald "Ron" G. (D: October 2018)
Littleton, CO
<https://tinyurl.com/yb3pboxh>

Zionic, Gerald "Gerry" A. (D: September 2018)
Castle Pines, CO
<https://tinyurl.com/ybmdlu5l>



Colorado goes to Mars again
By Diana (Petra) Perkins

Colorado-built Mars INSIGHT lander successfully lands on the plains of the Red Planet. Reprinted with permission from The Colorado Independent (www.coloradoindependent.com)



INSIGHT spacecraft in the clean room at Lockheed Martin. (Photo credit: NASA/JPL-Caltech/Lockheed Martin)

May, 2018 — *Why* would you do that?" my son, Mike Surline, asked. "A long way to go, to see something that lasts only seconds."

Yes, why? I'd just told him that I had traveled from Denver to Vandenberg Air Force Base, California, to witness the launch of his battery — the *INSIGHT* spacecraft battery he managed and tested — to Mars. He just didn't get it.

"Your dad helped build the first Mars lander, Viking, y'know," I said. "You were born while Terry was on the Viking project."

Terry Surline had become an Air Force engineering manager for the NASA Titan rocket program before returning to Lockheed Martin as a civilian. He was part of the famous Viking mission, a Colorado-based Martin Marietta aerospace project that landed the first successful robot on Mars in 1976.

"Later, when we moved from Denver to Vandenberg you were in pre-school," I explained. "Terry was a countdown manager on the Titan rocket program. Now, here you are — a technician who makes batteries at the same aerospace company your dad worked for. Your battery will power the *next* Mars robot. How cool is that? So, I have to see it, see it safely off the earth ... see?"

Besides his dad (who died when Mike was 15), Mike's family includes several "rocket scientists" — his step-dad who also worked on Viking, his uncle on Mars Reconnaissance Orbiter (another Colorado project) and me, his mom, an engineer on satellite programs.

Although our family had built and launched model rockets for fun, I think Mike was a little surprised when I recently built a 3-stager that flew up from a Bear Creek field to 2,000 feet above ground. It deployed like a perfect ULA (United Launch Alliance) rocket.

ULA, whose headquarters is in Centennial, Colorado, built the Atlas V rocket that would propel *INSIGHT* to Mars. This would be the very first Mars-bound rocket to take off from Vandenberg. (Until now, all planetary rockets have gone from Cape Canaveral, Florida.)

When Mike was six, we visited a real Titan III-C, on its launchpad, not yet loaded with hypergolic fuels but nearly ready for launch. The tour was to let families see what their fathers or mothers had been working on for weeks, 24-7. The size of the vehicle shocked me – fifteen stories tall, and a daunting number of wires/tubes/cables. We formed a line to walk past, staring up the towering structure. When no one was watching, I popped out of line briefly to touch it. I'd always wanted to touch something that would go to outer space, or at least "as far as we can go".

Hours before the launch of *INSIGHT* (acronym: Interior Exploration Using Seismic Investigations Geodesy and Heat Transport) — This was my first night launch. I arrived at the meeting site at 2 a.m. with my backpack that held two cameras and binoculars. I'd garnered a press pass — also a first for me — and was feeling grateful to be among journalists representing countries in the Mars alliance: England, France, Germany, Switzerland and the U.S.

After guard dogs inspected our packs the military personnel escorted us onto a bus. Off we traveled to the viewing area where I was primed to see "Mike's rocket" on the launchpad. As the bus climbed a spooky mountain road we traveled through patches of fog and it was then I remembered: Vandenberg's nickname was *Vandenfog*. But I dismissed even the possibility that fog would prevent us from seeing the launch, or worse, prevent the launch itself.

I remember taking Mike out of school to watch the launch of that Titan III-C, the one I touched. Although he'd heard many rockets blast off at Vandenberg, he'd not yet seen one. He loved the sound of dogs who would howl like crazy for about 15 seconds before we heard the engines roar. Pet and prairie dogs could detect sounds of ignition before our human ears did.

That morning when the dogs started yelping, Mike began jumping up and down, pointing toward the horizon, and there went "Daddy's rocket" over the Pacific Ocean. We were transfixed as it traveled its arc. With no one else on the beach, it was our scene alone. Mike said (thoughtfully, for a six-year old) "It's like we own this rocket." What he meant was, it was like we owned that *sight* of the rocket, which no one was sharing except a few prairie dogs. The image of it sailing over the ocean was ours to keep in our heads. It lasted only seconds and then it was gone, into the clouds, but our memories would last forever.

Upon exiting the bus, guards warned us not to trip over the edge of the cliff, a real possibility. I was astounded to step onto what could be the surface of the Red Planet (except for the red part). The scene was ghostly — bright lights shining on white expanses of rough gravel and rocky ridges — as if we'd landed from black outer space onto a foreign landscape.

On the bus I'd met journalist from the Armed Services of America who had come to write a story. She and I made our way across the gravel to seats which fronted the view of the launchpad. The Atlas five-engine rocket was out there, somewhere, in the dark night. We couldn't see the pad; we couldn't see *anything*. Occasionally we'd hear a voice over a PA system, broadcasting updates from Mission Control. Everything seemed nominal for launch.

"T-minus-thirty-minutes-and-counting."

My new friend, the writer from Armed Services of America, was interviewed by a Swiss TV reporter. She described how exciting this assignment was for her, how thrilling to report on a multi-country collaboration. Then the reporter invited me to be interviewed, too, and I told Swiss viewers that I had just arrived from Colorado where the spacecraft was made, where the rocket company was located. Then I told them the story about how father and son each worked on a Mars lander, the first in 1971 and this one, 2018.

The fog became thicker. About 150 journalists/photographers stood two hours in a line along the cliff, staring into black abyss. Cameras pointed at nothing definitive. Occasionally the fog would lift to reveal only hazy lights beyond.

My son touched this spacecraft. While waiting, I considered this fact. He touched the feet of the robot that would stand on Mars, 300 million miles from Earth. It would use its battery to drill deep into Martian soil, discovering more about its origin.

If it launched this night, May 5th, *INSIGHT* would land on Nov. 26, 2018. Tonight's launch was just the beginning — it must travel for over six months, then land safely. Humans would not see it touch down in real-time, however, because of an interplanetary 16-minute data transmission delay.

...“Propulsion: Go!” “Fuel: Go!” “Power: Go!” “Guidance: Go!” said systems managers, one by one. “*INSIGHT*: Go!”

“All systems are GO for launch!”

Finally, it was happening.

“10-9-8-7...” We counted in unison. “6-5-4...” We steadied our cameras. “...3-2-1.” We held our collective breath. Nothing. No barking dogs. We examined the whole sky. We groaned. Then it came, at last — the rumble. The ground vibrated. We scanned the vista — but no flashing lights, just endless shadow. “One mile downrange,” said a voice. A mile downrange? We’d seen nothing. Everyone’s shoulders and smiles dropped simultaneously. Except mine. I didn’t need to see it after all — it was working! From what I heard over the PA, it was a successful launch, nominal, A-OK.

Atlas V carried *INSIGHT* to leave the earth. They left the earth.

Did anyone besides me cry (in ecstasy)? Probably Emily, an engineer I interviewed from NASA’s Jet Propulsion Lab. She had worked on the program for a year, was ecstatic, and was planning to monitor the spacecraft’s vitals for the next six months as it soared to Mars.

When the battery powers *INSIGHT* to touch down today around 1 p.m., MDT, we won’t be able to see it in real-time because of an inter-planetary data transmission delay. But we will ‘see’ it 16 minutes later. Tune in online, or on the [NASA TV channel](#), and witness the work of thousands of Coloradans in action.

Diana (Petra) Perkins is a retired aerospace engineering manager at Lockheed Martin and now a Colorado author. www.petrapetra.com



VOLUNTEERING WITH DENVER MUSEUM of NATURE & SCIENCE (DMNS)

By Larry Stearns

For more than 15 years, I have volunteered at the DMNS — specifically the Space Odyssey exhibit. There are MANY other opportunities that involve a variety of disciplines:

- Prehistoric Journey — introducing guests to creatures of the distant past
- Expedition Health — showing how our bodies work and develop as we age
- Ambassadors — showing guests how to navigate their way to exhibits and facilities
- Research and Collection — involves specimen conservation, education, zoology, etc.
- Temporary Exhibits — The newest upcoming exhibit will feature Leonardo da Vinci but past exhibits have included Body Worlds, Titanic, Engineer-It, Sherlock Holmes, the weather... In other words, there are a wide variety of topics that will expand your horizons.
- Space Odyssey — highlighting the wonders of astronomy, space travel/exploration

A quick review of staffing showed 24 Lockheed Martin volunteers supporting one or more of these areas. They are part of nearly 1800 volunteers that provided 225,000 hours of service in 2017. While most volunteers have a direct interface with the public, MANY are behind the scenes doing both technical and/or non-technical tasks.

