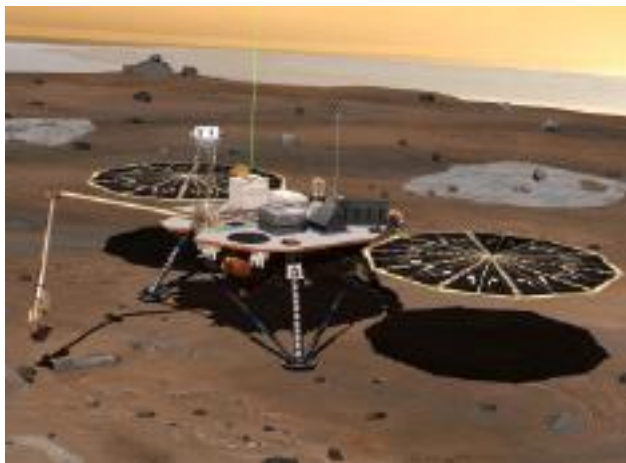




*Sponsored by LOCKHEED MARTIN*

**25<sup>th</sup> Anniversary**  
**1985 - 2010**

# MARS STAR



**MARS EVENTS for  
This Quarter!!**

**Annual Picnic  
September 8, 2010  
Clement Park @  
11:00 am**

## OFFICERS

President	Bo Rodriquez	303-798-9157
President-Elect	Allen Sanders	303-973-4135
VP Activities	Dale Benesch	303-730-7643
Assoc. VP Activities	Al Hartford	303-979-0271
VP Business	Don Jackson	303-690-6005
VP Communication	Bonnie Snodgress	303-660-8408
VP Membership	Linda Stearns	303-797-3557
Treasurer	Duane Del Duca	303-904-9530
Secretary	Jane Alley	303-988-2238
Historian (JAN)	Dr. Ben Clark	303-979-4178
Historian (APR)	Ed Bock	303-683-0766
Historian (JUL)	Jim Rivers	303-978-9971
Historian (OCT)	Carlos de Moraes	303-781-7166

## MARS STAR

Co-Editor	Ken Jones	303-972-2453
Co-Editor	Tom Pighetti	303-979-7933
Assoc. Editor	Pat Kenning	303-794-0357
Photographer	Ted Bornhoeft	303-933-9730
Memorials	Roy & Anita Kannady	303-794-9210
Webmaster	Jim Kummer	303-986-3966
Distribution	Hazel Chapman	303-789-1131
<u>Reporting:</u>		
Denver	Pat Kenning	303-794-0357
Special News	Matt Grogan	303-795-1218
Baltimore	Dottie Ruth	410-665-3207
Michoud	Greg Kaminski	985-641-3857
Cape Canavil	Carl Welton	321-783-0548
Orlando	Andrea Lawrence	407-340-8602
Vandenberg	Charlie Radaz	805-733-2051
ULA	Chris Chavez	303-269-5550

## CLUB CONTACTS

Bridge	Dave & Kathy Martz	303-683-9524
Dinner	R & Carole Dergance	303-795-9475
Golf	Gregor Smith	303-699-8637
Photography	John Chapter	303-986-8277
Planners	Dolph Hellman	303-794-0852
EzyBytes	Paul Bingham	303-798-0865

## **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	Dave Martz(Chairman)	303-683-9524
Director	Gene Cody	303-770-9166
Director	Bev Dare	303-986-8406
Director	Bette Henson	303-794-3859
Director	Bob Lines	303-973-8838
Director	Joe Marcus	303-697-6488
Past President	Ralph Dergance	303-795-9475

## IMPORTANT PHONE NUMBERS

LM Employee Service Center	1-866-562-2363
Savings Information Line (ING)	1-800-444-4015
Aetna Plans	1-888-562-8111
CIGNA Point of Service (POS) (Hourly Only)	1-800-244-6224
Kaiser Permanente	303-338-3800
PacifiCare – Hourly only	1-800-877-9777
LMHealthworks Plan	1-877-458-4975
MEDCO Prescription Drugs	1-877-458-4975
Vision Service Plan	1-800-877-7195
Delta Dental of Colorado	303-889-8609
	1-800-233-0860
Kay Girodo	303-889-8609
kgirodo@ddpco.com	
Jaimie Atencio	303-889-8637
jatencio@ddpco.com	
Peliton Benefits	303-850-4798
LTC/Vision/Dental	
Ed Pittaway	

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

**MARSWEBSITE: <http://www.marsretirees.org>**

**IMPORTANT**  
**REMINDER**

**Annual Picnic**  
**September 8, 2010**  
**Clement Park**  
**@ 11:00 am**



## President's Corner

By Bo Rodriguez

([boandpat@comcast.net](mailto:boandpat@comcast.net))

