



ASSOCIATES

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January 2020

Sponsored by LOCKHEED MARTIN

MARS STAR



MARS Activities This Quarter:

- **Membership Renewal – page 21**
- **Annual Meeting – page 23**
- **Dinner Club — pages 27-32**

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
VP Communication	Mike Carroll	303-941-4193
VP Membership	Carl Kaminski	303-726-1546
Treasurer	Larry Stearns	303-797-3557
Secretary	Al Nemes	303-908-0157
Historian POC	Barb Sande	303-887-8511

MARS STAR

Editor	Tom Pighetti	303-979-7933
Editor	Linda Stearns	303-797-3557
Photographer	Theodore Bornhoeft	303-933-9730
Memorials	Norma Emerson	303-646-1137
Webmaster	Jim Kummer	303-986-3966
Volunteers	Judy Nielsen	303-979-6772
<u>Reporting:</u>		
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
Car Club	Roger Rieger	303-912-6217
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
Director	John Janczy	303-973-3847
Director	Roger Rieger	303-912-6217
Director	Charlie Haupt	303-789-7113
Director	Bill Wise	303-771-4887
Director	Karen Paulson	303-932-7192

IMPORTANT PHONE NUMBERS

LM Employee Service Center 1-866-562-2363

MARS Important Phone Numbers

(Be sure to have your MARS ID available)

MARS Delta Dental of CO

Individual Team (representatives) 1-877-516-6512
Ron Rueger (Account Mgr) 303-889-8616

Assured Partners of CO

MARS Delta Dental "Vision" (EyeMed)

MARS Vision Service Plan (VSP)

Jon Elmore 303-228-2206
Hudson Howard 720-510-9505
Sharla Leary 720-510-9507

Aetna/Medicare Plus

1-888-562-8111

Kaiser Advantage Plus

303-338-3800

MARS Associates

P. O. Box 1128

Littleton, CO 80160-1128

MARS Website: <http://www.marsretirees.org>

Cover:

L: Hikers were lucky to see a large Blue Heron while on an easy urban hike at Belmar Park. See Hiking Club report.

R: Lockheed Martin Bringing 'Unexpected Guest' to Reagan National Defense Forum as a permanent static display for the F-117 Nighthawk that bears the nickname "Unexpected Guest." See the Lockheed Martin (LM) article.

From the Editor's Desk

Tom Pighetti (tjpighetti@q.com)

Linda Stearns (linda80120@comcast.net)

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)

Another year has come and gone!

... and this is my last column as president of MARS Associates!

After the March Annual Meeting, I will hand the role over to Dick Sosnay, who I am confident will do a great job. Speaking of the Annual Meeting, I call your attention to the flyer in this edition of the STAR, which allows you to sign up for lunch reservations. This year, in addition to the Annual Report and a guest speaker from ULA, we will be celebrating the 35th Anniversary of MARS Associates. Look for some decorations, informational displays, and a few fun anecdotes sprinkled into my Annual Report.

Last year, at this time, I was reporting on the results of our member survey and discussing some of the new initiatives we were planning to undertake in response. Maybe a short review would be in order, to see how we have done so far.

1) Happy Hour Events: We were able to host two very successful Happy Hours, one in the summer at the Lansdowne Arms Pub, and one in the fall on the deck at the Platte River Bar & Grill. At each one, we had over fifty attendees, including members and prospective members. Several members told me this was their first MARS event and several new members were signed up on the spot. The rest of us enjoyed the appetizers, drinks, and camaraderie. We are planning to do this again in 2020.

2) Access to digital (pdf) STAR: This was a little more complicated due to the unrestricted access to our web site, but in October we were able to share a STAR pdf via the "members only" Facebook page. If there is a larger desire for access to a digital version of the STAR, give us some feedback and we can look at other options.

3) Informational Seminars: During 2019, MARS Associates co-sponsored two informational Seminars on Medicare 101 and one on Cyber Security, presented by MARS member Steve Sande. We are planning a couple of more seminars for 2020. Thanks go to our VP of Business, Sherry Vargo, who arranged and organized these seminars and to Red Rocks Credit Union for providing the venue. We are interested in your feedback to know if these are useful and if there are other topics you would like to see offered.

4) Access to LM and ULA Clubs: We confirmed that LM clubs are open to participation by MARS Members. We have no information yet on ULA clubs.

5) Open Senior Luncheon to all Members and Add a Speaker: We hosted a Senior Recognition Luncheon in July at Pinehurst Country Club and enjoyed a very interesting presentation by Beth Buck, Lockheed Martin Manager of Deep Space Exploration Operations.

6) Improved e-mail Communications: We added a few general e-mails to the membership to announce upcoming events and deadlines. So far we have limited the number of these e-mails, as we know everyone gets more than enough already. I think these communications have proven useful (especially during the weather-induced rescheduling of last year's Annual Meeting!) and I am interested in your feedback. If you are not receiving e-mails and would like to – please check your preference on this year's renewal form.

7) Add names to STAR pictures: We have been trying! Sometimes it is difficult and it helps if you wear your nametags in a visible location.

8) More Volunteer Information: So far we have been successful at finding people to tell us about their volunteer activities outside MARS. This month we have an interesting article by Jack Eastman on volunteering with the Denver Astronomical Society. Please consider providing us with the opportunity to recognize your volunteer group in a future edition of the STAR.

So I think we had a successful year as an organization, in providing our standard annual events, adding new attractions, and improving our operations. I want to give a big thank you to the other officers and directors for their hard work and many hours to bring this to fruition. In particular, I want to recognize Mike Carroll for the improvements in the MARS STAR production and mailing process, Sherry Vargo for her work on the Informational Seminars, and Linda Duby for the extra work on all of our successful events.

Towards the end of last year, a small committee was studying how to provide an online capability for membership signup and renewal. Thanks to this extra work by Carl Kaminski, Steve Sande, and Jim Kummer, we are able to offer members the option of renewing their 2020 membership and paying by going online. Additional information is available in this STAR and on our webpage. We are continuing to explore the feasibility of extending this capability to our other events and clubs.

Although I will be leaving my role as President in March, I look forward to contributing as Past-President on the Board of Directors and to enjoying the fun events throughout the year. Volunteering as a MARS Officer has been a lot of work, but very rewarding, and a lot of fun to work with friends and make new ones. I encourage you to think about getting more involved. And if you can't take up that challenge right now, please share your MARS experience with friends and encourage them to try a new activity sometime with you.

In the meantime, Happy New Year!!! And I hope to see you at an upcoming event!

information on both these events in the next edition of the STAR.



Business

By Sherry Vargo
(shervargo@comcast.net)

MARS Important Phone Numbers

-- These phone numbers are listed on the inside cover of the MARS STAR.

In the past, we have listed phone numbers that are associated with MARS and phone numbers that are associated with being a retiree from LM/ULA. As of this issue we will provide phone numbers associated with MARS only. All important phone numbers associated with LM/ULA can be found either on the LM Service Center webpage for retirees or by calling the LM Employee Service Center at 1-866-562-2363.

Medicare101 Presentation on April 9, 2020 --

MARS will be providing a Medicare101 presentation at Red Rocks Corporate Office again on April 9, 2020. This was such a popular informational session last year that we decided to provide it again. Red Rocks and Aetna are sponsoring this presentation and I encourage anyone who is having problems understanding or enrolling in Medicare to be sure and enroll for this presentation. The flyer is attached in this STAR issue and provides information on how to RSVP and the location.

DELTA DENTAL – LOW OPTION CHANGES JANUARY 2020 –

The MARS Delta Dental plan has three options: Low, medium and high. The Medium and High Options are insurance plans that are negotiated every two years. The Low Option is a negotiated DISCOUNT PLAN. Assured Partners has informed us that "Beta Health" is now the new sponsor for the low option. There are no changes to the rates, network or providers. The ONLY change is that MARS members who have the LOW OPTION must complete the new application that is attached in this issue of the STAR. The new application needs to be submitted **ASAP** because members need to provide banking information in order to pay their monthly premiums. Beta Health will be sending letters and emails to all MARS members who have the Low Option plan in early January that will explain this process and all the details.



Activities Updates

By Linda Duby
(lindaduby@comcast.net)

Happy New Year!

In October, 2019, MARS had its second Happy Hour which was held at the Platte River Bar & Grille. We had a great turnout – approximately 50 people attended. Good location, good venue, and good food. This was the first event that MARS used Event Bright for reservations. MARS is planning to do the next Happy Hour on May 20, 2020. The location has not yet been determined -- more to come on the next Happy Hour later.

The Holiday Celebration at Pinehurst Country Club was held on December 4, 2019. We had 174 in attendance. The Marines sent two representatives to support Toys for Tots – Major Taylor Oxee and Master Sergeant Lawrence Waters. Our members were again very generous with toys and cash donations to Toys for Tots. Pinehurst as usual did a great job with the food and service.

The next event is the 2020 Annual Meeting and Luncheon. This year the event will include a celebration of the 35th anniversary of MARS, a guest speaker and the Annual Meeting agenda. The event will be on March 4, 2020 at Pinehurst Country Club and the flyer is included in this edition of the STAR and is also available on the website. Hopefully, we have good weather this year!

The Senior Recognition Luncheon is scheduled for July 8, 2020 and the venue has not yet been selected. The MARS Day at the Rockies and Picnic will be June 24, 2020. The game is at 1:30 and the Rockies will be playing the Kansas City Royals. There will be



Membership Report

By Carl Kaminski
(carlcolo@centurylink.net)

MEMBERSHIP STATISTICS

As of January 1, 2020, there are 1,359 MARS Associates members, including 758 seniors.