So, what do we do in Space Odyssey? We demonstrate how spectroscopy works by showing what the planets, moons, and stars are made of and why scientists believe that the universe is expanding. To show guests what falls from space, we have meteorites that guests can hold in their hands. We demonstrate how gravity works based on the Einstein theory. There is an Experiment Bar to show the relative weight/mass of the planets; show the effects of a vacuum in space; and work with “cubelets” to make robots that can perform simple tasks... There is a “Visitor Center” where guests can talk to a working astronaut on Mars in the year 2047. There are ping-pong ball “stars” hanging from the ceiling that are at just the right height and distance from the sun to show you why the Big Dipper can be seen in our night sky. From the sky terrace, you can oversee the safe use of solar viewing telescopes. There’s a chance to be the

pilot of a space shuttle – your job: dock the shuttle to the space station. And, my favorite, the Science on a Sphere that has hundreds of programs that feature images of the planets and their moons, earthquakes, plate tectonics, earth weather, world-wide air traffic, and the effects of climate, population, and animal migration.

Not experienced? **The key is interest!** -- training is provided. My Monday AM group is made up of retirees from Lockheed Martin/ULA, Public Service (now XCEL Energy), teachers, secretaries, and even a heart surgeon. Ages range from high school and college students to seniors well into their 80's (and 90's!!!).

There are two shifts/day -- 8:30 to 1:00 and 12:30 to 5:00. Some work every week; some work bi-weekly... There's even a very flexible "Ready on Arrival" option that allows you to select your shifts from a pre-determined list of Museum needs... the point being that it's flexible. There are even those who work from home! Need more encouragement?... They have annual Volunteer Appreciation events with free food. Finally, volunteers also receive benefits which usually include free or discounted access to exhibits, educational programs, and lectures. Come join us, it's fun!

For more information, including options that I haven't mentioned, checkout the website: <http://DMNS.org/join/volunteering> or contact Noelia Aponte-Silva at 303-370-6490

CQ CQ CQ CALLING ALL RETIRED LMCO SPACE SYSTEMS RADIO AMATEURS

By: Maury Shumaker

Many LMCO Space Systems Company retirees are hams who are still or would like to be active. You can continue active operation, even if you live in an apartment, condo or deed-restricted residential area, by using Voice Over Internet Protocol (VOIP) with an application such as CQ-100. This app not only provides the means to communicate by voice but also code (CW), as well as passing JPEG photos. This is an excellent way to keep in contact with former associates around the country. A screenshot of the simulated single sideband HF transceiver that is the basis of CQ-100 is shown below.



This approach provides interference-free communication without the propagation fading associated with actual over-the-air communication. Go to URL <https://qsonet.com/> to download the transceiver application as well as its sister application, QSO-TV. There is a thirty-nine dollar (\$39.00) annual fee following a 30-day free trial period. The user must have a current amateur radio license and must provide a copy to QsoNET following the instructions provided.

Is anyone interested in joining an informal rag chew net using this approach and if so, how often, i.e., daily, weekly, bi-weekly, monthly or whatever? If you are interested, please email me at my ham e-mail address w4hyb@arrl.net (or Dan Ellerhorst at dan.ellerhorst@gmail.com) and indicate your preferences with your call sign, name and email address. We will go from there once the level of interest is known.

73 and 88, Maury Shumaker, W4HYB

Historian's Corner

No article submitted for this issue.

Bridge Club

By Dave & Kathy Martz
(martz20@comcast.net)

No matter where I go, I can always make new friends at the bridge table.
- Martina Navratilova

December was our year-end party and everyone had a grand time.

Come join us for 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 required items for the games. We also provide coffee, tea, and hot water. 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).

We have couples, as well as singles, playing. If you're a single, invite a friend to be your partner, as your partner does not need to be a member of MARS to play.

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 4th Quarter 2018 winners are as follows:

October 19 (2 tables)

1st – Curt & Phyllis Brudos

2nd – Theodore Bornhoeft & Jerry Baab

3rd – Dave & Kathy Martz

4th – Ed & Laurie Bock

November 16 (3 ½ tables)

1st – Bill & Mavis Kacena

2nd – Bart & Diane Wright

3rd Tied – Ed & Laurie Bock

3rd Tied – Curt & Phyllis Brudos

December 21 (4 ½ tables)

1st – Dave & Kathy Martz

2nd – Loman & Pat Park

3rd Tied – Theodore Bornhoeft & Jerry Baab

3rd Tied – Mike Davis & Mary Stirling

Dinner Club

By Becky and Gary Englebright
(Englebright@Earthlink.Net)

and

Anita and Roy Kannady
(AnitaKannady@Yahoo.Com)

We have scheduled the next set of monthly lunches for the first six months of 2019. Attendance remained steady last year, but we generally have had room for additional reservations at most venues. Please remember that venues have attendance limits, so you should make your reservations sooner than later, if you wish to attend.

The Restaurants for January ~ June 2019 are:

January 14, 2019 ~ Chinook Tavern (Greenwood Village)

February 11, 2019 ~ Maggiano's (Englewood)

March 25, 2019 ~ Imperial Chinese (Denver)

April 16, 2019 ~ Los Dos Potrillos (Littleton)

May 20, 2019 ~ Zest (Denver)

June 18, 2019 ~ Hilton Denver Inverness Garden Terrace

If you have a suggestion for a new venue please let us know by email (Englebright@EarthLink.Net) or by phone 303-973-4062 (please leave a message if no one is home). We have received several comments this year about the price of the luncheons. Unfortunately, we are experiencing price increases that are starting to inch over our preferred goal of \$25. 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 reserve spaces for multiple Dinner Club events. Also, please include the name(s) of guest(s) and a good phone number where you can be reached in case of last-minute changes on the reservation slips. This will greatly simplify preparation for these delightful events. You will find the monthly luncheon information and reservation slips on the back pages of the MARS STAR.

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

We wish you a wonderful New Year filled with much Joy, Good Health, and Happiness.

And finally, we end on a culinary quote:
"ALL WORRIES ARE LESS WITH WINE"

Golf League

By Bo Rodriguez

(boandpat@comcast.net)

The 2019 MARS Golf League is just a couple of months away and our committee is underway planning our "kick-off" meeting to commence the season. Each year, we attempt to increase our golf league membership by encouraging men and **women** within MARS Associates to join.

Our golf league invites you to participate in our summer activities that begin on Thursday, April 4th 2019. Our league play will be each Thursday, exclusively at

Englewood's Broken Tee Golf Course. Our club's primary purpose is to realize a pleasurable golfing experience by promoting social interaction and friendly competition using the certified USGA handicap system. We are having our annual "Kick-Off" Golf Meeting on Thursday, March 7th, 2019 at the Broken Tee Golf Course grill (2101 W. Oxford Ave.) at 10:00 A.M. We hope you will attend this meeting as we will review our league's order of business and new 2019 rule changes imposed by the USGA. Many of these changes will enhance our enjoyment in the game of golf. You can find the 2019 Rules of Golf on our MARS website: www.marsretirees.org and click on "Golf".

Broken Tee Golf Course is an 18-hole championship course with some tight fairways and some small lakes to challenge the average golfer. It offers affordable golf rates (62+ non-resident \$25) which is hard to beat in the region. The great thing about our league, is that there aren't any up-front green fees; you only pay when you play. Come join us this season for fun and exercise! League members get "Happy Hour" prices on select bar beverages. If you have any questions regarding our golf league, please feel free to contact me at boandpat@comcast.net or at (303) 798-9157

See the attached flier in the MARS Star for more information.