In the April 2010 issue of the MARS *STAR*, I mentioned this year marks the 25<sup>th</sup> anniversary of MARS Associates. To commemorate this grand milestone, your officers and Board of Directors have been actively planning this commemorative occasion with several events scheduled throughout the remainder of this year. Please come and join us in celebration at all of the events we have planned. MARS Associates has applied to and received acceptance to participate in this year's Western Welcome Week Parade in Littleton, Colorado. Our entry into the parade will be a large float displaying replicas of our aerospace heritage that we have directly or indirectly influenced. Bob and Bonnie Snodgrass have offered the use of their low-bed trailer and truck to serve as the foundation of the float. In the history of our organization this will be the first time we've embarked upon such an undertaking. The Parade will take place on **Saturday, August 21st** starting at Gallup Street and Littleton Boulevard and will proceed west on Littleton Blvd. through downtown Littleton on Main Street. Come join us at the Western Welcome Week Parade to reinforce our presence in the community over the past 25 years! Allen Sanders, President-Elect is coordinating the float activity by acquisitioning salvage materials and requesting the use of display models from Lockheed Martin Space Systems Company. See Allen's article (Next Up!) for more information about the parade float in this issue of the MARS Star.

Also to commemorate our 25<sup>th</sup> anniversary, we have arranged through the Colorado Rockies Baseball Club a night at the Rockies! The Rockies have designated the game on **Tuesday, September 14<sup>th</sup>** against the San Diego Padres at a special discounted price to recognize MARS Associates and its 25<sup>th</sup> anniversary. Please refer to the enclosed flyer for detailed information on the price per ticket and ticket ordering instructions.

Over the past twenty-five years MARS Associates has been responsible for sponsoring many social events that have allowed our membership to stay connected with each other. As I reflect back on

some of my interaction with fellow MARS members I can't help but recall a recent conversation I had on the golf course with Buck Reynolds. At the time, Buck was describing to me his anticipation of a busy week ahead. Buck and his wife Betty were preparing to celebrate their 60<sup>th</sup> wedding anniversary on June 3rd with family and friends. Buck went on to say he and Betty married at an early age in Baltimore, Maryland at Saint Benedict Church. Their immediate family consists of six children, thirteen grandchildren and six great-grandchildren with another one on the way. Congratulations Buck and Betty, ...may you continue to celebrate many more years together in your marriage!

As we celebrate this eventful year, let's embrace the fellowship opportunities our organization affords us by participating fully in our social events and club activities. In this issue, Co-editor Tom Pighetti has written a fascinating article summarizing the 25-year history of MARS Associates. Perhaps when you read his article it will trigger a desire within you to reconnect with a former co-worker and/or a fellow MARS member at one of our events.

Recently Allen Sanders and I met with Rich Kludt, Vice President of Human Resources of Lockheed Martin Space Systems Company to obtain an update on the company's decision to retain Kaiser Permanente medical health insurance through 2011 for retirees under age 65. Rich stated that employee and retiree focus groups were conducted in May in Denver, CO, Sunnyvale, CA, and Palmdale, CA, to gather information that will assist the company in determining the future relationship with Kaiser Permanente beyond 2011. Although a formal announcement by the company has not been made at this point in time, the company intends to offer the Kaiser Permanente medical health insurance plan in 2011 for those retirees currently enrolled with them. Rich went on to say that Kaiser Permanente was very popular with the retiree focus groups. As you may recall, late last year Lockheed Martin Corporation introduced the LM Healthworks Plan to replace all of their medical insurance plans with the exception of Kaiser Permanente for both retirees and active employees that were under 65 years of age at the beginning of 2010. Kaiser Permanente was retained in California and Colorado as a temporary measure due to the complexity of accommodating the large number of Kaiser Permanente enrollees into the LM Healthworks Plan. **Over age 65** (Medicare eligible) enrollees are not affected and are able to retain their medical insurance plans in 2011.

We need your help!! It is that time of the year for me to remind our membership that open positions on the Board of Directors and certain officer positions are coming available in early 2011. As you may know, our bylaws restrict directors and officers to no more the two, two-year terms in office. As you can expect some directors and officers have honorably completed their voluntary duty in office and need to be replaced. I encourage our members to help by stepping up and volunteering for these leadership positions and furthering the cause of MARS Associates in the immediate future. We would like to continue our mission to keep our retirees best interests at heart through strong leadership. If you are interested in serving, please contact Don Jackson, Allen Sanders or me. We would like to hear from you.