Please welcome the following new members:

Colorado

Denver Steve & Gail Schomay

Littleton Kate & Doug Albrecht,
Karen & Dean Johnson,
Ram & Chitra
Ramachandran

Morrison Ken & Cheryl Marts

Strasburg Ed & Teresa Green

Westminster Keith & Ruth Matz

Other States

Oregon

The Dalles Marv & Linda Elsberry

NEW MEMBERS

Do you know someone who recently retired from LM or ULA? First year membership in MARS is free for 2020. Direct them to the website for more information or have them contact any of the Officers or Directors.

MEMBERSHIP RENEWAL

We are implementing the option to renew your membership online this year. The online process allows you to fill-in all of the information contained on the standard renewal form before executing the payment. This information does not get distributed to the payment processing agency. Online payment will be via credit card or PayPal. A PayPal account is **not** necessary to pay online. Basically what happens is that a one-time transaction is made with PayPal and the credit card info — name, number, expiration date, CVV code, etc. — is used ONLY for that transaction. Once the transaction is complete and verified by both PayPal and the credit card company, the data is gone. The only thing that is saved for future reference is a transaction code with the time, date, credit card company, amount, and name of the person making the transaction. That data is kept in case of a credit card dispute, cancellation, and so on, but does not include the credit card number or security information. In other words, it's just like making any

other online credit card transaction. Fees associated with the payment will be absorbed by MARS.

The option to renew via a paper copy and check remains available and a hard copy of the renewal form is included in this issue. Both the printable form and the online processing can be found on the website (MARSRETIREEES.ORG → [MEMBERSHIP](#)). If you have questions contact Carl Kaminski at 303-726-1546.

Change of email address or phone number?

Please remember to include the MARS membership team in your list of people to notify when you have a new phone number or email. We want to make sure all of your communications are timely.

"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!

What is PayPal — How does it Work?

By Linda Stearns

In the October, 2019, issue of the MARS STAR, Dan Ellerhorst discussed a plan to provide a PayPal account option for Membership Renewals. The following information is for those who are not familiar with PayPal and how it works. This information is taken from the PayPal website (<https://www.paypal.com/us/webapps/mpp/how-paypal-works/overview>).

What it is. PayPal is an **electronic commerce (e-commerce) company** that facilitates payments between parties through online fund transfers. PayPal allows customers to establish an account on its website, which is connected to a user's credit card or checking account. Signing up for a personal account is free. You can install the PayPal application on your smart phone or other device and use it on your personal computer. Securely links your bank account, or your credit or debit card information, to send money online.

To pay your MARS Associates dues without opening a PayPal account. You can also make a single purchase or payment without having a PayPal account. That transaction does require you to enter your credit card information, but it is still hidden from the vendor—only PayPal sees the card number. PayPal emails a receipt for the purchase to you for your records. The rest of this article applies only if you want to open your personal account.

What it can do -- With the app, you can send money to your friends or family in your contact list easily—if they also have their own accounts. If they don't have a PayPal account, they can open one for free. Send payments to friends or family by entering their email or mobile number from your computer or phone. (For example, send money to a grandchild without worrying about the cash getting lost in the mail or the child losing the check.) Funds go quickly into recipient's account and PayPal notifies the recipient when the money has been transferred. You can also support your favorite cause and keep track of your payments. With the PayPal link set up, when you make an online purchase or payment to a vendor, the vendor is paid without ever seeing your credit card number—you check out with just your email address and secure password. When you pay your linked credit card bill, you pay for the purchase just as if you had used your credit card. If you are away from home, other eyes cannot see your credit card number when you make an online purchase.

How to open an account. Go to the website (<https://www.paypal.com/us/webapps/mpp/home>). Provide your email address, create a password, and then fill out your personal information. (*Create a secure password, ideally, different from any you already use! As with other sites, if you forget your password, you can reset it.*) Then you link your PayPal account to a specific credit or debit card OR a specific bank account OR you can open a PayPal credit or debit card separate from other accounts. The website gives specific instructions how to set up the link.

Fraud Protection PayPal has 24/7 fraud detection monitoring, and alerts you if suspicious activity is detected whether you are making online payments, sending money online, or transferring money to your bank account.

Purchase Protection. As with most credit card accounts, if your purchase doesn't arrive at all, or is significantly different than what was advertised you may qualify for Purchase Protection. PayPal can reimburse you for the full purchase price plus any original shipping costs. The website clearly identifies what can and cannot be protected.

Keep Your Rewards Subject to your credit card account's rules, you usually can keep earning your points, miles and rewards when you shop or make online payments through the PayPal link.

In Memoriam

By Norma Emerson
(emer801@msn.com)

Please contact me at the above e-mail address or at 303-646-1137 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.

MARS Associates expresses our deepest sympathy in the loss of your loved-one and a donation will be made to a charity chosen by the Officers and Board of Directors in their memory.

Members:

Brown, Richard A (D: December 2019)
(Survived by: Betty Brown)
Wheatridge, CO
<https://tinyurl.com/ryua8rf>

Ginsberg, Ethellee (D: September 2019)
(Survived by Leon (Lee) Ginsberg)
Denver, CO
<https://tinyurl.com/y2bwde18>

Kroc, Mary Lou (D: October 2019)
Sun City West, AZ
No obituary published

Lundgren, Robert C. (D: December 2019)
(Survived by: Sue Lundgren)
Golden, CO
<https://tinyurl.com/r27y7gq>

Nielsen, Jr. Chris Marinus (D: October 2019)
(Survived by Beverly Nielsen)
Englewood, CO
<https://tinyurl.com/y4968wm4>

Stang, Eleanor (D: October 2019)
(Survived by Donald Stang)
Highlands Ranch, CO
<https://tinyurl.com/yxt9r9p2>

Tefft, George (D: December 2019)
(Survived by: Adeline Tefft)
Littleton, CO
<https://tinyurl.com/vfaqffg>

Non-Members

Casto, Howard (Doug) (D: September 2019)
(Survived by Catherine Casto)
Franktown, CO
<https://tinyurl.com/tkjryc2>

Martinez, Rene "Marty" (D: November 2019)
(Survived by Ann Martinez)
Littleton, CO
<https://tinyurl.com/u8tcy6x>

Offner, Judith (D: October 2019)
Littleton, Co
<https://tinyurl.com/qw600xu>

Roe, Howard S. (D: November 2019)
(Survived by Joan Roe)
Castle Rock, CO
<https://tinyurl.com/uawbpaw>

Strand, Douglas E. (D: November 2019)
El Paso, TX
<https://tinyurl.com/yxxklcr5>

Udevitz, Dorothy (D: October 2019)
Centennial, CO
<https://tinyurl.com/y5ngo171>

Vosbeek, Mary Lou "Lou" (D: October 2019)
(Survived by Bob Vosbeek)
Highlands Ranch, CO
<https://tinyurl.com/y2pcceqk>

Hanson Scholarship fund that we use to award scholarship assistance to promising young students in the physical sciences.



Denver University Chamberlin Observatory

The organization's major thrust, today, is Public Outreach and Education, and operating the Monthly Open House at Chamberlin, as well as two Public Nights a week, also at Chamberlin. We also do a fair number of outreach events at local schools and for other organizations. We sponsor the Van Natten-Hanson Scholarship fund that we use to award scholarship assistance to promising young students in the physical sciences.

We have a very diverse membership numbering over 600; folks interested in all aspects of the science, from imaging, visual observing, instruments and optics as well as learning as much as possible by attending our monthly General Meetings. We draw on a wide range of programs from local research organizations, universities, aerospace organizations and other resources.

I have been a member of this organization since 1969 and sit on their executive board seemingly forever and a week!

I've also had my beard pulled to take an active role in the Colorado Chapter of the International Dark Sky Association (IDA) dedicated to sensible outdoor lighting to mitigate the advancing scourge of light pollution which is rapidly becoming an ecological disaster. So far, this organization is in the formative stages, but meeting with great enthusiasm -- More to come on this.



Volunteering for the Denver Astronomical Society

By Jack Eastman
fjackeastman@gmail.com

I volunteer for the Denver Astronomical Society (DAS). The DAS began in 1948, when a bunch of like-minded folks with an interest in astronomy and related sciences began meeting at the University of Denver's historic Chamberlin Observatory. Back in the day, when making one's own Newtonian was the only way to obtain a telescope for most people, the club established a telescope making workshop which included mirror grinding and fabricating the rest from almost anything available. The organization was incorporated and later obtained 501(c)(3) tax exempt status which allowed for tax free donations to be made to the organization. We like to think of ourselves as stewards of this historic establishment and its priceless 20-inch Clark/Saegmuller refracting telescope, first light, Saturn, July 14, 1894.

The club outgrew the DU observatory as a meeting venue and today holds its monthly General Meeting on the university campus. Upon conclusion of the formal program, we migrate over to the observatory for refreshments and, weather permitting, observing with the 20-inch. The organization's major thrust, today, is Public Outreach and Education, and operating the Monthly Open House at Chamberlin, as well as two Public Nights a week, also at Chamberlin. We also do a fair number of outreach events at local schools and for other organizations. We sponsor the Van Natten-

Historian's Corner

By Barb Sande
MARS Facebook Page Historian
(barbsande@comcast.net)

History on the Road

This issue of Historian Corner includes two "History on the Road" stories as well as the mission events list. History on the Road alternates with Program Profiles in the MARS STAR.

Stafford Air & Space Museum, Weatherford, Oklahoma

In August 2019, Steve and I did a fun Route 66 road trip, exploring the sections of the "Mother Road" between Albuquerque, New Mexico and Tulsa, Oklahoma. One of our planned stops was a visit to the wonderful Stafford Air & Space Museum, located in the small town of Weatherford, Oklahoma, 70 miles west of Oklahoma City.