Finally, I want to give my thanks and appreciation to several of our members who volunteered their time to make last year a success. Don Petermann served as our President and provided sound leadership; Duane Del Duca, Bob Bowe and Terry Graber did an outstanding job as golf event schedulers by pairing players and tee times and getting the lists sent out each week; Tom Ripper ensured that correct scores were posted each week so that we would have correct handicaps, and Tom Cooke kept our financial records accurate and current. A special thanks to Bob Knickerbocker for posting our weekly league results on the MARS website as well as keeping us informed on rules, bylaws and other points of interest affecting our league. To all of our golf members that served as co-chairs for each tournament event, thank you for finalizing the tee times each week and collecting the event results to determine the flight winners and prize money allocation.

As the 2019 golf league president, I'm looking forward to a successful season with all of you who join our league!



Photography Club

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



Photography Club Background

The MARS Photography Club's goal is to provide a meeting place for like-minded people interested in photography and photographic arts. Our informal club goal is to provide an educational opportunity and have fun improving our photography. Club members vary from beginners to advanced photographers.

The MARS Photography Club meets at the Littleton Bemis Library, located at 6014 S. Datura Street, in Littleton, Colorado, from 1:00 PM to 3:30 PM, in a downstairs meeting room. We normally meet the second Thursday of the month, with meetings scheduled in January, February, March, April, May, (no meetings June, July, August for summer vacation), September, October, and November. There is no regular meeting in December, as we have a Holiday Luncheon at a local restaurant.

Our meeting programs include educational presentations and travelogues with club members often answering photography/equipment questions you may have. Major changes and updates to club procedures and activities are discussed and then voted on by club members. Each meeting also includes a friendly print competition and selected winners appear on the MARS Retirees Website.

Meeting Highlights for October and November 2018

In October, *Cindy Amack* presented an insightful show on her trip to China that we all enjoyed. The following image is an example of one of her images of a section of the Badaling Wall.



(www.marsretirees.org , under [Photography Club](#)), to check for other upcoming programs.

You Can Become a Photography Club Member

Intrigued by our programs? You can easily become a member of the MARS Photography Club by just stopping by one of our meetings. We would love to have you be a part of our club. Membership is fun, and the only requirement is that you are a MARS Retirees member!

If you have any questions or comments, please contact *John Chapter*, our club President.



Hiking Club

By Sue Janssen
susan.g.janssen@gmail.com

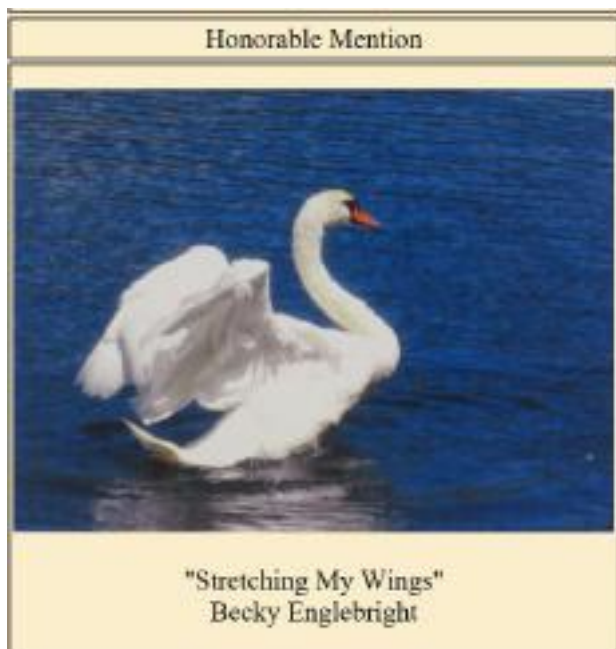
Despite the holiday rush we enjoyed quite a bit of hiking this last quarter! Ten hikes! Read below for the scoop.

On a nice Indian summer day Lenny Demchak lead eight members of MARS hiking group for a 5-mile stroll on the top of Spruce Mountain. The Douglas county open space trail near Palmer Lake has a short ascent to the top of the Spruce Mountain Mesa with sand stone rock cliff formations and views from Pikes Peak to the Flatirons. After the hike the several members retired to the Rockyard Brewery to enjoy food and beverage. Try their Jalapeno soup on cool day for a nice warm up.



View looking North from Spruce Mountain Trail. From Left to Right, Lenny Demchak , Jim Harbison, Jill Demchak, Mike Bartlett, Val Gregory, Sue Pawlowski, Sue McKaig and Andy Munoz. (Tom Pawlowski photographer.)

A picturesque competition image winner of a swan, from our October 2018 meeting, was by Becky Englebright.



Our November 2018 program was by *Larry Stearns* who treated us to beautiful and interesting sets of images from the Galapagos Islands. *Larry* also won the competition with his well composed image of a pair of tortoises.

Holiday Luncheon December 2018

In December 2018 we did not have a regular meeting, but we had a wonderful holiday luncheon at Cafe Jordano, an Italian restaurant in Lakewood. We had nineteen cheerful participants and a great time was had by all.

Upcoming Presentations

On January 10, 2019 Tom Frickell will present an educational program entitled, "The Photo Process of Stacking". Please go to the [Mars Retirees](#) website

The November hike fell on the day before Thanksgiving so members did a "virtual" hike. Sue and Tom Pawlowski encouraged members to get outside that week, wherever they were, and log a hike. Several

members participated: Kathy and Dan Kolega, Sue and Lee Janssen, Lenny and Jill Demchak, Mike and Sue McKaig, Bob and Linda Berry, Melissa Crowwhite, Tara O'Brien, and Sue and Tom Pawlowski. These members, along with 30 of their assorted friends and family, hiked in Colorado, Texas, Utah, Nebraska, and San Jose del Cabo in Mexico. We compiled a total of 115 miles, working off many slices of pumpkin pie!

Here is the breakdown:

Sue and Lee Janssen took three hikes in Summit County: one 2-mile hike along Montezuma road up Deer Creek and two 1.5 mile hikes on Oro Grande trail on Tenderfoot Mountain above Lake Dillon. Total = 10 hiker-miles.

Kathy and Dan Kolega and 4 family members went on a Katie Jackson trail and Spring Creek trail for about 4 miles in the Dallas, Texas area. Total = 24 hiker-miles.



Lenny and Jill Demchak made a 2-mile beach hike in San Jose del Cabo, Mexico. Total = 4 hiker-miles.



Mike and Sue McKaig went on a 3.9 mile hike on the day after Thanksgiving in Moab, UT - the Dinosaur Stomping Grounds Hiking Trail, as part of North Klondike

trails. They did indeed see many dinosaur tracks! Total = 7.8 hiker-miles.



Dinosaur tracks!

Bob and Linda Berry hiked 1.1 miles around Hine Like. It was a beautiful afternoon. They saw three bat boxes and lots of geese and ducks. Total = 2.2 hiker-miles.



Melissa Crowwhite enjoyed two hikes with family. The first was around the neighborhood to Redstone Elementary School in Highlands Ranch (where Edyn is in 5th Grade). They walked with three "four-leggeds" and played on the swings! Pictured are two of the dogs (Hawkins and Stoke--Harli snuck out of view), granddaughters Edyn and Kamdyn, daughter-in-law Erika, daughter Cheyenne, Melissa, and Chey's mother-in-law Sherry. They did a second, longer Thanksgiving

hike at the Bluffs Regional Park in Lone Tree. Granddaughter Kora joined them for the 2.7-mile-loop which had spectacular views of downtown Denver and the Front Range. From her home in Idaho, she has a fabulous view of the Grand Tetons! But it was wonderful to see Colorado's blue-blue skies and the Rockies! Total for 7 people = 18.9 hiker-miles.



Tara O'Brien hiked on Wednesday in Waterton Canyon, and saw a skunk! Total = 4 hiker-miles.



Sue Pawlowski arm-twisted Tom and 20 other family members to join her for the 2-mile Turkey Trot in Kearney, Nebraska. Certainly not as scenic as the other hikes, but they accumulated a total of 44 hiker-miles!



We usually do not hike in December, but Sue Janssen enticed members to join her for a pot-luck brunch and club meeting at her home, followed by an easy stroll along the Highline Canal. Fifteen members brought healthy salads, tasty pastries and yummy bacon-wrapped, grilled jalapeno peppers to complement the egg casserole provided by Sue. Then nine of us stepped outside to walk about 4 miles along the Highline Canal through Greenwood Village. It was a lovely December day with sun but a bit blustery.