Hats off to Allen Sanders! Allen pulled off a surprise birthday party for his wife Sally recently by leading her to believe the event they were going to attend was a birthday party for a bridge player friend that lives in their neighborhood. Allen arrange with the concurrence of their bridge playing friend to have a birthday party invitation sent to his address inviting Sally and himself to their friends birthday party at their community club house. When they arrived, to Sally's surprise friends and relatives from as far away as Ohio and Arizona as well as locally were there to greet her and wish her a happy 60<sup>th</sup> birthday.

If you have any questions or comments regarding MARS Associates activities please feel free to contact me either by telephone or e-mail.



### **Next Up!!!**

By Allen Sanders  
([ALSAL75@comcast.net](mailto:ALSAL75@comcast.net))

MARS is a great organization and opportunity to stay connected with Lockheed Martin Corporation activities and with your fellow retirees, and I believe the annual dues are worth it just for the newsletters and other information exchanges. But if you are not also participating in social and administrative activities of MARS, you are missing out on many

more opportunities to socialize and stay connected in retirement, as well as missing out on lots of fun. Activities, events and the administration of MARS are usually participated in by a comparatively small number of the same members. I want to invite and encourage more members of MARS to participate in the organization. Come join the rest of us in the clubs and social events. And contact any of the Officers or BOD to make us aware of your likes and desires about MARS and to see how you can help out with the running of the MARS organization. The more participation we have the better we will be able to serve the needs of our members.

Western Welcome Week is held in Littleton every summer with activities and a parade enjoyed widely in the community. This year, MARS has registered to participate by having a float in the parade in celebration of our twenty-fifth anniversary. Bob Snodgrass has a flat bed trailer that we are going to turn into a float commemorating MARS and also Lockheed Martin in general. We have had discussions with Lockheed Martin about borrowing some of their displays/models for the float. Anyone who would like to help with the float or has ideas/material to contribute to the cause should give me a call. Also, plan on attending the parade and other events in downtown Littleton in August.

MARS recently became aware of an informal but very active group of Lockheed Martin Corporation retirees who live in Colorado Springs (primarily retirees from the LMC areas in the Springs: IS&GS, Philco, Ford Aerospace, Loral.) Some are MARS members but most are not. They are informally organized and administered with no club dues or newsletters, but very active via email information exchange and pay-as-you-go luncheons twice a year. Bo Rodriguez and I were recently invited to attend their spring luncheon. We had a great lunch and were afforded the opportunity to meet many of the group and to also explain a little about the MARS organization and benefits. We contacted MARS members who live in the Colorado Springs area and made them aware of the group.

I look forwarding to seeing many of you at our Annual Picnic on September 8th.

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### **From the Editor's Desk**

By Ken Jones  
([pudnhead1@msn.com](mailto:pudnhead1@msn.com))

**Article written by Bob Lines**

***SPECIAL SHIRT OFFER***

To help commemorate the 25th anniversary of MARS Associates, we've added a new shirt. Many of the officers and directors have already purchased them and you will see them worn at the Senior Lunch and at the Picnic this year. We've chosen styles 437 (men) and 437W (women) in Light Blue. It will have the MARS logo as usual, but below the word "Associates" we're adding "25 Years" at no additional cost. It's still just \$19. If you want to order one, go to the MARS website <http://marsretires.org>, scroll down to the "Click here to order your MARS Team Cap and Shirt" and print an order blank. Fill out the form with Style 437 or 437W, Light Blue, \$19 each. Add "25th Year" below the Light Blue entry, and mail the form and check as directed on the form. If you have question, give me, Bob Lines, a call at 303-973-8838.



**Activities Updates**

By Dale Benesch  
([dalebenesch@yahoo.com](mailto:dalebenesch@yahoo.com))

The **2010 Senior Luncheon** will be held on Wednesday, July 21, 2010. We are returning to the Pinehurst Country Club after a wonderful event in 2009. Hope all you "youngsters" over 75 will attend!

The **2010 Annual Picnic** has been scheduled for Wednesday, September 8, 2010 at Clement Park and will be part of our 25-year celebration. We will have the same menu as last year with our "two cookie" rule so everyone will be able to enjoy the cookies. Hope the weather is with us again this year.

The **Annual Dinner Dance** will again be held at the Denver Tech Center Marriott Hotel. The celebration is scheduled for Wednesday, December 1, 2010. Joni Janak and her band will play again this year.