The Museum originated with a simple display case in the regional airport highlighting the career of Weatherford native son Lt. General Thomas P. Stafford. Stafford was born in 1930, graduated from the US Naval Academy and became a test pilot for the Air Force; he was selected to be an astronaut in 1962 in the second group, and participated in four missions, commanding three of them. The missions include Gemini 6A, Gemini 9, Apollo 10 (final dress rehearsal for the Apollo 11 mission, profiled in the second quarter 2019 MARS STAR) and the Apollo-Soyuz joint US/Soviet mission. After his NASA career, he commanded the Air Force Test Pilot School at Edwards Air Force base and became a deputy Chief of Staff at the Pentagon (Research, Development & Acquisition). After retiring from the Air Force in 1979, he served on several corporate boards and served as a key advisor for NASA on future lunar/Mars missions and development of the International Space Station. As of this writing (October 2019), Stafford is still alive and makes periodic visits to the museum. Stafford is an only child; his father died in 1948, but his mother Mary Ellen lived to see all of Stafford's space missions. She actually migrated to Oklahoma in a covered wagon!

The Stafford Air & Space Museum grew over the years and became a Smithsonian Affiliate in 2010. The simple origins have now expanded to include over 3,500 replica and actual artifacts. As we wandered this museum, we were amazed at the contents, not expecting so many interesting displays. I was especially thrilled to see the Titan II on display. The partial list below of actual artifacts shows the depth of the museum's collections:



Jack at the Chamberlin Observatory 126 year old 20-inch Clark/Saegmuller refracting telescope, circa 1894



Jack at the Okie-Tex Starparty, where the skies are dark and unpolluted. The large telescope is a 6-inch refractor by Alvan Clark 7 Sons, made in 1877; the others are homemade tiny 'scopes, done just for fun. Photo: Chris Wilkerson.

If anyone is interested in learning more about the DAS, or participating in our meetings, please check out our web site (www.denverastro.org or email me at fjackeastman@gmail.com)

- 1) Titan II ICBM (both stages) in flight-ready configuration
- 2) V-2 Rocket Engine
- 3) Gemini 6A spacecraft
- 4) Lunar Sample from Apollo 17 mission
- 5) F-1 Saturn V First Stage Engine
- 6) J-2 Saturn V Upper Stage Engine
- 7) Mission Control Console
- 8) Gemini 6A & Apollo 10 space suits
- 9) Mark 6 nuclear warhead (disarmed)
- 10) Apollo/Soyuz Docking Ring
- 11) Space Shuttle Main Engine
- 12) Shuttle Solid Rocket Booster -- flown segment
- 13) F-86 Sabre
- 14) MIG-21R
- 15) T-38 Talon Trainer
- 16) T-33 Trainer
- 17) B-61 disarmed Thermonuclear bomb
- 18) F-16 Fighting Falcon
- 19) F-104 Starfighter
- 20) F-4 Phantom
- 21) A-10 Warthog

The replicas include early aviation and rocketry full-scale and partial scale models (e.g., Sputnik 1, Explorer 1, Bell X-1, Wright Flyer, Spirit of St. Louis, Apollo Command/Service Module). The museum is nicely laid out, with the first section highlighting the career of Stafford, followed by the aviation and space galleries. A 20,000 square foot addition is being built that will include an F-117 Nighthawk.



Titan II ICBM Stage II, Stafford Air & Space Museum (credit: Steve and Barb Sande)

Admission is truly a bargain, at \$5 for seniors over 62 (normal admission is \$7 for adults and \$3 for students; AAA members and military also have \$3 admission). The modern building, adjacent to the regional airport, includes a conference center, an educational center with interactive displays for younger visitors, and a nice gift shop.

Stafford Air & Space Museum, 3000 E. Logan Rd. Weatherford, Oklahoma 73096. 580-772-5871
<https://staffordmuseum.org>

Apollopalooza Events, Wings over the Rockies Museum, Denver, Colorado

Our local aviation and space museum Wings over the Rockies (Lowry location) held a week-long event in July 2019 to commemorate the first Apollo mission. Many members of the AIAA Rocky Mountain Section chapter volunteered that week for activities with visitors, including STEM events with children. Some of those AIAA RM members are also members of MARS Associates, including Sue Janssen, who runs the hiking club for MARS and is retired from ULA. Sue provided some pictures from this event for this article.

Steve and I decided to attend events on the first day (July 13) and the last day (July 20). There were many speakers and events over the week, with the top keynotes by Harrison Schmitt (Geologist, Apollo 17 astronaut and former US Senator), Gene Kranz (former Mission Control Flight Director for the Apollo program) and Joe Engle (X-15 pilot and Commander of the STS-2 and STS-51-I shuttle missions). We were very fortunate to hear the keynote addresses from Schmitt and Engle (we had seen Gene Kranz before at an Apollo 13 gala at the museum in 2015, along with astronauts Jim Lovell



Stafford Air & Space Museum Main Entrance with F-104 Starfighter (credit: Steve and Barb Sande)

The Stafford Air & Space Museum is open seven days a week, except for Thanksgiving, Christmas Eve, Christmas Day and New Year's Day. Opening hours are from 9:00 am to 5:00 pm Monday-Saturday and 1:00 pm to 5:00 pm on Sunday.

and Fred Haise). Gene Kranz actually gave two talks, one at breakfast on July 16 (coinciding with the launch time of the Apollo 11 mission) and one the evening of July 16. Apollopalooza also included displays of actual and recreated Apollo systems and had fun space simulator adventures.

We attended the big party on July 20 to commemorate the actual time of the first walk on the moon. Sixties attire was encouraged and there was a delicious BBQ buffet, microbrews, 60's music, and lots of fun for all ages. A few pictures from Apollopalooza (one of the largest museum events in the country commemorating Apollo 11) are included below.



Apollopalooza Activity Table (Photo Credit: Sue Janssen)



Gene Kranz describing the Apollo 11 launch (photo credit Sue Janssen)



Barb Sande and Sue Janssen at the big party! (Photo Credit: Steve Sande)



Joe Engle at the end of his talk on the X-15 and Shuttle programs (photo credit: Steve and Barb Sande)



Apollo 17 Astronaut Harrison Schmitt describing the lunar landing locations (photo credit: Steve and Barb Sande)

On This Date in History

This section has milestones retrieved from publicly available information for LM, ULA and heritage programs from 10 to 60 years ago (2009, 1999, 1989, 1979, 1969, 1959). Delta launches prior to the formation of ULA, unless it included an LM or heritage company payload or upper stage, are not listed. No classified programs are identified, even if the program is considered unclassified. The events reflect milestone activity in the quarter previous to the release of the MARS STAR -- where appropriate, key press releases are also included; significant milestones are in bold. There will be gaps if no events occurred in that decadal year for that month (e.g., no 1969 events for December). The list is not intended to be all-inclusive due to historical record inaccuracies.

NOTE: The very bad year of 1999 for LM culminated with the loss of Mars Polar Lander at Cruise Stage Separation or during powered descent to the Mars surface on December 3. MPL was built in Denver and launched in January, 1999. The official failure report

identified a probable cause of premature engine shutdown as a software logic error; later evaluations during the build of Mars Phoenix Lander also identified a more likely probable cause of non-separation from the cruise stage due to cold connector temperatures. There was no live telemetry during separation and powered descent.

Another item of interest: It has now been ten years since the Aries I-X test launch, with an Orion Crew Module simulator!

Events in October (10 to 60 years ago)

- 10/08/2009: WorldView-2 launched by ULA Delta II 7920, SLC-2W, VAFB
- 10/15/2009: LM Press Release Target Missile launched for ATM-48 intercept test, Fort Wingate, NM
- 10/18/2009: LM DMSP-5D3 F18 launched by ULA Atlas V 401, SLC-3E, VAFB
- 10/26/2009: LM Press Release Lockheed Martin awarded \$1 Billion Contract for Aegis Ballistic Missile Defense
- 10/28/2009: LM Press Release Lockheed Martin's Aegis Ballistic Missile Defense System Defeats Target in Japanese Test
- **10/28/2009: LM Orion Crew Module/Launch Abort Simulator launched by Ares 1-X, LC-39B, KSC**
- 10/07/1999: LM GPS IIR-3 launched by Delta II 7925-9.5, SLC-17A, CCAFS
- **10/18/1989: Galileo Jovian mission launched by STS-34 (Atlantis), LC-39B, KSC**
- 10/01/1979: Classified launch by MM Titan IIIC/Transtage, LC-40, CCAFS
- 10/24/1969: Classified launch by Titan IIIB, SLC-42, VAFB
- 10/02/1959: Lockheed UGM-27 Polaris AX launched, LC-25A, CCAFS (failure)
- 10/06/1959: GD Atlas SM-65D launched, LC-11, CCAFS
- 10/10/1959: GD Atlas SM-65D launched, LC-13, CCAFS
- 10/12/1959: Lockheed UGM-27 Polaris A1 launched, LC-29A, CCAFS (failure)
- 10/29/1959: GD Atlas CM-65D launched, LC-11, CCAFS

Events in November (10 to 60 years ago)

- **11/02/2009: Lockheed Martin Press Release Lockheed Martin Team Avionics and Ground Systems Soar on NASA's Ares I-X Successful Flight**

- **11/02/2009: Lockheed Martin Press Release Lockheed Martin-Built GPS Satellite achieves 10 years of on-orbit Operations**
- 11/16/2009: STS-129 (Atlantis) launched, LC-39A, KSC; ISS logistics and assembly
- 11/23/2009: Intelsat 14 launched by ULA Atlas V 431, SLC-41, CCAFS
- 11/10/1999: LM Trident D-5 (two) launched, Eastern Test Range
- 11/23/1999: USA-146 launched by LM Atlas IIA, SLC-36B, CCAFS
- 11/23/1989: USA-48 launched by STS-33 (Discovery), LC-39B, KSC
- 11/21/1979: DSCS 2 13, 2 14 launched by MM Titan IIIC/Transtage, LC-40, CCAFS
- **11/14/1969: Apollo 12 Mission launched by Saturn V, LC-39A, KSC (this mission will be profiled in the next MARS STAR)**
- 11/04/1959: GD Atlas SM-65D launched, LC-13, CCAFS
- 11/07/1959: Discoverer 7 launched by Thor DM-18 Agena-A (Lockheed), LC-75-3-4, VAFB (satellite failure)
- 11/20/1959: Discoverer 8 launched by Thor DM-18 Agena-A (Lockheed), LC-75-3-5, VAFB (launch failure)
- 11/24/1959: GD Atlas SM-65D launched, LC-13, CCAFS
- 11/26/1959: Pioneer P-3 launched by Atlas-Able, LC-14, CCAFS (failure)