Vicki Eberhardt, Dick Sosnay, Jill and Lenny Demchak, Mike Bartlett, All Sanders, Sue Pawlowski and Sally Sanders smile as they enjoy the warmth of our Colorado sunshine. (Photo by Sue Janssen)

One of the "10 essentials" for hiking is food. When on the trail, hikers should carry high-energy, nutritious, compact and light-weight snacks to sustain their energy. There are many off-the-shelf items like granola bars and trail-mix which are good options. Crisp apples are also a great choice as they pack better than a banana (ha-ha – ask me how I know). There are lots of recipes to be found online at sites such as www.backpacker.com or, for the gourmet, www.bonappetit.com. In any case – don't go hungry – bring along something, even if it is simply a Snickers® bar.

Dust off your snowshoes (or rent a pair) and join us this winter for a snowshoe. Hopefully we'll have a great snowpack soon. 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)

The news frequently talks about extortion scams. You can get phone calls about your computer software needing repair, about your friend or relative having been in an accident, or kidnapped. They'll tell you there's a warrant out for your arrest, or you're delinquent in responding to jury duty or income tax payment. The common thread for all of these is their demand for immediate payment, by wire transfer or credit card. In most cases the proper course of action is to simply hang up. These are scams – do not pay. If you feel threatened, you can report it to the police. You can also go to this website: <https://www.usa.gov/stop-scams-frauds>, and click on REPORT SCAMS AND FRAUD.

You are encouraged to access the MARS website, www.marsretirees.org, where you will find excellent information resources for MARS members. Here are the websites of the month from the last quarter.

Oct – Explore Deep Space at
exploredeepspace.com/deep-space-mission

Nov – View great illusions at
illusionoftheyear.com/cat/top-10-finalists/2018/

Dec – Listen to Old time Radio Programs at
archive.org/details/oldtimeradio

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: Duane "Smitty" Smetana, Al Butvidas, Bob Knickerbocker, Linda Stearns, Paul Bingham, and Jim Kummer (Webmaster).

Colorado Springs Lockheed Martin Retiree Group News

By Doug Tomerlin
(douginc@aol.com)

Our fall luncheon was held on November 16, 2018 in a private room at the Golden Corral Buffet and Grill in Colorado Springs. Approximately 75 retirees attended the luncheon and we were honored to have an officer and a director from MARS Associates attending the luncheon, President Dan Ellerhorst and Director Al Nemes. Dan made a presentation to provide information about the MARS Associates Retiree group. Dan and Al handed out MARS information packets to the group and discussed benefits with individual retirees.

A retiree from the group discussed a letter that he received from VIA Benefits and his experiences with attempting to obtain a new Health Reimbursement Arrangement (HRA) account. He stated, based on the letter he received, that he did not initially understand that the HRA was an account funded by Lockheed Martin that could be used by retirees and their eligible spouse who are covered by TRICARE for Life. He stated that he learned that the HRA could make payments to the retiree and their eligible spouse to offset certain medical expenses, prescription drug expenses, dental and vision premiums and Medicare part B premiums. Several other retirees stated that they did not understand this either and an open discussion took place. One attendee stated that if you are enrolled in TRICARE for Life and not receiving the benefits associated with a Health Reimbursement Account from Lockheed Martin, you can now enroll and receive those benefits. Retirees were requested to call VIA Benefits at 1-844-596-0460 to discuss their individual situation.

We welcome the following retirees who have joined the Colorado Springs Lockheed Martin Retiree Group since the last newsletter:

- Marty Bunker
- Steve Cutler
- Randy Parks

We are all deeply saddened by the passing of fellow retiree Dan Heseltine.

If you would like more information about the Colorado Springs Lockheed Martin Retiree Group or luncheons, please contact Doug Tomerlin at douginc@aol.com.

Cape Canaveral News

By Dick Olson
(Olsons5145@aol.com)

Luncheons

October -- Kind of a light turnout this month. Hope it didn't have anything to do with my failure to send out a reminder. I was/am having computer problems. Present were: Ken Hawes, Jimmy Weddle, Jerry Moskkovitz, Frank Indihar, Roger Wright, Ken Webb, Dave Kintigh, Walt Starkey, Don Anderson, Chris Hutchmacher, Roger Schmidt, Allen Ostendorp, Hal Castleton, and Danny Molina.

Want to remind everyone about our Old Car BBQ and Titan reunion being held Nov. 3rd at KARS Park. Will attach a flyer and be sure to pass on the word to the Titan folks. We are hoping for a good turnout.

November -- I think we had the smallest turnout ever for our November luncheon. Hope everyone was just staying home resting up for Saturday. Present were: Jimmie Weddle, Abe Smith, Bob Rodamer, Ken Webb, Roger Wright, Danny Molina and Ben Duesenberry who came in from New Mexico and bought lunch for everyone. Ben is in town for the Old Car BBQ and Titan Reunion on Saturday the 3rd.

We had a great turnout and great weather for the BBQ/Reunion this past Saturday. We fed about 400 people and had somewhere around 100 show cars. I would estimate that between 59 and 75 attended from the Titan Team. A good time was had by all but we weren't able to kill all four kegs -- but we tried.

Following is a group picture.



December -- Had a pretty good turnout today. Guess everybody was tired of Thanksgiving leftovers and were ready for BBQ. Present were: Larry Gleason, Ken Hawes, Jimmie Weddle, Frank Indihar, Cal Moser, Herbie Paugh, Bob Anderson, Ray Hall, Abe Smith, Bill Rhode, Roger Wright, Wendell McDaniels, Bob Rodamer, Bob Matschner, Danny Molina, Tom Savage, Kent Gunderson, and Allen Ostendorp.

Tom Savage had an update on Hal Penley and Chris Hutchmacher. Hal is at Jess Parrish hospital in Titusville having a rough time with his dialysis treatments and Chris is at an assisted living facility at 3545 Murrell Rd. in Rockledge. We wish them both well.

I would like to take a moment to reflect on the Cape Titan Team members we have lost this past year. No longer with us are Jeff Chapman, Gus Williams, Tom Malloy, Ken Brackin, Richard Roberts, Bob Klein, Fred Strickland, Don Skinner, Ida Guillory, Bob Stevens, Jerry Schiedel, John Harris, Bruce Cox, Al Schaeffle, and Alex Hanson. They are missed.

Recent Obituaries

Gerald (Jerry) Schiedel, 83, passed away on October 4th. Jerry was a Flight Controls Engineer in Ops back during the Titan IIIIE days.

John C. Harris, 89, passed away on Sunday following heart surgery. John had a long history on the Titan program, both here at the Cape and at Vandenburg. With Martin, John was an Engineer, Test Conductor, Launch Ops Manager, Activations Manager, and was the Cape Program Office Manager prior to his retirement.

Bruce William Cox, 56, passed away unexpectedly Tuesday October 30, 2018. Bruce had a very rewarding career with the Lockheed Martin's Titan program for 18 years.

Alan Lloyd Schaeffle, 89, died November 23, 2018. Al started at the Glen L. Martin Company in the early days of Titan in Denver as an engineer and prior to his retirement was the Director of the Titan IV Program.

Alex Michael Hanson, 53, passed on 3 December surrounded by his family.

Harry Richard (Hal) Penley, 62, passed away on 10 December. Hal worked in the PACE and PAGE computer systems located in the VIB.

Harry M. Armer, Jr., 77, passed away on December 15. Harry was an engineer with General Dynamics on the Centaur upper stage when we flew it on the Titan IIIIE Program. After Martin bought out GD, he worked again as an engineer on the Centaur as the upper stage of the Titan IV before going back to the Atlas Program as Launch Director.



Lockheed Martin (LM) News

Lockheed Martin and NASA JPL Successfully Land on Mars

NASA has a new spacecraft operating on the surface of Mars. This afternoon, the InSight Mars Lander, which was designed, built and tested by Lockheed Martin (NYSE: LMT), navigated the dramatic entry and descent through the Martian atmosphere and touched down on Elysium Planitia in the equatorial region of Mars. Lockheed Martin is the prime contractor responsible for the complete spacecraft system – cruise stage, aeroshell and the lander itself. Mission management and navigation were handled by NASA Jet Propulsion Laboratory (JPL) and spacecraft operations were performed by engineers at Lockheed Martin Space's Mission Support Area in Littleton, Colorado.

At 12:47 p.m. MST, onboard software commands, developed by Lockheed Martin, fired six separation nuts and jettisoned the cruise stage of the spacecraft while it was 78 miles above the surface. That started a series of events that took the spacecraft through six different configurations and from a speed of 12,300 mph to a gentle touchdown on the surface. The data signal confirming the spacecraft had successfully landed was received on Earth at 12:52 p.m. MST.