Planning ahead? Here are some **activity dates for next year.**

2011 Annual Meeting:	March 16, 2011
2011 Senior Lunch:	July 13, 2011
2011 Annual Picnic:	September 14, 2011
2011 Holiday Dinner:	December 7, 2011



**Senior Fare**

By Don Jackson  
([donnvet@yahoo.com](mailto:donnvet@yahoo.com))

Good day fellow MARS members. Our mortality is a given but losing a loved one tends to create a period of uncertainty and maybe some confusion. Recently I received a document that should make handling the loss of one's spouse easier. The contents of that document are as follows:

***When we lose a spouse***

Within a reasonable amount of time, an immediate family member or the surviving spouse or the retiree (when the spouse passes first) must contact the **Lockheed Martin Service Center at: 1-866-562-2363 to report the loss.** When you call this number, it will direct you through a series of prompts; prompt 3 (To Report a Death) allow you to speak with a customer service representative. You will need to have the deceased individuals social security number and date of death available in order to report the event. A case manager will be assigned to assist the beneficiary through the process and will send a letter regarding what documentation will be required. In addition, the beneficiary may contact the case manager regarding any other questions he/she might have.

**Checklist of some other major areas you will need to address immediately:**

- Notify your spouse's creditors.
- Prepare an inventory of the estate. This involves obtaining copies of the most recent will/trust; certified copies of the death

certificate from the funeral director (six minimum); collect insurance policies, and marriage license; spouse's social security number, veterans affairs number and record, if applicable; a list of employer fringe benefits, and the last three years tax returns.

- Verify that spouse's credit accounts, mortgage payments, utility bills, etc., have all been kept up to date.
- Contact estate attorney, if applicable.
- Advise the executor of the estate if there is one.
- Contact banks, verify checking and savings accounts and safety deposit box(es).
- Arrange with the executor to inventory the contents of any safety deposit box held by your spouse and determine which if any may be removed with receipt.
- Notify the casualty insurance brokerage to modify casualty and homeowner insurance as necessary.
- Locate securities and contact security broker to arrange re-titling of securities, if necessary.
- Have the executor adjust ownership of any insurance policies on lives of others owned by your spouse.
- Have the executor re-title real estate that was owned by your spouse.

### ***Social Security:***

In matters relating to Social Security, you should apply to the nearest office in person and take with you the following:

- Social Security Number of your spouse.
- A certified copy of the death certificate.
- Proof of your relationship (i.e. Marriage License and your spouse's birth certificate).

Make sure you follow-up with the Social Security Office if benefits are not corrected within 60 days of your visit.

### ***Veteran's Benefits:***

You may also be eligible for certain veteran's benefits. To determine your eligibility or to file your claim, write to the Department of Veterans Affairs, 810 Vermont Avenue, NW, Washington D.C. 20402, or call (202) 872-1151. If you live within close proximity of a military base, contact their Casualty

Assistance Office for assistance. You must submit the following documents:

- Veteran's discharge papers.
- A certified copy of the death certificate.
- Itemized funeral bill with receipt of payment.

There may also be veteran's benefits from your state or county of residence.

### ***Insurance and Fringe benefits:***

Contact the insurance company(s) agents if applicable, obtaining the necessary death claim forms. Return the forms, along with a certified copy of the death certificate and a copy of the insurance policy.

If a spouse is covered by an employer's fringe benefits, contact the employee benefits department, and request a list of death benefits that are payable and how they are paid, i.e. lump sum or other methods. Lump sum distribution should be studied for investment strategies.

Determine what documentation the employer needs. At the same time you, the surviving spouse, should review your insurance coverage and revise it, if necessary. You should also review your estate plan and planning documents, etc., and revise if necessary.

Using the above named sources, resources and processes should provide an added level of protection and a shield against fraud during a difficult time. Having a complete set of information in a secure place ahead of time will expedite the overall process.

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### **Other Benefits**

Our annual picnic will take place prior to the October issue of the MARS STAR so be advised that members of benefits team (AT&T Mobility, Delta Dental, Peliton Benefits, Sam's Club Member Services, Kaiser Permanente and HM Brown) will be invited to participate.

Continued support by these organizations result in nice benefits for our membership.

For a list of specific benefits and offers from our traditional supporters, please visit the MARS website: <http://marsretirees.org>. For the recently added groups, please visit their websites at

[www.samsclub.com](http://www.samsclub.com), [www.kaiserpermanente.org](http://www.kaiserpermanente.org) or [www.hmbrown.com](http://www.hmbrown.com).

Lastly, MARS members have recently been granted a great new perk in the form of **Discounted Rockies Tickets**. For specifics, go to the first page of the MARS website. The first entry details the specifics for obtaining those tickets."

Additional savings and answers to many other questions can also be found on the MARS website. If you don't have access to a computer please call the numbers listed in this newsletter or contact me directly.