Events in December (10 to 60 years ago)

- 12/06/2009: WGS-3 launched by ULA Delta IV-M+ (5,4), SLC-37B, CCAFS. Maiden flight of Delta IV-M+ (5,4)
- 12/14/2009: WISE telescope (with LM components) launched by ULA Delta II 7320, SLC-2W, VAFB
- 12/16/2009: Lockheed Martin Press Release Lockheed Martin Achieves Critical Global Ballistic Missile Defense Milestones in 2009
- 12/19/2009: LM UGM-133 Trident II D5 launched, USS Alaska (130th consecutive successful test flight)
- **12/03/1999: LM Mars Polar Lander (and NASA probes Amundsen and Scott) fails to communicate after arriving at Mars and after the cruise stage separation and powered descent phases**
- 12/12/1999: LM DMSP 5D3 F15 launched by LM Titan II 233G, SLC-4W, VAFB
- 12/18/1999: Terra (NASA) launched by LM Atlas IIAS, SLC-3E, VAFG
- **12/20/1999: STS-103 (Discovery) launched, LC-39B, KSC; third LM Hubble Space Telescope servicing Mission**
- 12/04/1979: Classified launch by Thorad-SLV2H-Agena-D (Lockheed), SLC-3W, VAFB

- 12/07/1979: RCA Satcom 3 launched by Delta 3914, LC-17A, CCAFS (failed during GTO)
- 12/09/1959: GD Atlas SM-65D launched, LC-13, CCAFS
- 12/12/1959: MM Titan I HGM-25A launched, LC-16, CCAFS (failure)
- 12/16/1959: Lockheed UGM-27 Polaris A1 launched, LC-29A, CCAFS (failure)
- 12/17/1959: Lockheed UGM-27 Polaris A1 launched, LC-29A, CCAFS
- 12/19/1959: GD Atlas SM-65D launched, LC-13, CCAFS
- 12/23/1959: Lockheed UGM-27 Polaris A1 launched, LC-25B, CCAFS (failure)

Reference websites:

<https://nssdc.gsfc.nasa.gov/planetary/chronology.html#2014>

https://en.wikipedia.org/wiki/Timeline_of_spaceflight

<https://www.ulalaunch.com/missions>

<https://news.lockheedmartin.com/news-releases?year=2019>

<https://space.skyrocket.de>

<http://www.astronautix.com>

Program Profile

Check back in the next MARS STAR for a story about the second lunar landing, the Apollo 12 mission.

Barb Sande, MARS STAR and MARS Facebook Page Historian. Contact me at barbsande@comcast.net or 303-887-8511 or find MARS Associates on Facebook.

MARS Car Club News

By Roger Rieger

rrieger10731@gmail.com

303-912-6217

Greetings and Happy New Year to all you motorheads out there! Although the cars may have been put away for the snow and road gravel season, the club did manage to get together in October at Rosie's diner in Aurora and enjoy some good food and camaraderie. The club was also honored to have been able to make a nice donation from our annual car show registration fee to the Marine Corp Toys for Tots program at the MARS Holiday luncheon. Thank you all!

Our next planned club adventure will be a visit to the Forney Museum of Transportation on the 4th of February. The museum is located at 4303 Brighton Blvd, Denver CO 80216. Besides having a multitude of interesting historical transportation artifacts, the

museum is featuring a special exhibit of "Lead Sleds" for all you American Graffiti fans! Afterwards we will meet at the Blue Moon Brewing Company (3750 Chestnut Pl, Denver CO 80216) for lunch and "adult beverages". It is literally just down the street from the museum. Hope you will be able to join us!

As always, the club invites all car enthusiasts to become members, meet other like-minded people, and enjoy and share our love for the automobile.

Bridge Club

By Dave & Kathy Martz

martz20@comcast.net

"Many games provide fun, but Bridge grips you. It exercises your mind. Your mind can rust, you know, but Bridge prevents the rust from forming." – Omar Sharif

Come join us for our monthly game of bridge! 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.** You'll need to pack a lunch, as we stop midway to eat. 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.

In December, we had our annual Christmas Bridge Lunch. Everyone enjoyed themselves and are looking forward to bridge in 2020.

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 2019 winners are as follows:

October 18 (3 tables)

1st - Bill & Mavis Kacena

2nd - Dave & Kathy Martz

3rd - Ernie & Cecile Berliner
4th - Theodore Bornhoeft & Jerry Baab

November 15 (4 tables)

1st - Theodore Bornhoeft & Jerry Baab
2nd - Bill & Mavis Kacena
3rd - Loman & Pat Park
4th - Ernie & Cecile Berliner

December 20 (4 1/2 tables)

1st - Ernie & Cecile Berliner
2nd - Theodore Bornhoeft & Jerry Baab
3rd - Curt & Phyllis Brudos
4th - Don & Kathy Marquet

Dinner Club

By Becky and Gary Englebright
(englebright@earthlink.net)
303-941-3167 (Gary)
303-263-6457 (Becky), and
Anita and Roy Kannady
(anitakannady@yahoo.com)
303-794-9210

We finished off the year with an excellent Italian lunch at Angelo's Tavern. For some reason, the dining group loves Italian food which is good because the Denver area has several very good Italian restaurants with a wide variety of Italian cuisine.

We will be starting off the New Year with a lunch show at Benihana's. Last year's chefs put on a great show with a special treat for selected individuals. In February, we will be celebrating President's Day with steak at Outback Steakhouse and in March we will celebrate St. Patrick's Day with Chinese at Imperial Chinese.

If you have friends who have been retired for a while, have recently retired or are thinking of retiring, bring them along. Please remember, venues have attendance limits, so you should make your reservations sooner rather than later if you wish to attend.

The restaurants scheduled for the first quarter of 2020 are as follows:

- January 14th – Benihana (Denver)
- February 18th – Outback Steakhouse (Littleton)
- March 17th – Imperial Chinese (Denver)
- April 21st – Maggiano's (Englewood)
- May 18th – Los Dos Potrillos (Littleton)
- June 30th – Cinzetti's (Northglenn)

Check the calendar on the back of the STAR for additional luncheon dates that are scheduled. We continue to explore the restaurant scene looking for new and interesting places to have lunch. If you have a suggestion for a new venue, please let us know. (If you call and we aren't home, please leave a message.) The Denver area has several excellent German restaurants, but most of them don't fit our price range, or location, so if someone know of a German restaurant that fits our requirements, please let us know.

We have scheduled restaurants each month with the goal of keeping our costs in check, recognizing that increases are likely. In addition, we will continue to strive to provide luncheon opportunities that are on the lower end of the scale to help balance the cost. Remember, the luncheon prices always include the tax and tip.

"Lunch hour is the best hour of the day"

Golf League

By Bo Rodriguez
(boandpat@comcast.net)

The 2020 MARS Golf League is just around the corner and our officers are underway in planning our "kick-off" meeting to commence the new season. Each year, we attempt to increase our golf league membership by encouraging MARS Associate members both **men and women** to join.

Our golf league invites you to participate in our summer league that begins on Thursday, April 2 2020. Our league play will be on each Thursday, exclusively at Englewood's Broken Tee Golf Course weather permitting. 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 5th, 2020 at the Broken Tee Golf Course grill (2101 W. Oxford Ave.) at 10:00 A.M. We encourage you to attend this meeting as we will review our league's order of business and the rules of golf imposed by the USGA.

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 also get "Happy Hour" prices on select bar beverages. If you have any questions regarding our

golf league, please feel free to view our MARS website: www.marsretirees.org and click on "Golf" or contact me.

Finally, I want to congratulate Jim Fairchild as being our most improved player in our league last year; his award is well deserved.

Happy New Year to all! I'm looking forward to a fun and successful season with you in our golf league!

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

Hiking Club

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

The hiking club enjoyed many adventures in 2019. Our fall hikes were also well attended.

Vicky Eberhardt arranged our October hike at Sandstone Ranch, a newly acquired open space in Douglas County - not yet ready for the general public. Natural Resource Specialist, Jackie Sanderson, and volunteer, Barb Harbach, took us to four major environments of this working cattle ranch: grazing fields irrigated by very old ditches, an overlook at the high point of this section of the Fountain Formation, Juniper Ridge, and the west fork of Plum Creek populated by firs. Hearing about the history, biology, and geology of this property that abuts the Pike National Forest made us especially appreciate this gem which will be preserved for future generations to enjoy. We concluded with lunch at Charrito's House Mexican Restaurant in Larkspur.



Group at the Overlook of Sandstone Ranch and the Fountain Formation: Pam Alstott, Mike Bartlett, Jim Breite, Jill & Lenny Demchak, Vicky Eberhardt, Val Gregory, Sue Janssen, Mike McKaig, Al McKinney, Sue & Tom Pawlowski, Jeff Schnackel, Lynn & Leonard Shaw, Robin Zen

Tom and Sue Pawlowski organized a pleasant stroll on November 20th at Belmar Park. We had over 20 hikers show up for the easy urban hike and Mexican lunch that followed. Belmar Park is a great choice for an urban hike because it contains Kountze Lake and The Lakewood Heritage Center. Kountze Lake is a surprisingly natural enclave for wildlife right in the middle of the city and has several wildlife viewing platforms. We enjoyed an easy two and a half mile walk that made a small loop around the lake and then a bigger loop around the rest of the park and ended at the Heritage Center which features a number of historic buildings from Lakewood that have been moved to the site to save them from destruction. Beautiful scenery, invigorating exercise, good friends and delicious food & drink made for a pleasant day.