After landing, the spacecraft waited approximately seven minutes to use its X-band small deep space transponder to send a tone confirming the health of the spacecraft. Then, 25 minutes after that, the lander deployed its two solar arrays, with a width of 19 feet, 8 inches, to begin recharging the spacecraft's batteries

Two NASA orbiters, Mars Reconnaissance Orbiter (MRO) and 2001 Mars Odyssey, were also involved in this historic mission. MRO received and recorded InSight data during its journey to the surface, and will send it back to Earth later today. Both MRO and Odyssey will provide UHF relay during the entirety of the InSight surface mission – Odyssey in the morning and MRO in the afternoon. Both MRO and Odyssey spacecraft were built by Lockheed Martin and both are operated for JPL by the company.

JPL manages InSight for NASA's Science Mission Directorate. InSight is part of NASA's Discovery Program, managed by the agency's Marshall Space Flight Center in Huntsville, Alabama. Lockheed Martin Space in Denver built the InSight spacecraft, including its cruise stage and lander, and supports spacecraft operations for the mission.

Lockheed Martin Selected for NASA's Commercial Lunar Lander Payload Services Contract

Lockheed Martin (NYSE:LMT) will apply its expertise in interplanetary spacecraft to a new program designed to deliver commercial payloads to the surface of the Moon. NASA announced today they have selected Lockheed Martin's McCandless Lunar Lander to provide payload delivery services as part of the agency's Commercial Lunar Payload Services (CLPS) contract.

Lockheed Martin's lander design builds on four decades of experience engineering deep space missions, including Mars landers. The McCandless Lunar Lander is based on the proven design of the [InSight lander](#) – which just [touched down](#) on the Martian surface on Monday, Nov. 26 – and the Phoenix lander – which successfully arrived at Mars in May 2008.



Lockheed Martin McCandless Lunar Lander

The McCandless Lunar Lander is capable of transporting large payloads weighing hundreds of kilograms – including stationary scientific instruments, deployable rovers, or even sample return vehicles – to the surface of the Moon. The lander uses a proven propulsive landing approach that relies upon on-board radars and a set of rocket thrusters firing 10 times a second to slow to just five mph before touching down. Once on the lunar surface, the lander can provide power, communications and thermal management for sophisticated payloads.

The McCandless Lunar Lander is named in honor of the late [Bruce McCandless](#), a NASA astronaut and longtime Lockheed Martin employee who was a pioneer in space exploration. McCandless is best known for conducting the first ever untethered spacewalk using the Lockheed Martin-built Manned Maneuvering Unit during a flight on the space shuttle. He originally joined the astronaut corps during the Apollo program and served as the voice of mission control for Neil Armstrong's famous moonwalk. After retiring from NASA he was instrumental

in the design of exploration technology and training the next generation of planetary explorers during his tenure at Lockheed Martin.

Lockheed Martin Creating Up To 550 Jobs in Jefferson County

Lockheed Martin Space is relocating portions of its production for the Navy's Fleet Ballistic Missile (FBM) program to its headquarters in unincorporated Jefferson County. The project will relocate portions of the program's manufacturing capabilities as well as engineering positions across all disciplines. Lockheed Martin (NYSE: LMT) is actively pursuing local talent to staff a number of these key roles primarily in systems, electrical, and mechanical engineering, project management and business operations.

Jefferson County Economic Development Corporation (Jeffco EDC) worked on the expansion project in partnership with Jefferson County and the Colorado Office of Economic Development and International Trade.

"We appreciate the continued support from our partners at Jefferson County EDC and the Colorado Office of Economic Development and International Trade. We are thrilled to expand our presence in the community and are eager to add exceptional, local talent to the Lockheed Martin team. The Fleet Ballistic Missile program is a critical component of our nation's strategic deterrent and working in close partnership with the Navy we remain committed to solving their most complex mission needs," said Eric Scherff, vice president of Navy strategic programs at Lockheed Martin.

About the Fleet Ballistic Missile (FBM) Program – Lockheed Martin has developed, built and sustained six generations of submarine-launched ballistic missiles under the FBM program. The current generation of missiles, designated Trident II D5 are carried aboard the U.S. Navy's Ohio-class submarines and make up the sea-based leg of the nation's nuclear triad. They are also carried aboard the United Kingdom's Vanguard-class submarine as their nation's sole nuclear deterrent. Lockheed Martin's contribution to the FBM program has been anchored in Sunnyvale, California, since its inception more than 60 years ago.

Recently, the company broke ground on its new Gateway Center, which will be a \$350 million 266,000 sq. ft. state-of-the-art satellite production facility. Upon completion, Lockheed Martin will have 3.5 million square feet of production, engineering, testing and office space at its 5,400-acre Waterton Campus, making Jefferson

County home to one of the largest satellite manufacturing centers in the world.

You Are Here: First Lockheed Martin-Built Next Generation GPS III Satellite Responding to Commands

At approximately 12,550 miles (20,200 km) up... turn left. You have arrived at a new era for the Global Positioning System (GPS).

A major milestone in the U.S. Air Force's plan to bring new technology and capabilities to the GPS constellation, the first Lockheed Martin (NYSE:LMT)-built [GPS III satellite](#) began "talking" with engineers and operators from ground control, as planned, following its successful launch this morning.



GPS-III-SV01-10-On-Orbit

GPS III Space Vehicle 01 ([GPS III SV01](#)) is now receiving and responding to commands from Lockheed Martin's Launch and Checkout Center at the company's Denver facility. Air Force and company engineers declared satellite control signal acquisition and rocket booster separation about 119 minutes after GPS III SV01's launch. The satellite lifted off from Cape Canaveral Air Force Station, Florida aboard a SpaceX Falcon 9 rocket at 8:51 a.m. EST.

GPS III SV01 is the first of an entirely new, next generation [GPS satellite](#) designed to modernize the GPS constellation. GPS III has three times better accuracy and up to eight times improved anti-jamming capabilities. Spacecraft life will extend to 15 years, 25 percent longer than any of the GPS satellites on-orbit today. GPS III's new L1C civil signal will also make it the first GPS satellite broadcasting a compatible signal with other international global navigation satellite systems,

like Europe's Galileo, improving connectivity for civilian users.

Once declared operational, GPS III SV01 is expected to take its place in today's 31 satellite strong GPS constellation, which provides positioning, navigation and timing services to more than four billion civil, commercial and military users. The Air Force nicknamed the satellite "Vespucci" after Italian explorer Amerigo Vespucci.

"In the coming days, GPS III SV01 will use its liquid apogee engines to climb into its operational orbit about 12,550 miles above the earth. We will then send it commands to deploy its solar arrays and antennas, and begin on-orbit checkout and tests, including extensive signals testing with our advanced navigation payload provided by Harris Corporation," said Johnathon Caldwell, Lockheed Martin's Vice President for Navigation Systems.

Air Force and Lockheed Martin engineers are controlling GPS III SV01's launch and checkout test using elements of the GPS Next Generation Operational Control System (OCX) Block 0. Satellite control and operations are expected to shift to the Air Force's current Operational Control Segment when GPS III Contingency Operations upgrades are fully implemented later this year.

GPS III SV01 is the first of 10 GPS III satellites originally ordered by the Air Force. GPS III SV03-08 are now in various stages of assembly and test. In August, the Air Force declared the [second GPS III "AFL"](#) and, in November, called GPS III SV02 up for a 2019 launch.

For additional GPS III information, photos and video visit: www.lockheedmartin.com/gps.

United Launch Alliance News

50th Launch for the U.S. Air Force

Cape Canaveral Air Force Station, Fla., (Oct. 17, 2018) – A United Launch Alliance (ULA) Atlas V rocket carrying the fourth Advanced Extremely High Frequency (AEHF) mission for the U.S. Air Force lifted off from Space Launch Complex-41 on Oct. 17 at 12:15 a.m. EDT. The launch of AEHF-4 marks ULA's 50th launch for the U.S.

Air Force; ULA's first Air Force mission was Space Test Program-1 (STP-1), launched March 8, 2007.

"Over the past 12 years, the men and women of ULA have reliably delivered dozens of Air Force payloads into orbit from GPS to WGS, and SBIRS to AEHF," said Gen. Jay Raymond, commander of Air Force Space Command. "ULA's unprecedented 100 percent launch success has directly contributed to our national security. Congratulations to the entire launch team on a successful 50th launch for the U.S. Air Force."