**Membership**

By Linda Stearns  
[linda80120@comcast.net](mailto:linda80120@comcast.net)

**MEMBERSHIP STATISTICS**

As of June 24, 2010, MARS Associates' active membership is 1,573 including 807 senior members (at least 75 years old, as of February 28, 2010). Please welcome the following new and returning members

**Colorado**

- Castle Rock Rex Agler and Linda Piccolo  
George and Karen Oliver
- Centennial Lois Haugarth
- Colorado Springs James and Maxine McDermott  
Donald and Louana Turner
- Evergreen Alan and Bonnie Hohl
- Highlands Ranch Karle and Barbara Meyer
- Larkspur Steve and Diane Christensen
- Littleton William and Joan Bevington  
Peter and Susan Dunn  
Linda Shupe  
Edward and Charlotte Stupski

Fred and Cynthia Whitaker

Parker Terrie and Bruce Hamen

**Other States**

Los Altos, California Stuart and Elizabeth Calhoon

Cape Canaveral, Florida Columbus Eagle, Jr. and Martyne Bailey

Sarasota, Florida Lamar and Marie Thomas \*

Poulsbo, Washington Thomas and Paula Strid

\* Rejoined after absence

**MEMBERSHIP DATA**

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 that 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. The senior status accorded a membership is based on the retiree's date of birth, even for a surviving spouse member.

When renewing your membership, please verify all of your personal information including spouse or significant other on your form. The treasurer collects the mail and removes the checks before I receive your forms, so I don't see that information to verify or update the MARS records! If you have given permission for your email address to be posted on the website, please take a moment to verify that it has been posted correctly. Let me know of any changes to your email address even if you don't want it posted on the website.

Addresses & Phone Numbers

You can ensure that you receive all your *STAR* mailings, with newsletters, flyers and information about MARS and Lockheed Martin activities. Please notify me promptly by letter, e-mail or phone call of any address, telephone number or email change and do not miss out on your MARS *STAR* mailings. If you regularly spend part of the membership year away from your address of record, let me know

what your alternate address is and when you are there. We will send your *STAR* mailing to that address! Every quarter, there are a number of packages that do not arrive because members' addresses have changed without our being aware and bulk mail is not forwarded. You miss out on the mailing, the postage is spent anyway, and the Post Office charges us for notification of undeliverable envelopes. Everyone loses!

#### Spouse Information

The MARS database includes the names of members' spouses or significant others. The initial data came from the application form you submitted when joining MARS. If there are changes to this information, please bring it to my attention.

#### In Memoriam Data

The sources of the information in this section of the *STAR* include published obituary reports and information communicated directly from MARS members or their families. Please contact me or Roy Kannady with any information concerning this so that we may acknowledge in the ***In Memoriam*** section a member or spouse passing away and we can also keep the membership data current.

You can contact me, Linda Stearns, VP of Membership, at: MARS Associates, P.O. Box 1128, Littleton, CO, 80160-1128; Phone 303-797-3557; or email [linda80120@comcast.net](mailto:linda80120@comcast.net).

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## **MARS Associates In Memoriam**

By Roy Kannady  
[KANNADYR1@ASME.ORG](mailto:KANNADYR1@ASME.ORG)

### ***Members***

Adamoli, John R. (D: May '10)  
(Survived by LaVeta L.)  
Littleton, CO

Ballantine, Jerome Alan "Jerry" (D: May '10)  
(Preceded by Madonna M. [D: Mar '10])  
Loveland, CO

Bett, Robert L. (D: Jun '10)  
(Survived by Juanita M.)  
Denver, CO

Bliss, Van Aaron (D: Jun '10)  
(Survived by Elizabeth "Betty")  
Littleton, CO

Boardman, Robert P. Jr. "Bob" (D: May '10)  
(Survived by Barbara J.)  
Littleton, CO

Brown, Ninette May (D: Jan '10)  
(Preceded by Robert J. (D: Nov '03))  
San Jose, CA

Butler, Virginia Mae (D: May '10)  
(Survived by Dale M.)  
Littleton, CO

Eastman, Harry O. III (D: Apr '10)  
(Survived by Mary C. "M.C.")  
La Jolla, CA

Ebacher, Albert P. (D: Apr '10)  
(Survived by Mary)  
Reading, MA

Epperson, John W. D. (D: Apr '10)  
(Survived by Bobbie J.)  
Denver, CO

Hoffmann, William C. Sr. "Bill" (D: Apr '10)  
(Preceded by Theresa A. (D: Jun '07))  
Lakewood, CO

Hopping, Russell LeRoy (D: Apr '09)  
(Preceded by Janet C. (D: Apr '03))  
Roswell, GA