Our hiking group at Belmar Park –at the farm that originally stood on that spot has been preserved.

Robin Zen and Mark Nash organized an urban hike in Arvada on December 18th. The weather was pleasant for a winter walk along Ralston Creek near the Westwood's Golf Course. At the halfway mark, we hiked around Tucker Lake. We had a group of 7 people, and all enjoyed a tasty lunch at the golf course grill after the hike.



Mike Bartlett, Mark Nash, Robin Zen, Jeff Schnackel, Ken Marts, and Glenn Gibson relax on a downed cottonwood tree along Ralston Creek.

One of the "10 essentials" for hiking is "safety." These items should be tailored to your hike. You probably want a first aid kit that contains items to treat anticipated problems such as blisters. You need a device to call for help if necessary: This could be a whistle, a signaling mirror, a satellite messenger, or a cell phone. But, remember that your cell phone may or may not have a reliable signal. Hiking with a buddy is always a good safety measure and is much more fun. Finally, the ultimate safety net is leaving your itinerary with someone. Include where you plan to hike, trailhead(s), your vehicle description, when you will leave and plan to return, and who to contact in case of an emergency. Hopefully you won't need to use any of the safety items, but it is best to be prepared!

We'll be hiking and snowshoeing for our winter outings. 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)

Are you in the market for a hat or shirt imprinted with the MARS logo? Or might you be in need of a discount for a hearing aid, or rental car, or Colorado Rockies tickets? Maybe you would enjoy seeing slide shows of MARS members who attended recent events. All of these, and more, are provided on the main page of the MARS website. At the top of the page, you'll see the "what's new" box, and below that are listed the recent website of the month offerings, and at the bottom are listed MARS members who have recently passed, in case you might desire to attend their memorial service.

The MARS clubs are listed, where you will find membership information and schedules. MARS operational details are there, such as Policy Manual, Bylaws, and officers' contact information. The MARS website, www.marsretirees.org, is an excellent information resource for MARS members. Text underlined and colored blue indicates a link to another web page. Here are the websites of the month from the last quarter.

Oct – 8 common types of computer malware described in
comparitech.com/antivirus/types-of-malware/

Nov – Glenn L. Martin Maryland Aviation Museum www.mdairmuseum.org

Dec – Visually Stimulating Art and Related Topics at www.thisiscolossal.com/

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



Photography Club

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

Photography Club Background

The MARS Photography Club meets at the *Littleton Bemis Library*, at 6014 S. Datura Street, in Littleton, Colorado, from 1:00 PM to 3:30 PM, in the downstairs meeting room. Normally we meet the second Thursday of the month. Each meeting includes a presentation and a friendly print competition. Selected competition winners appear on the *MARS Retirees Website in the Photography Club* section. Please note that we do not meet in *June, July, or August* for summer vacation.

Meeting Presentations

This Quarter we only had one meeting, on November 14th 2019. The October meeting was cancelled because of snow, and in December we had a holiday luncheon at the Café Jordanos restaurant located in the Safeway shopping center at Jewel and Kipling.

The November Photo Club meeting presentation was by **Roger Giellis**, on his cruise trip to the Baltic and the North Sea, which included a stop in **Saint Petersburg Russia**. Roger's image below is of the **Gazprom Tower** that is a business building, and the tallest structure in Russia. The **Gazprom Tower** is located near St. Petersburg.

Gazprom Tower – 87 Stories, Tallest in Russia



Following the club presentation, we have our print competition. Two selected competition image winners from our November 14 meeting are shown below. Larry Stearns won first place a classic style image entitled "Landscape Above Chicago Lakes" and second place was taken by BJ Anthony with an unusual combination of subjects entitled "The Parrot, the Porpoise and the Mermaid"!

First Place



"Sunrise Above Chicago Lakes"
Larry Stearns

Second Place



"The Parrot, the Porpoise and the Mermaid"
BJ Anthony

Please go to the [Mars Retirees](http://www.marsretirees.org) website (www.marsretirees.org , under *Photography Club*) to check for both a summary of our upcoming programs and recent competition winner images. We hope that you will consider joining the MARS Photo-Club.

Joining Our Club

MARS Retirees can become a member of the *MARS Photography Club* by just stopping by one of our meetings and we would love to have you be a part of our club. Share your great vacation trip images, membership is fun, and the only requirement is that you are a MARS Retirees club member. We currently have about twenty active club members. If you have any questions or comments, please contact *John Chapter*, our club President at johnchapter@msn.com.

Colorado Springs Lockheed Martin Retiree Group News

By Doug Tomerlin
(dougincs@aol.com)

Our fall luncheon was held on November 7, 2019 in a private room at the Golden Corral Buffet and Grill in Colorado Springs. We had an excellent turnout of 76 attending the luncheon. The group was honored to have Dick Sosnay, the president elect of MARS Associates and Al Nemes the secretary of MARS Associates in attendance. Dick addressed the group with a discussion of the benefits of joining MARS Associates. Al provided information to several retirees who did not understand the Health Reimbursement Account funds available to many retirees from Lockheed Martin. Dick and Al handed out MARS information packets to the group and discussed benefits with individual retirees.

We had a good number of first time attendees at the luncheon with quite a few retirees bringing their spouse or significant other to the luncheon. Many retirees were excited to visit with two retirees who attended from out of state. A large number of retirees stayed for a long while and visited.

We welcome the following retirees who have joined the Colorado Springs Lockheed Martin Retiree Group since the last newsletter: Jeff Halter, Dale Etchells, Walt Sexauer, Mike Kennedy, Bob Peterson.

We were fortunate, at this point in time, no members of our retiree group passed away since the last newsletter.

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

Cape Canaveral News

By Dick Olson
(Olsons5145@aol.com)

Luncheons

October -- Had a pretty good turn-out this month. No hurricane screwing things up. Present were Wendell McDaniels, Walt Starkey, Abe Smith, Ray Hall, Don Anderson, Ken Hawes, Dave Kintigh, Roger Wright, Roger Schmidt, Chris Hutchmacher, Larry Gleason, Danny Molina, Rick Jones and Tom Savage.

Talked about Benny being here for the Old Car BBQ and wanting to discuss plans for a Titan anniversary next year. Hope we get a good turnout from the Titan folks.

Tom reported that Wes Hutchinson is between treatments and getting around pretty good. Our prayers are with you Wes.

See where we lost a couple Titan wives lately. Marty Blankfield's wife Connie passed in Aug. and Hal Castleton's wife Doris passed in Sept. Our condolences.

Will see you at the BBQ,

November -- We had a pretty good turnout this month. Present were: Hal Castleton, Jerry Moskovitz, Frank Indihar, Jimmy Weddle, Abe Smith, Dave Kintigh, Lynn Johnson, Roger Wright, Larry Gleason, Ken Webb, Don Anderson, Allen Ostendorp, Danny Molina, and Bob Matschner. We all searched our memories and tried to come up with a list of the Titan folks that made it to the Old Car BBQ -- I'm sure it is just a partial list but like they say, short term memory is the second thing to go. Sorry if we missed listing you.

Had a query from Tom Cooper wanting to know if anyone had any info on Dave Tuffs. I haven't seen Dave for a few years and don't have any status. Anyone out there have info on Dave?

December -- Had a pretty good turnout this month. Benny knows how to draw a crowd. Present were: Bob Anderson, Bill Rhode, Abe Smith, Walt Starkey, Ken Hawes, Larry Gleason, Frank Indihar, Jerry Moskovitz, Jimmy Weddle, Chris Hutchmacher, Tom Savage, Dave Kintigh, Roger Wright, Ken Webb, Lynn Johnson, Bob Matschner and a couple guys we haven't seen for a while, Wes Hutchinson and Vince Alderman and a couple

of first timers Cathy Klein and Kim Winters along with Ben Dusenbery.

Ben discussed planning for the upcoming 15th anniversary of the last Titan launch at the Cape scheduled for May 2, 2020. We talked about: locations, KARS park and the Merritt Island Moose were mentioned, the need for volunteers and about setting up a conference call to beat around ideas. Benny will set up the call and let us know time, date and number. If you have thoughts or ideas let Benny know at "bendusey@gmail.com".

Take a moment to reflect on the Cape Titan Team members no longer with us. This year we lost Grover Rowe, Jack Baltar, Monty Balongue, Hal Hahn, Chuck Kuhn, Leroy White, and Cal Moser. They will be missed.

Would like to wish everyone a Merry Christmas and a Happy New Year.

January -- Had a light turnout this month -- must be because it takes us old folks longer to heal after a wild New Years Eve party. Present were: Wendell McDaniels, Bill Rhode, Ken Hawes, Bill Masterson, Frank Indihar, Jerry Moskovitz, Jimmy Weddle, Roger Wright, Ken Webb, and someone we haven't seen for a while, Herb Matthias.

I got an e-mail from Tom Cooper wondering about Steve Androsko. Nobody at lunch had a status on Steve. Anyone have any info?

Talked about the Titan reunion scheduled for May 2nd. If you have an input you can join the telcon on Jan 7th at 11:00AM MST (1:00 EST) at 425-436-6200, access code 462-385, or send an e-mail to Ben at "Titanreunion2020@gmail.com".

Hope everybody had a happy holiday season and wish you a great 2020.

2019 Old Car BBQ --Had a great turnout at the Old Car BBQ on a beautiful day. 2019 Old Car BBQ Titan Team attendees included: Lynn Johnson, Trudy Perry, Donna Dean, Tom Kunka, Dan and Kelly DeFasio, George Chambers, Jerry Woodcock, Jim Simmons, Lee Pollard, Gerry Geeser, Micky and Patty Moffitt, Jim Centore, Jerry and Karen Jamison, Danny Molna, Amy Jenkins, Tom Griffin, Kathy Jones, Chuck Gross, Bob Matschner, Jerry Close, Fred Cromwell, Andrew Kornoski, Bill Masterson, Judy Biancone, Jimmy Weddle, Rich Tennis, Frank Indihar, Bill Ridenbaugh, Ken Montgomery, Linda Lee Matthias, Rick Snedeker, Roger Wright, Erin George, Tom Savage, Wes Hutchinson, Gary Jones, Jackie Taylor, Gary Taylor, Cathy Klein.