This mission launched aboard an Atlas V Evolved Expendable Launch Vehicle (EELV) 551 configuration vehicle, which includes a 5-meter large Payload Fairing (PLF) and stands at 197 ft. tall.

Producing more than two and a half million pounds of thrust at liftoff, the Atlas V 551 configuration rocket is the most powerful in the Atlas V fleet. The 551 rocket has launched groundbreaking missions for our nation—from the critically important Mobile User Objective System (MUOS) constellation to historic science missions including New Horizons, the first mission to Pluto, and the Juno mission to Jupiter.

The AEHF system, developed by Lockheed Martin, provides vastly improved global, survivable, protected communications capabilities for strategic command and tactical warfighters.

AEHF-4 is ULA's eighth launch in 2018 and 131st successful launch since the company was formed in December 2006.

ULA's next launch is the NROL-71 mission for the National Reconnaissance Office on a Delta IV Heavy rocket. The launch is scheduled for Nov. 29 from Space Launch Complex-6 at Vandenberg Air Force Base, California.

For more 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).

MARS ASSOCIATES GOLF
LET'S TEE IT UP AT
ENGLEWOOD'S BROKEN TEE GOLF COURSE

League play every Thursday April 4th thru October
weather permitting



- ✓ Weekly Prize Money
 - Closest To The Pin
 - Low Net Winners per Flight(s)
- ✓ Certified USGA Handicap System
 - USGA-CGA-CWGA Recognition
 - Annual Golf Registration, Club and User Fees - \$75.00
- ✓ End of Season Most Improved Player
- ✓ Pay As You Play (Regular Weekly Green Fees +\$5 Prize Money)
- ✓ Annual Championship Tournament
 - Pays Low Net Winners
 - Medalist Trophy to Low Gross Player

Kick Off Meeting On March 7, 2019
10:00 A.M.

ENGLEWOOD'S BROKEN TEE GOLF COURSE
2101 West Oxford Ave.
Englewood, Colorado

R.S.V.P.

To Bo Rodriguez

boandpat@comcast.net

or

Bill Fulkerson

pfulkerson@yahoo.com



To learn more go to www.marsretirees.org and click
on "Golf" in the clubs listing section



MARS ASSOCIATES

2019 MEMBERSHIP RENEWAL (DUES) NOTICE

It is time for **all** regular and senior members to renew your membership for the year March 1, 2019 —February 29, 2020, regardless of which month you joined MARS Associates.

Please complete the **Membership Renewal Form** below, cut at the dashed line and mail it to:

MARS ASSOCIATES, PO Box 1128, Littleton, CO 80160-1128

with a check or money order made out to "MARS ASSOCIATES" in the amount shown below, to be received not later than March 31, 2019.

Members whose dues are not paid as of March 31, 2019, will be notified and will be dropped from membership if dues remain unpaid. Membership expiration is determined by Membership Database records. Members who have been dropped will not be eligible for MARS clubs or member discounts for activities or benefits after March 31.

Retain your current membership card—cards are not reissued annually. Your membership number is included on the address label of your MARS STAR mailing. More information about MARS is on the back of this page. If you have questions, contact the Membership Vice President, Linda Stearns, at **LINDA80120@COMCAST.NET** or 303-797-3557.

Please complete all the blanks — The treasurer separates checks from forms upon receipt!

----- CUT AT DASHED LINE -----

Membership Renewal Form

Mail to: **MARS ASSOCIATES, PO Box 1128, Littleton, CO 80160-1128**

(New members must complete and submit a printed MARS Associates Membership Application form found on the website (MARSRETIRES.ORG → [MEMBERSHIP](#)) or contact Linda at **LINDA80120@COMCAST.NET**.)

Membership dues for FY2019 are as follows:

(Please ✓ appropriate box.)

- | | | |
|--|---------|--------------------------|
| Current Regular Member residing in Colorado all or part of the year. | \$15.00 | <input type="checkbox"/> |
| Current Regular Member residing full-time outside Colorado. | \$10.00 | <input type="checkbox"/> |
| Current Senior Member (or surviving spouse) whether residing in Colorado or out of state, whose <u>retiree</u> -member birthdate is earlier than March 1, 1944, <u>and</u> who has paid dues the last two years. | \$10.00 | <input type="checkbox"/> |

Please confirm your membership information — remember to enclose your check!

Name(s) _____ Date of Birth _____
(MM/DD/YYYY)

Spouse (or significant other) _____

Company/Division retired from (Example: Space Systems, IS&GS, ULA) _____

Address _____ Apt/Unit _____

City/State _____ Zip _____ Zip ext. _____

Phone _____ - _____ - _____ Email Address _____

Do you want your email address listed on the MARS website? YES NO

Do you want to receive special notices from MARS by email? YES NO

If you volunteer with any organization, please tell us who it is: _____

Snowbirds:

Please notify the Membership Vice President by telephone, email or "snail mail" when you know your travel dates to your alternate address AND what that address is.

MARS STARs are mailed by Standard (Bulk) Mail to keep the cost of mailing low—every rejected or forwarded MARS STAR incurs an additional postage cost to MARS Associates.

Membership

- **Dental, Vision, and Long-Term Care Insurance** – at very reasonable rates
- **Vendor Discounts** – visit our website (<http://www.marsretirees.org>)
- **Annual Social Events** – such as picnics, luncheons/dinners, Rockies games, performances or exhibits
- **MARS STAR Quarterly Newsletter** – information on past and current events relating to the organization as well as Corporate, LMSSC, and ULA happenings
- **Connectivity with other retirement associations throughout the corporation** – shared events and news from afar

Volunteer Opportunities

- **Community Service & Event Support** – help your community and/or the companies with the MARS team, for example, the Fun Run, Health Fair, Community Supported Programs
- **MARS Support** - Web Committee, In Memoriam, Event Photographer
- **MARS Leadership** – Board of Directors and Officer positions of leadership, maximum of two 2-year terms (Director, President Elect/President, Treasurer, VPs of Business, Membership, Activities, Communication), Secretary

See the Bylaws and Policy Manual posted on our web site or contact a current officer or director.

Club Activities

- **Bridge Club** – lively party bridge, singles welcome
- **Dinner Club** – private lunches, brunches & dinners at attractive and cost-effective local restaurants in the Denver Metro area
- **Golf League** – a handicap league open to men and women that plays weekly games throughout the summer with a tournament in September and a banquet in the Fall
- **Hiking Club** – planned hikes for various levels of ability
- **Photography Club** – monthly meetings at *Littleton Bemis Library (except June-August)*, photo-related presentations and programs—including travelogues, photo contests, help with equipment and photography, open to everyone
- **Special Interests** – There are many available groups with common interests that have not formed clubs.

Start a club or group for your special interest.



ANNUAL MEETING



The Officers and Board of Directors of MARS Associates are pleased to invite you, your spouse/ companion and guests to the Annual Meeting on *Wednesday, March 13, 2019, at the Pinehurst Country Club.*

The luncheon will start at **12:00 noon** and the doors will be open by **11:00 a.m.** Lunch will be followed by a presentation from a guest speaker, a summary of the past year for MARS, and the remainder of the Annual Meeting agenda. A map to the club is on the reverse of this flyer.

There will also be a cash bar prior to the luncheon. This bar is CASH ONLY since Pinehurst is unable to take credit cards.

Menu choices are Roasted Strip Loin with Mushroom Demi, Chicken Chardonnay, and Grilled Salmon with Lemon Butter. The meal includes mixed green salad with dressing, wild rice pilaf, asparagus, coffee, tea and a dessert. If you have special dietary needs, please contact Linda Duby at 303-249-1665 or lindaduby@comcast.net with the details.

The prices for the meals are as follows:

	Member/Spouse/Companion Price	Non-MARS guest price
Roasted Strip Loin	\$25.00	\$43.00
Chicken Chardonnay	\$20.00	\$43.00
Grilled Salmon	\$25.00	\$43.00

These prices include taxes and gratuities. Please complete the form at the bottom of this sheet, detach it along the dotted line, and mail it with your check (made payable to **MARS Associates**) to the address below:

MARS Associates, P.O. Box 1128, Littleton, CO 80160-1128

All reservations and cancellations must be received by March 5, 2019.