Kellogg, James D. Sr. "Doug" (D: Mar '10)  
(Survived by Christine V.)  
Englewood, CO

Maddox, Bette J. (D: Nov '09)  
Yuma, AZ

Short, Glenn Lloyd (D: Feb '10)  
(Preceded by Evelyn C. (D: Dec '07))  
Knoxville, TN



Sniegowski, Patricia "Patty" (D: Apr '10)  
(Survived by Milton H.)  
Denver, CO

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Sparks, Richard K. "Dick" (D: May '10)  
(Survived by Kathleen A. "Kay")  
Littleton, CO

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Speck, Ross E. (D: Jan '10)  
(Survived by Loraine E.)  
Carlsbad, CA

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Stumpf, Robert W. "Bob" (D: Apr '10)  
(Survived by Marie A.)  
Denver, CO

---

Wood, Jean Casseday (D: May '10)  
(Survived by Eugene C. "Gene")  
Gunnison, CO

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### ***Non-Members***

Aldrich, Peter S. (D: Apr '10)  
Lakewood, CO

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Bergonz, Francis H. "Fran" (D: Apr '10)  
(Survived by Barbara J.)  
Littleton, CO

---

Downing, Carol (D: May '10)  
Longmont, CO

---

Jakubczak, Roger R. (D: Jun '10)  
(Survived by Cynthia M.)  
Aurora, CO

---

Kinney, Edmund L. (D: Jun '10)  
(Survived by Kathryn A.)  
Littleton, CO

---

Long, Harry L. (D: Feb '10)  
(Survived by Joan)  
Sun City, AZ

---

Mellinger, Harry Kenneth (D: Jan '10)  
(Survived by Alice A. "Kiki")  
Colorado Springs, CO

---

Neuschaefer, William Henry "Bill" (D: Mar '10)  
(Survived by Lou Anna "Rose")  
Golden, CO

---

Quinn, Timothy (D: May '10)  
(Survived by Leona)  
Denver, CO

---

Schissler, Arthur F. (D: Apr '10)  
(Preceded by Ada M. (May '01))  
Littleton, CO

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Stockman, Wilma Faye (D: May '10)  
(Survived by LeRoy)  
Colorado Springs, CO

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Woolman, Clifton Wayne "Cliff" (D: Apr '10)  
(Survived by Carole)  
Longmont, CO

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### **Historian's Corner**

By Ed Bock  
([bock10245@comcast.net](mailto:bock10245@comcast.net))

#### The Silent Hero's Silent Heroes

Many Senior Government Space Officials knew the Titan Space Launch Vehicles, as the Silent Hero's of the Cold War. But, they also had silent heroes that everyone knew existed, although these silent heroes never really got their deserved recognition.

These silent hero's were born in 1951, served in the Korean War, were wounded in action, and were destined for future unrecognized glory in the service of their country. They are the Titan III and Titan IV ITL railroad locomotives.

They were built for the US Army by General Motors Electro-Motive Division (EMD), in 1951 and served in Korea as a part of the 724<sup>th</sup> Transportation Battalion. The records are fuzzy but many of the 41 SW-8 diesel-electric switch engines received some bullet holes "Wounded-in-Action" during their service. After the war ended and they returned to the United States, three of the engines (number 2000, 2007 and 2021) ended up, painted blue and assigned to The Air Force for use as a part of the Titan ITL operations. But, that's just the beginning of the story.



How do two locomotives, operating on parallel tracks, push/pull 2,000,000 to 2,800,000 lbs. of Umbilical Mast/Transporter, Launch Frame, Titan Launch Vehicle and Solid Rocket Motors while being able to locate their final resting place within fractions of an inch? As a starting point switch engines locomotives are normally strong but not really considered "micro-precision" devices. So, how did they do it?

Early on it was clear that two locomotives operating independently on parallel tracks weren't going to work. Also for redundancy sake, there were three ITL locomotives that would need to be interchangeable. The team (Martin, US Air Force and General Motors) conceived of a Master/Slave relationship where each locomotive needed to be configured to serve as either the Master or Slave locomotive. How did they do it?

It was decided that the physical configuration would have a boom on the right side of each locomotive that would carry the communications (electric and pneumatic connections with color coded and keyed connectors) between the Master and Slave locomotives, which would be connected to the Transporter undercarriages. Also, either locomotive could be designated as the master or slave unit. Now the hard part; how to get two non-precision locomotives to act in precise unison? How does an engineer simultaneously exercise precision control of two locomotives? Solution: Modify each locomotive's electrical and braking control systems.