One small emergency -- ran out of beer but another keg fixed that. We estimate there were around 150 show cars and we fed about 340 people. Quite a few Titan Team members made it to our final show and I hope everyone had a good time.

Recent Obituaries

Chuck Kuhn, 91, passed away Sept. 13th. One of our Titan team members, Chuck work in the Finance Department at the MRL for years.

LeRoy White, 85, passed away on Oct. 8 after his fight with prostate cancer. Leroy was heritage General Dynamics and his expertise was the Atlas and Centaur Propellant Utilization systems. He supported Tiger Team activities on Atlas Centaur and Titan Centaur as the P/U P.I.E

Mary Lou Kroc, 102, the widow of Richard (Dick) Kroc passed away on October 2. Dick worked at both Denver and Cape Canaveral operations in the 60s and 70s (he passed in 2011).

Cal Moser, passed away November 19th from a massive heart attack.

Patricia Bridget Ostendorp, 76, wife of Alan Ostendorp, passed away peacefully Sunday, December 1, 2019 at her home on Merritt Island.

Lillie Belle Shuey, wife of Robert Shuey Jr., passed away on Friday after Thanksgiving due to complications caused by Dementia.

Martin Marietta Retiree's Club (Vandenberg News)

By Charlie Radaz
(fcmjradaz@aol.com)

We held our annual Christmas luncheon at the Vandenberg Village Country Club Clubhouse with a few of the remaining members of our recently disbanded VLO Martin Marietta Retirees Club. Bud Gurney led us in our Pledge of Allegiance, our prayer, and then told his two typically bad jokes much to our delight. Really, we had a great group of friends and previous associates, a great meal, light showers, looking out over a beautiful golf course, and just in general enjoyed the time together.

Wishing each of you and yours the very best-ever celebration of the birth of Christ, and the most blessed of beginnings of a new year - 2020. (Reminds me of an old song, a favorite, 'In the Year 2525'.)

See the two pictures of today's members and friends who attended the luncheon on page 20. The 1st is of just the women folk and the 2nd is of the group. Enjoy! See how many you remember and can recognize. A few of us have changed a bit.

Lockheed Martin (LM) News

Lockheed Martin Bringing 'Unexpected Guest' to Reagan National Defense Forum

Lockheed Martin (LMT) and the Ronald Reagan Presidential Foundation and Institute are partnering on a permanent static display for the F-117 Nighthawk that bears the nickname "Unexpected Guest." The display will be debuted at a ribbon cutting ceremony during the Reagan National Defense Forum on Dec. 7.

The joint project referred to as "Operation Nighthawk Landing" was made possible by a permanent loan to the Reagan Foundation from the National Museum of the U.S. Air Force. To support the Air Force in their loan, the Lockheed Martin Skunk Works® is restoring the aircraft in preparation for its permanent exhibition at the Reagan Library.

F-117 #803's nickname "Unexpected Guest" alludes to the extreme secrecy that surrounded the F-117 Nighthawk program as well as the stealth aircraft's ability to go undetected by enemy radar. This fitting nickname was inspired by the 1982 heavy metal album "Unexpected Guest" by the band Demon.

Developed in complete secrecy by Lockheed Martin Skunk Works, the F-117 was the world's first operational stealth aircraft. Deemed impossible, it is a tangible reminder of what can be achieved through teamwork, passion and determination.

For additional information, visit our website:
www.lockheedmartin.com/f-117

About the Ronald Reagan Presidential Foundation & Institute: The Ronald Reagan Presidential Foundation and Institute is the nonprofit organization created by President Reagan himself and specifically charged by him with continuing his legacy and sharing his principles - individual liberty, economic opportunity, global democracy and national pride.
www.reaganfoundation.org

Lockheed Martin Delivers Mars 2020 Rover Aeroshell to Launch Site

The capsule-shaped aeroshell that will protect NASA's Mars 2020 rover was delivered to NASA's Kennedy Space Center on December 12. Built by Lockheed Martin (LMT), the aeroshell will encapsulate and protect the Mars 2020 rover during its deep space cruise to Mars, and from the intense heat as the entry system descends through the Martian atmosphere to the surface of Mars.

Because of the large mass and unique entry trajectory profile that could create external temperatures up to 3,800 degrees Fahrenheit, the heat shield uses a tiled Phenolic Impregnated Carbon Ablator (PICA) thermal protection system instead of the Mars heritage Super Lightweight Ablator (SLA) 561V. This will only be the second time PICA has flown on a Mars mission.



Lockheed Martin Mars 2020 Aeroshell

"Even though we have the experience of building the nearly identical aeroshell for the Curiosity Rover, the almost 15-foot diameter composite structure was just as big a challenge to build and test 10 years later," said Neil Tice, Mars 2020 aeroshell program manager at Lockheed Martin Space. "We've built every Mars aeroshell entry system for NASA of its 40 years of exploring Mars, so we pulled from that experience to build this important system."

Along with the Curiosity mission, this is the largest aeroshell/heat shield ever built for a planetary mission at 4.5 meters (nearly 15 feet) in diameter. In contrast, the aeroshell/heat shield of the [InSight lander](#) measured 8.6 feet and Apollo capsule heat shields measured just less than 13 feet.

The backshell and heat shield were transported from Lockheed Martin's Waterton facility in Littleton, Colorado where they were built, to nearby Buckley Air Force Base. They were then loaded onto an Air Force transport plane and flown to NASA's Kennedy Space Center.

Recently, Lockheed Martin integrated the MSL Entry Descent and Landing Instrument ([MEDLI2](#)) onto the heat shield and backshell. Provided by NASA's Langley and Ames Research Centers, MEDLI2 will collect temperature and pressure data during the spacecraft's descent through the Martian atmosphere.

The [Mars 2020 rover](#) is in testing at NASA's Jet Propulsion Laboratory, Pasadena, California, which manages the Mars 2020 project for the NASA Science Mission Directorate, Washington. The mission will launch in July 2020 and land on Mars in February 2021 at the Jezero Crater.

More information: <https://www.lockheedmartin.com/en-us/capabilities/space/aeroshell-space.html>

United Launch Alliance News

United Launch Alliance Successfully Launches the Boeing Starliner Spacecraft on the Orbital Flight Test

Cape Canaveral Air Force Station, Fla., (Dec. 20, 2019) – A United Launch Alliance (ULA) Atlas V rocket carrying Boeing's Starliner capsule on the Orbital Flight Test lifted off on Dec. 20 at 6:36:43 a.m. EST, from Space Launch Complex-41 at Cape Canaveral Air Force Station. This marks the 81st launch of an Atlas V rocket and ULA's 136th successful launch.

"We had a successful launch and initial indications are that we demonstrated the launch vehicle test objectives, performance enhancements, and the mission unique modifications developed for the safety of human spaceflight," said Tory Bruno, president and CEO, United Launch Alliance. "We achieved spacecraft separation as planned. We will continue to support our Boeing and NASA partners as they work to bring Starliner home."

ULA's next launch is the Solar Orbiter mission for the European Space Agency and NASA onboard an Atlas V 411. The launch is scheduled for Feb. 5, 2020, from Space Launch Complex-41 at Cape Canaveral.





MARS ASSOCIATES

2020 MEMBERSHIP RENEWAL (DUES) NOTICE

It is time for **all** regular and senior members to renew your membership for the year March 1, 2020 — February 28, 2021, 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, 2020.

Members whose dues are not paid as of March 31, 2020, 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, Carl Kaminski, at **CARLCOLO@CENTURYLINK.NET** or 303-726-1546.

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 the New Members MARS Membership Application form found on the website (MARSRETIREEES.ORG → [MEMBERSHIP](#)) or contact Carl at CARLCOLO@CENTURYLINK.NET.)

Membership dues for FY2020 are as follows:

(Please check appropriate box.)

- Current Regular Member residing in Colorado **all or part** of the year. \$15.00 ·
- Current Regular Member residing full-time outside Colorado. \$10.00 ·
- Current Senior Member (or surviving spouse) whether residing in Colorado or out of state, whose retiree-member birth date is earlier than March 1, 1945, and who has paid dues the last two years. \$10.00 ·

Check # _____ Check Date _____

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

Name(s) _____

Spouse (or significant other) _____

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 ·

Are you interested in volunteering in support of MARS? 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

- **Low annual membership dues** - \$15.00 in-Colorado, \$10.00 out-of-Colorado and seniors (≥ 75 years of age); includes you and your spouse or significant other
- **Dental, Vision** at very reasonable rates
- **Vendor Discounts** – visit our website (<http://www.marsretirees.org>)
- **Social Events** – annual picnic, happy hours, luncheons, Rockies games, etc.
- **MARS STAR Quarterly Newsletter** – information on past and current events relating to the organization as well as Corporate, LMSSC and ULA happenings
- **Informational & Educational Presentations** – periodic seminars on topics of interest (e.g. Medicare 101)
- **Connectivity with other retirement associations throughout the corporation**

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 Support 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 (see the Bylaws and Policy Manual posted on the MARS website)

Current Club Activities

- **Bridge Club** – lively party bridge, singles welcome
- **Car Club** - Invites all car enthusiasts to become members, meet other like-minded people, and enjoy and share our love for the automobile.
- **Dinner Club** – private lunches, brunches and dinners at attractive and reasonably priced 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** – You are encouraged to start a club for your special interest

There is something for everyone to enjoy and all activities are open to all members. Come check us out on our website at <http://www.marsretirees.org> for more information.