If you make a reservation and later find you cannot attend, please notify Larry Stearns at 303-797-3557 or mars-larry-treas@comcast.net, or to Linda Stearns at 303-797-3557 or linda80120@comcast.net, or Linda Duby at 303-249-1665 or lindaduby@comcast.net no later than March 5, 2019 to receive a refund. MARS Associates must commit to an exact number of attendees and we must pay for that number as a minimum. Admission is by reservation only.

-----Detach Here-----

2019 Annual Meeting Reservation Form Please Print Clearly.

Mail to: **MARS Associates, PO Box 1128, Littleton, CO 80160-1128**

Member: _____	Beef	_____	Salmon	_____	Chicken	_____
		\$25.00		\$25.00		\$20.00
One Spouse/Companion/Guest: _____	Beef	_____	Salmon	_____	Chicken	_____
		\$25.00		\$25.00		\$20.00
Other Guests: _____	Beef	_____	Salmon	_____	Chicken	_____
		\$43.00		\$43.00		\$43.00

(Add sheet for additional guest names) Member Phone No. _____

Member e-mail address _____

Member/Spouse/Companion/Guest @ \$25.00 = \$ _____ Other guests @ \$43.00 = \$ _____

Member/Spouse/Companion/Guest @ \$20.00 = \$ _____

TOTAL ENCLOSED \$ _____ Check # _____

PINEHURST COUNTRY CLUB, 6255 W. Quincy Avenue, Denver





MEDICARE WITH CONFIDENCE

Free Educational Seminar Session
for MARS Associates Members



Are you **turning 65** and confused about Medicare? Join our free Medicare 101 session to learn about Medicare A – D, Medicare rules and more!

WHEN	March 19, 2019 10:00 AM – 12:00 PM
WHERE	Red Rocks Credit Union Corporate Office 8195 SouthPark Lane Littleton, CO 80120

Max capacity is (45) so please sign up soon!

To RSVP for a FREE session, email Nicole Zimmerman: nzimmerman@redrocks.org.

If you have additional questions, please email Sherry Vargo: shervargo@comcast.net.

Brought to you by:



IN PARTNERSHIP WITH





RED ROCKS CREDIT UNION CORPORATE OFFICE

8195 SouthPark Lane | Littleton, CO 80120



Lunch on Tuesday, April 16th, 2019

Join your fellow MARS Associates for a wonderful lunch at



Los Dos Potrillos



10065 W. San Juan Way, Littleton 80127
(see map on back)
303-948-1552

Lunch will be served at 12:00 noon.

Featuring delicious Mexican entrées and Sopapillas for dessert. Non-alcoholic beverages are included with your meal. (Tax and gratuity included.)

Seating is extremely LIMITED to 60 Maximum
\$25.00/person

If we have reached the seating limit prior to receiving your reservation, we will contact you about putting you on a waiting list.

Please complete the form shown below and mail it, along with your check payable to "MARS Associates Dinner Club", by April 8th, 2019 to

 Becky and Gary Englebright
7855 S. Vance Ct.
Littleton, CO 80128
303-941-3167 or 303-263-6457
englebright@earthlink.net 

If you need to cancel, please let us know no later than April 8th to receive a refund.

Lunch at Los Dos Potrillos on Tuesday, April 16th, 2019

Name(s): _____ Number of Attendees: _____
Address: _____ Amount of Check: \$ _____
City/State/Zip: _____ Check Number: _____
Phone Number: _____ Date: _____

- | | | |
|--|--|---|
| <input type="checkbox"/> Beef Fajitas | <input type="checkbox"/> Chicken Fajitas | <input type="checkbox"/> Combo Enchiladas |
| <input type="checkbox"/> Crispy Chile Rellenos | <input type="checkbox"/> Veggie Street Tacos | |

Lunch on Monday, May 20th, 2019

Join your fellow MARS Associates for a wonderful lunch at

ZEST

2740 S. Wadsworth Blvd., Denver, CO 80227

(see map on back)

303-984-4722

Lunch will be served at 12:00 noon.

Featuring a Wedge Salad, Entrée, Strawberry Shortcake and Iced tea and coffee. Cash bar will be available for all other beverages.

(Tax and gratuity included.)

Seating is extremely LIMITED to 60 Maximum

\$24.00/person

If we have reached the seating limit prior to receiving your reservation, we will contact you about putting you on a waiting list.

Please complete the form shown below and mail it, along with your check payable to "MARS Associates Dinner Club", by May 10th, 2019 to

Becky and Gary Englebright
7855 S. Vance Ct.
Littleton, CO 80128
303-941-3167 or 303-263-6457
englebright@earthlink.net

If you need to cancel, please let us know no later than May 10th to receive a refund.

Lunch at Zest on Monday, May 20th, 2019 (1 Entrée ea.)

Name(s): _____ Number of Attendees: _____

Address: _____ Amount of Check: \$ _____

City/State/Zip: _____ Check Number: _____

Phone Number: _____ Date: _____

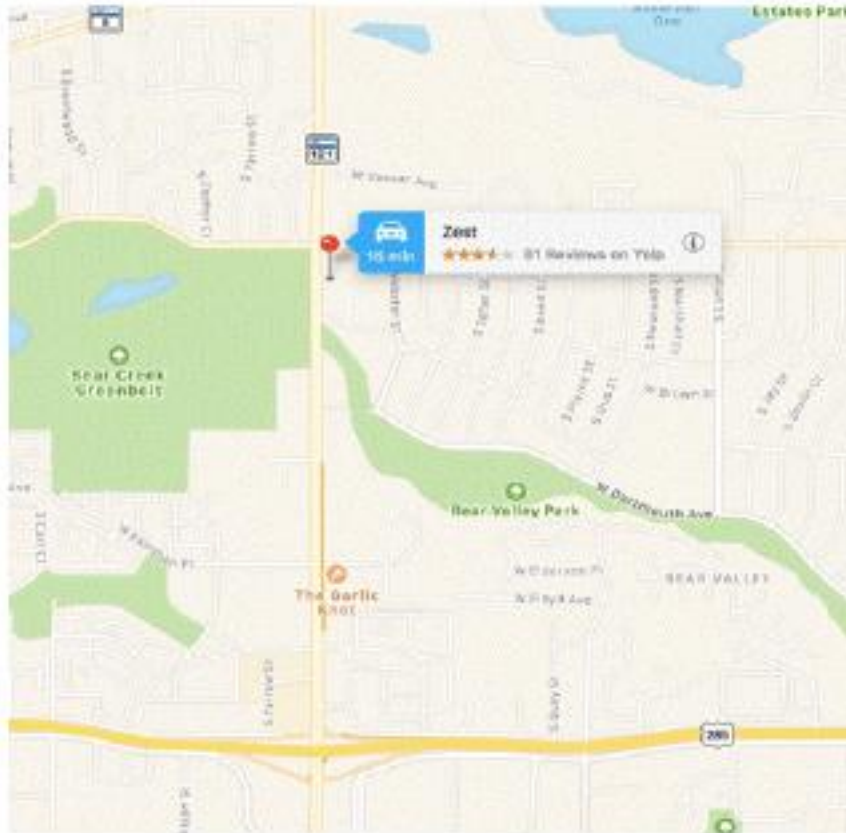
Sundried Tomato Crusted Brick Chicken, smoked rosemary jus, creamy risotto & market veggies

Beef Tenderloin Tip, wild mushroom gravy, Pappardelle pasta & market veggies

Baked Salmon, saffron, lobster cream sauce, jasmine rice & market veggies



Map to Zest



Zest is located on South East Corner of Yale and Wadsworth,
next door to the Birds Unlimited Shop.

2740 S. Wadsworth Blvd

Denver Co 80227

303-984-4722

Lunch on Tuesday, Jun 18th, 2019

Join your fellow MARS Associates for a wonderful lunch at

Garden Terrace @ the Hilton Inverness

200 Inverness Drive West, Centennial, CO 80112

(see map on back)

303-799-5800

Lunch will be served at 12:00 noon.

Featuring a beautiful buffet of Appetizers, Salads,



FATHER'S DAY

Entrées, Desserts and non-alcoholic drinks.

Cash bar will be available. (Tax and gratuity included)

Seating is LIMITED to 70

\$26.00/person



If we have reached the seating limit prior to receiving your reservation, we will contact you about putting you on a waiting list.