Each standard locomotive has an 800 horsepower diesel motor (controlled by a governor to regulate the engine RPM) and a generator (controlled by a load regulator to maintain output current). This combo generates the electrical and pneumatic energy needed to operate, and has load ammeters

that indicate the locomotive's pulling force. Each standard locomotive has 4 electrical traction motors (each traction motor drives two wheels) electrically connected in parallel that are controlled by the governor and load regulator. There is also a wheel slip control that automatically dropped torque if any wheel slippage was detected, and each axle has a speed recorder to monitor speed.

The modification for each locomotive was to be able to switch (when in the Dual Master/Slave Operation Mode) the electrical connection to its traction motors from a parallel to a series connection to increase torque capacity and have the Master locomotive would provide all the braking controls for both locomotives. The Master locomotive's throttle potentiometer would simultaneously provide the same voltage to both the Master and Slave locomotive governors. In turn each governor would control the diesel's RPM via the engine fuel supply, and via the load regulator, would control the generator current output to the traction motors. This effectively would make sure that the load is appropriately distributed to each wheel. To make sure each wheel would be the same diameter, the operation of each of the three locomotives would be tracked to make sure that all the wheels got the same wear. Next how would each locomotive get to the same starting point?

The starting point: At the Transporter refurbishment area, the vehicle processing facilities and the launch pads, the transporter would rest on the platform support pier, which would have ball joints to assure consistent alignment.

To support movement of the vehicle/transporter, there would be four (4) undercarriage assemblies. Each undercarriage would consist of four (4) truck assemblies, an elevation jack system and a lateral alignment screw jack system. All four (4) elevation jack and lateral alignment systems would be interconnected electrically to allow control of all four (4) elevation jack or lateral alignment systems as a single assembly or control of each of the four (4) elevation jack or lateral alignment systems independently.

Each locomotive would be independently coupled of the transporter undercarriage on its track. After the two locomotives were independently coupled to the undercarriages, the locomotive brakes would be set and the boom between the two locomotives would be swung into position and the electrical and pneumatic connections engaged.

Before movement, the undercarriage elevation systems would lift the vehicle/transporter off of the platform support piers to a full up position. With the transporter clear of the piers, away could they go (at 5 MPH or less). As they would approach the next set of platform support piers, the vehicle/transporter is moved to within +/- 1/8" (fore and aft) of the 4 platform support pier ball joints. At that point the locomotive brakes are set and before the elevation system would lower the vehicle/transporter, the lateral alignment system would finish the alignment over the pier ball joints.

Guess what? Even though most railroad experts said, "It couldn't be done", this plan worked successful for over 40 years. Albeit, a little help from the ITL Railroad Team was needed periodically to keep it "unnoticed".



Although this was the "Exotic" part of the ITL Railroad Operation, most of the day-to-day operations involved movement of the heavy and hazardous solid motor segments, propellant and other items need to support the Titan program.

This article would have been impossible without the assistance of Carl Welton and Craig Schreiber (ITL Railroad Team Members).

THE FUTURE: For now my story well has run dry! Only you know the story(s) about unique parts and happenings of the Titan's wonderful history! So, please submit any suggestions you have for future articles to "[riversnco@yahoo.com](mailto:riversnco@yahoo.com)".

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## This STAR's Feature Article

By Tom Pighetti, Co-editor of the STAR  
([tjpighetti@q.com](mailto:tjpighetti@q.com))

## MARS Then and Now

MARS Associates is now 25 years old. It is the result of seven retirees in 1985 and many others that have maintained and sustained its growth.

**Then:** MARS was the effort of seven retirees that met to establish "an organization that promotes social contact among individuals that have worked together for many years". There were eight officers and a board of seven directors. The first year membership reached 490 in response to the introduction letter signed by P. B. Teets, President of MMA (it went to 1900 retirees). Initially there were nine clubs (Photo, Dinner, Investment, Golf, Bridge, Fishing, Computer, Travel, and Community Service) with Solo Singles, Choral, Square Dancing, and Bowling being added soon after. Additional functions consisted of location of senior citizen discounts and coordination with Martin Marietta activities and use of their facilities.

**Now:** The current Mission Statement is to "to provide a social, educational, recreational and self-improvement organization for the membership and to promote fellowship through communications, activities, and internal programs of interest from outside sources consistent with the purpose of MARS". There are eight officers and six Directors and current membership is at 1674. Current clubs include: Bridge, Computer, Dinner, Golf, Planners, Photography and Tennis. Additional functions include information and facilitation of Medical Benefit supplements, volunteer coordination and identification of member discounts.

The objectives and organizational structure of MARS has not changed significantly and has withstood the test of time.