MARS ASSOCIATES IS A REGISTERED 501(c) (7) SOCIAL AND RECREATION CLUB



MARS ANNUAL MEETING & LUNCHEON

The Officers and Board of Directors of MARS Associates are pleased to invite you, your spouse/companion and guests to the Annual Meeting and Luncheon on **Wednesday, March 4, 2020, at the Pinehurst Country Club.** A map to the club is on the reverse of this flyer.

Doors will open at **11:00 a.m.** and the luncheon will be served at **12:00 noon.** This year the event will include a celebration of the **35th Anniversary of MARS,** a presentation by a guest speaker, and the Annual Meeting Agenda.

There will 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 Top Sirloin with Blue Cheese Crumbles, Chicken with Roasted Red Pepper Sauce, and Lightly Seasoned Grilled Salmon. The meal includes mixed green salad with dressing, quinoa pilaf, roasted 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 Top Sirloin with Blue Cheese Crumbles	\$25.00	\$43.00
Chicken with Roasted Red Pepper Sauce	\$20.00	\$43.00
Lightly Seasoned 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 February 26, 2020.

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, Linda Duby at 303-249-1665 or lindaduby@comcast.net, or Carl Kaminski at 303-726-1546 or carlcolo@centurlink.net no later than February 26, 2020 to receive a refund. Admission is by reservation only.

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

2020 MARS Annual Meeting & Luncheon Reservation Form Please Print Clearly.

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

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



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	April 9, 2020 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.

Brought to you by:



IN PARTNERSHIP WITH

RED



ROCKS®
CREDIT UNION





RED ROCKS CREDIT UNION CORPORATE OFFICE

8195 SouthPark Lane | Littleton, CO 80120



Lunch on Tuesday, April 21st, 2020

Join your fellow MARS Associates for a wonderful lunch at



Maggiano's Little Italy



7401 S. Clinton St., Englewood, CO 80112

(see map on back)

303-858-1405

Lunch will be served at Noon.

Featuring a customized family-style menu of fresh Ciabatta Rolls, Appetizers, Salad, Entrées, Desserts and non-alcoholic beverages. Cash bar will be available. (Tax and gratuity included.)

Seating is LIMITED to 60

\$30/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 13th, 2020** to

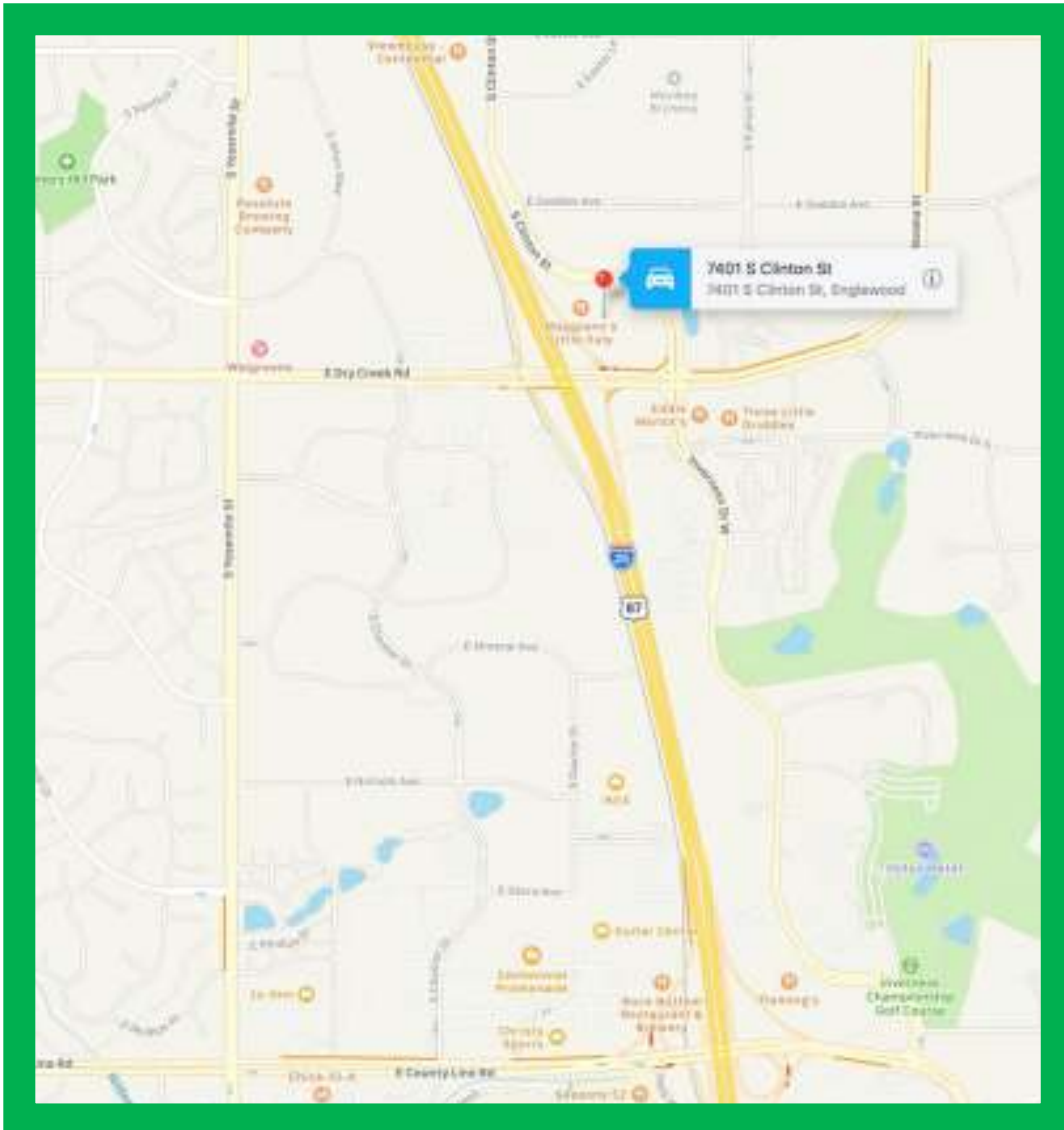
Becky and Gary Englebright
7855 S. Vance Ct.
Littleton, CO 80128
303-941-3167 or 303-263-6457
englebright@earthlink.net

If you need to cancel, please let us know no later than April 13th to receive a refund.

Lunch at Maggiano's on Tuesday, April 21st, 2020

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

Map to Maggiano's Little Italy



7401 S. Clinton St., Englewood, CO 80112
303-858-1405

Lunch on Monday, May 18th, 2020

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 Noon.

Featuring delicious Mexican entrées and sopapillas for dessert. Non-alcoholic beverages are included. Cash bar will be available. (Tax and gratuity included.)

Seating is LIMITED to 60

\$25/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 9th, 2020** to

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

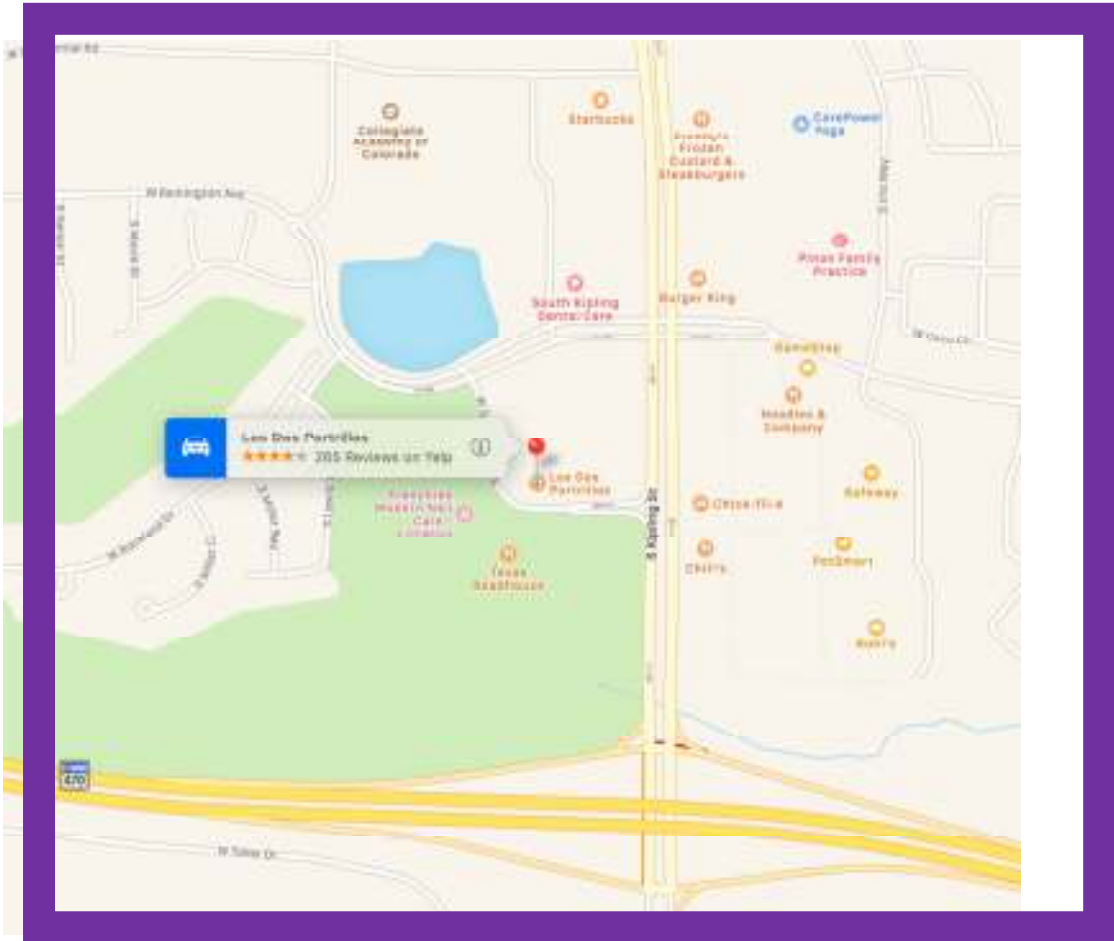
If you need to cancel, please let us know no later than May 9th to receive a refund.