Please complete the form shown below and mail it, along with your check payable to "MARS Associates Dinner Club", by June 10th, 2019 to

 Becky and Gary Englebright
7855 S. Vance Ct.
Littleton, CO
303-941-3167 or 303-263-6457
englebright@earthlink.net 

If you need to cancel, please let us know no later than June 10th to receive a refund.

Lunch at Garden Terrace @ the Hilton Inverness on Tuesday, Jun 18th, 2019

Name(s): _____ Number of Attendees: _____

Address: _____ Amount of Check: \$ _____

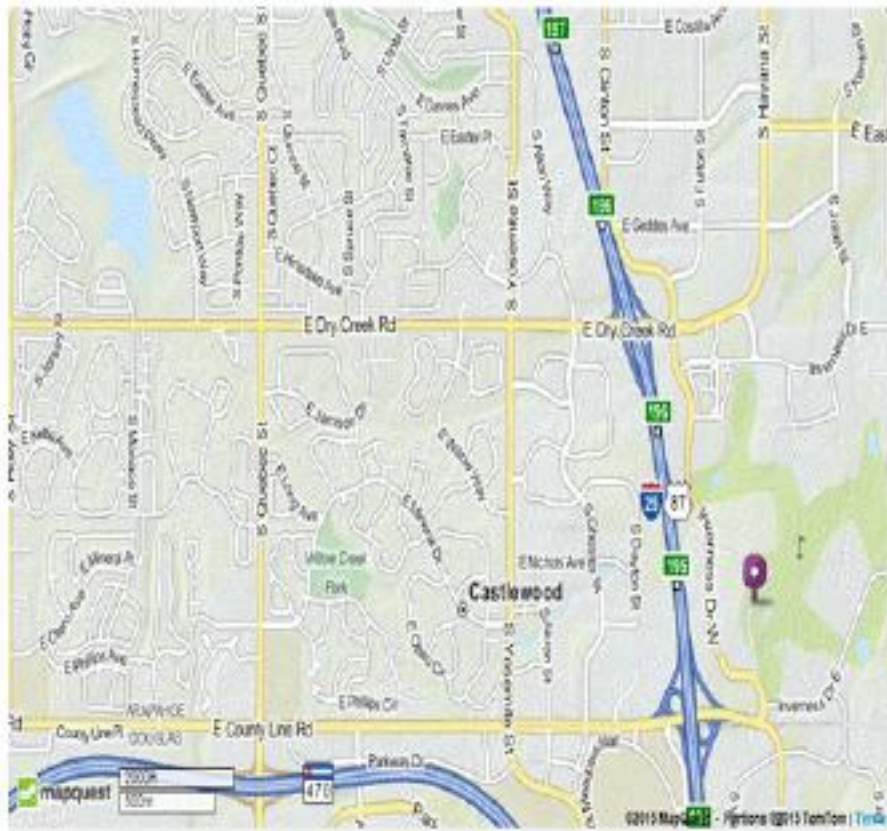
City/State/Zip: _____ Check Number: _____

Phone Number: _____ Date: _____

Happy Father's Day



*Map to Garden Terrace at
the Hilton Inverness Hotel*



From I-25,
Turn East onto E. County Line Road,
Then north onto Inverness Drive West
Take the second right into the Hilton Inverness Hotel entrance

***200 Inverness Dr. West
Centennial Co 80212
303-799-5800***



2018 MARS Holiday Luncheon



Linda Stearns, Sherry Vargo, Linda Duby, Mike Carroll



MARS 2018 Holiday Luncheon



Sam and Deb Satterthwaite, Judy and Ralph Pacheco



MARS 2018 Holiday Luncheon



Sgt Keonte Long, Dan Ellerhorst, and Sgt Stephen Hall



Carl Kaminski, Steve and Robin Keppers



Rita Nicholson, Dick and Luanne Sosnay



Glenda Florea, Pawn Axelson, Beth Worthington



Al and Marilyn Nemes



Lois and Bill Heppler, Bill Wise



Jeanette and Andy Anderson



Art and Gloria Rosener



Bob and Jo Wessels



Bart and Diane Wright



Bob and Judy Cooke



Beverly and Gary Warren



Bob and June Kittelson



Cal and Sharon Haar



Carolyn and Richard Hurley



Carol and Larry Spletstoser



Charlie and Glenda Haupt



Carolyn and Larry Byers



Clare and Linda Haag



Debbie Fowler and Jerre Gardiner



Eadie and Jim Ross



Doreen and Jim Ryan



Fred and Bonnie Luhman



Duane and Barbara Del Duca



Ginny and Ron Schuldt



Jack Thompson and Carolyn Malaby



Joan and Gene Horak



Jane and Dave Kampsnider



John and Betty Phillips



Jim and Janet Mulkey



John and Joan Denny



Karen Paulson and Judy Nielsen



Lori and Don Schade



Linda and Don Purkey



Lucy and Dan Ellerhorst



Linda and James Cronin



Margaret and Ray Ziehm



Mollie Christensen and Darcy Barrows



Ron and Maureen Gedeon



Ralph and Sharlee Mueller



Sally and Allen Sanders



Rene and Mike Watson



Susan and Ardy Baker



Tess and Nels Freeman



Tom and Janice Redfield

Favorite Photos



Trespassers -- Sandhill cranes who used to come around my Florida house and eat worms out of the plant areas (photo by Parker Stafford)

Schedule Addendum (See last page)

1. BOD meets 1st Wednesday of every other month at **The Egg & I, Highlands Ranch** at 09:30 am.
2. Officers meet 1st Wednesday of every month at **The Egg & I, Highlands Ranch** at 09:30 am.
3. Bridge Club meets 3rd Friday of every month at 10:00 am at Buck Recreation Center.
4. Dinner Club (All events are lunch unless otherwise noted): Jan 14-Chinook Tavern (Greenwood Village); Feb 11-Maggianno's (Englewood); Mar 25-Imperial Chinese (Denver); Apr 16-Los Dos Portrillos (Littleton); May 20-Zest (Denver); June 18 - Garden Terrace at the Inverness Hilton
5. Golf meets every Thursday from April through Oct of each year.
6. Hiking Club: Outings on 3rd Wednesday of the month. Check the website for place and time.
7. Photo Club meets 2nd Thursday every month (except Jun, Jul & Aug) at 1:00 pm at Bemis Public Library in Littleton
8. Web Committee meets at 12:00 noon at Sweet Tomatoes, West Bowles, Littleton, on Tuesday prior to BOD/Officer mtg
9. **2019** Mars Day at Stock Show - Jan 18
10. **2019** Annual Meeting - March 13 at Pinehurst
11. **2019** Medicare101 Presentation - March 19 - Red Rocks Credit Union Corporate Offices
12. **2019** MARS Senior Luncheons- Jul 10 at TBD
13. **2019** MARS Day at the Rockies -Jul 31
14. **2019** Annual Picnic - Sept 11 at Clement Park
15. **2018** Holiday Celebration – Dec 4 - Pinehurst Country Club

Please review information and notify Dick Sosnay (richardsosnay@gmail.com) if you have any changes or additions.



MARS ASSOCIATES EVENT SCHEDULE

DATE: January 2019

EVENT/MONTH	2019											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Board of Directors	2		6		1		3		4		6	
Officers	2	6	6	3	1	5	3	7	4	2	6	4
Bridge Club	18	15	15	19	17	21	19	16	20	18	15	20
Dinner Club	14	11	25	16	20	18	TBD	TBD	TBD	TBD	TBD	-
Golf Club	-	-	-	Thur	Thur	Thur	Thur	Thur	Thur	Thur	-	-
Hiking Club	16	20	20	17	15	19	17	21	18	16	20	18
Photo Club	10	14	14	11	9	-	-	-	12	10	14	12
Web Committee	-	5	5	2	4/30	4	2	6	3	1	5	3
MARS Events												
MARS Day at Stock Show	18											
Annual Meeting			13									
Medicare 101 Presentation			19									
Senior Luncheon							10					
CO Rockies Game							31					
Annual Picnic									11			
Holiday Celebration												4
MARS STAR Schedule												
Items due for MARS STAR												
STAR Flyers Due to Comms	3			1			1		22			
STAR Input to Editor	4			2			2		23			
STAR Repro. Deadline	14			15			15			7		
STAR Mailing	23			24			24			16		

Please notify Dick Sosnay (richardsosnay@gmail.com) if you have any changes or additions.