Lunch at Los Dos Potrillos on Monday, May 18th, 2020

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

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

Map to Los Dos Potrillos



10065 W. San Juan Way, Littleton, Co 80127
303-948-1552

Lunch on Tuesday, June 30th, 2020

Join your fellow MARS Associates for a wonderful lunch at

Cinzzetti's



281 W. 104th Ave., Northglenn, CO 80204
(see map on back)
303-451-7300



Lunch will be served at Noon.
(Doors open at 11:30 am)

Featuring a delicious Italian buffet including salads, entrées, desserts and non-alcoholic beverages. Cash bar will be available. (Tax and gratuity included.)

Seating is LIMITED to 60
\$16/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 22nd, 2020** to

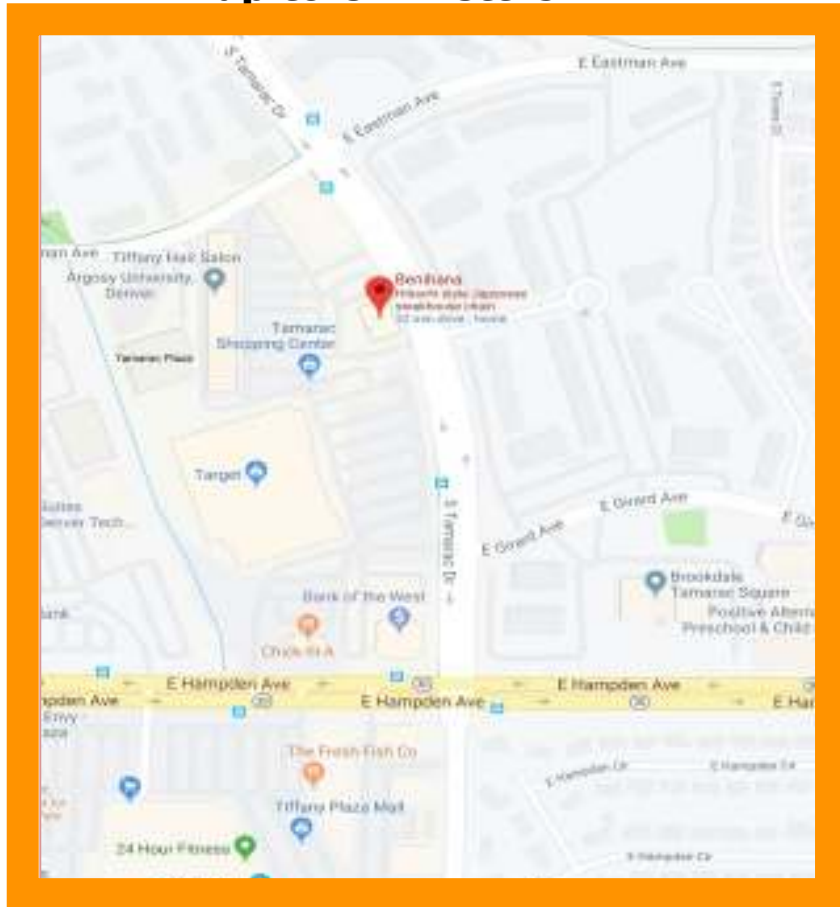
Becky and Gary Englebright
7855 S. Vance Ct.
Littleton, CO 80128
303-941-3167 or 303-263-6457
englebright@earthlink.net

If you need to cancel, please let us know no later than June 22nd to receive a refund.

Lunch at Cinzzetti's on Tuesday, June 30th, 2020

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

Map to Cinzzetti's



281 W. 104th Ave., Northglenn, CO 80204
303-451-7300



MARS Retiree Dental Plan Enrollment Form - Low Plan Option

I agree to the transfer of my Delta Patient Direct dental plan to Beta Health Association’s Alpha Dental Plan and making automatic payments to Beta Health Association. I understand that I have the option to pay monthly, quarterly, or annually.

You will receive the first month free if this enrollment form is received by Beta Health Association on or before February 15, 2020. There will be no change in the network providers, pricing, or discounted services you are currently enjoying.

Effective date: 3/1/2020

Name: _____

Address: _____

E-Mail: _____

Phone number: _____ Date of Birth: _____

Provider (Dentist): _____ Provider #: _____

(See <https://www.alphadentalplan.com/dental-providers/> for a list of network providers.)

Dependents to be covered on the plan:

Spouse’s Name: _____ Spouse’s Date of Birth: _____

Dependent’s Name: _____ Dependent’s Date of Birth: _____

Dependent’s Name: _____ Dependent’s Date of Birth: _____

Step #1 - Select your method of payment (please complete the section that applies to your payment choice)

Credit card recurring payment

Credit Card Number: _____

Type: MasterCard Visa Discover Expiration Date: _____

I authorize automated renewal payments to be taken from the above account for my dental plan:

Signature _____ Date: _____

Checking or savings account recurring payment

Bank Name: _____

Bank Account #: _____ Bank Routing #: _____

I authorize automated renewal payments to be taken from the above account for my dental plan:

Signature _____ Date: _____

Step #2 - Select the frequency of payment

	Monthly	Quarterly	Annually
Member only	<input type="checkbox"/> \$12.75	<input type="checkbox"/> \$38.25	<input type="checkbox"/> \$153.00
Member + 1	<input type="checkbox"/> \$22.75	<input type="checkbox"/> \$68.25	<input type="checkbox"/> \$273.00
Member + Family	<input type="checkbox"/> \$32.75	<input type="checkbox"/> \$98.25	<input type="checkbox"/> \$393.00

To ensure a smooth transition, please complete this form and return it to us as soon as possible:

- **BY MAIL:** Beta Health Association, DPD Transition Dept, 6200 S Syracuse Way, Suite 460, Greenwood Village, CO 80111
- **BY FAX:** 303-369-1051
- **BY EMAIL:** Operations@betadental.com

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

**League play every Thursday April 2nd thru October
(weather permitting)**



- ✓ Weekly Prize Money
 - Closest To The Pin
 - Low Net Winners per Flight(s)
- ✓ Certified USGA Handicap System
 - CGA Membership
 - 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 5, 2020
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**

Holiday Celebration Photos from 4 Dec 2019 provided by Stephen Sande



MARS Holiday Celebration



MARS Holiday Celebration



In Memoriam Presentation





Marianne Selby, Hazel Chapman and Beth Maes



Bob & Jo Wessels, Bill Hershenow



Sue Czajka, Jerre Gardiner and Debbie Fowler



Larry Major, Karen Pauben and Carol Lovelace



Marilyn & Al Nemes



Diane & Bart Wright



Darold & Mary Groat



Pat & Bo Rodriguez



Jim & Doreen Ryan



Charlie & Glenda Haupt



Eleanor & Fritz Berns



Linda & Larry Stearns



Jim Boatwright and Beth Worthington



Laurie Nelson and Bob Thibault



Ron & Kathy Rieger



Patricia & Loman Park



Art & Gloria Rosener

See More Pictures at the MARS Retiree Website www.marsretirees.org

Schedule Addendum (See last page)

1. BOD meets 1st Wednesday of every other month at Red Rocks Credit Union Corporate Offices at 09:30 am.
2. Officers meet 1st Wednesday of every month at TBD 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 14th - BENIHANA (Denver); Feb 18 - Outback Steakhouse (Littleton); Mar 17th - Imperial Chinese (Denver); Apr 21 - Maggiano's (Englewood); May 18 - Los Dos Portrillos (Littleton); Jun 30 - Cinzzetti's (Northglen)
5. Golf club meets every Thursday from April through Oct of each year.
6. Hiking Club: Outings on 3rd Wednesday of the month. Check website for Point of Contact for each hike.
7. Photo Club meets 2nd Thursday every month (except Jun, Jul & Aug) at 1:00 pm at the 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. **2020** Annual Meeting -Mar 4 at Pinehurst Country Club
10. Medicare Seminar - Apr 9 at Red Rocks Credit Union Corporate Offices
11. Happy Hour - May 20 at TBD
12. **2020** MARS Day at the Rockies -Jun 24
13. **2020** Senior Recognition Luncheon - Jul 8
14. **2020** Annual Picnic - Sept 9 at Clement Park
15. **2020** Holiday Celebration - Dec 2 at Pinehurst Country Club

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



ASSOCIATES

**P.O. Box 1128
LITTLETON, CO 80160**

ADDRESS SERVICE REQUESTED

PRESORTED STANDARD
US POSTAGE
PAID
LITTLETON, CO
PERMIT NO. 245



DATE: Jan 2020

EVENT/MONTH	2020											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Board of Directors	8		3		6		1		2		4	
Officers	8	5	3	1	6	3	1	5	2	7	4	2
Bridge Club	17	21	20	17	22	19	17	21	18	16	20	18
Dinner Club	14	18	17	21	18	30	TBD	TBD	TBD	TBD	TBD	-
Golf Club	-	-	-	Thur	Thur	Thur	Thur	Thur	Thur	Thur	-	-
Hiking Club	15	19	18	15	20	17	15	19	16	21	18	16
Photo Club	9	13	12	9	14	-	-	-	10	8	12	12
Web Committee	7	4	2	3/31	5	2	6/30	4	1	6	3	1
MARS Events												
Annual Meeting			4									
Medicare Seminar				9								
Happy Hour					20							
CO Rockies Game						24						
Senior Recognition Luncheon							8					
Annual Picnic									9			
Holiday Celebration												2
MARS STAR Schedule												
Items due for MARS STAR												
STAR Flyers Due to Comms	2			1			6			5		
STAR Input to Editor	3			2			7			6		
STAR Repro. Deadline	13			13			20			19		
STAR Mailing	22			22			29			28		