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### Bridge Club

By Dave & Kathy Martz  
([martz20@comcast.net](mailto:martz20@comcast.net))

Many of us travel a lot once we've retired but, when you're not traveling, please join us in a game of bridge! It's a great way to keep those brain cells active and enjoy a laugh or two with your fellow retirees.

We welcome all MARS members to come and join us at our monthly get together. We play on the **3<sup>rd</sup> Friday of each month at the Buck Community Recreation Center (Littleton) from 10 AM to 2 PM** (pack your lunch). The club provides the cards

and all requirements for the games as well as coffee, tea, and hot water for your enjoyment.

Couples, as well as singles, are welcome. If you don't have a bridge partner, the club can assist in finding one for you if you let us know in advance.

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

Presidents:

Dave & Kathy Martz, 303-683-9524

Vice-Presidents:

Bill & Connie Lutes, 303-470-5982

Secretary:

Dick Farrell, 303-798-6502

The 2<sup>nd</sup> Quarter 2010 winners are as follows:

#### **April 16 (5 tables)**

1<sup>st</sup> – Ed Cortez & Ted Bornhoeft

2<sup>nd</sup> – Ernie & Cecile Berliner

3<sup>rd</sup> – Dave & Kathy Martz

4<sup>th</sup> – Joe Pohlen & Maurice Larue

#### **May 21 (6 tables)**

1<sup>st</sup> – Ernie & Cecile Berliner

2<sup>nd</sup> – Dick & Esther Farrell

3<sup>rd</sup> – Dick & Madeline Maginn

4<sup>th</sup> – Dave & Kathy Martz

#### **June 18 (4 tables)**

1<sup>st</sup> – Ernie & Cecile Berliner

2<sup>nd</sup> – Stu Scales & Trudy White

3<sup>rd</sup> – Fred & Mary Ems

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### **Dinner Club**

By Ralph & Carole Dergance  
([rhdergance@msn.com](mailto:rhdergance@msn.com))

Your Dinner Club just keeps on enjoying very fine, cost-effective meals in 2010. The level of participation increases with each year. We also continue to receive suggested venues from our members.

We were then treated to a superior dinner and presentation at Littleton's five-star restaurant and the 5280® number five restaurant, **Opus**, on **April 13** with **68** Associates in attendance. We will undoubtedly return to this establishment in the not-too-distant future. This event was followed by yet another superior meal at Pinehurst Country Club where **70** folks enjoyed a wonderful private dinner on **May 12**. Our annual trek to **Mount Vernon Country Club** for their outstanding buffet and

scenery occurred on **June 16**, with **155** enjoying this great event. We will then have dinner at one of the Club's favorites, **240 Union** on **July 15**. This event sold out at the previous capacity of 50 within FOUR DAYS after the April mailing. Fortunately, we were able to increase the attendance at this event thanks to the management of the restaurant. The increased attendance of 70 was also sold out prior to the middle of May. We will take our usual break in August and will return to **The Arrowhead Golf Club** for dinner and spectacular scenery on **September 15**. On **October 12** we will be treated to a luncheon at the **Café de France** in Aspen Grove and will close the year at **The Garden Terrace** in Inverness on **November 13**. Candidate venues for all events for 2011 are currently being evaluated and will be revealed in future issues of the STAR.

Thanks to your continued enthusiastic support, many of our events reach capacity within a week or two of the STAR mailing. Therefore, you are all advised to get your checks in early.

Please remember that you may send a single check if you choose to simultaneously reserve space for various multiple Dinner Club events. However, please do not combine Dinner Club events with other MARS events (i.e., Holiday Dance, Annual Meeting, Picnic, Dues, etc.) on a single check. Also, please remember to include the name(s) of guest(s) on the sign-up slips. This will greatly simplify preparation for your events.

We look forward to the continued success of the MARS Associates Dinner Club. We encourage all Associates and their guests to join us for very enjoyable, affordable, and satisfying culinary events.

#### **Remember this sage observation:**

*"Learn from yesterday, live for today, hope for tomorrow. The important thing is not to stop questioning."*

[Albert Einstein](#)

**Buono L'appetito !!!!!!!!**

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### **Golf League**

By Gregor Smith

([Gregor.Smith@bodywise.net](mailto:Gregor.Smith@bodywise.net))

The MARS Golf League continues alternate play between Broken Tee Golf Course in Englewood and

Common Ground Golf Course in Aurora. We play each Thursday through October with the first tee time at 0900.

Both courses are in excellent condition and we're having a great season. Our pace of play has improved significantly so we normally complete a round in about 4.5 hours, which is pretty standard for a public golf course. The results of each week's play can be found on the MARS golf website.

Our annual tournament, which is the first two Thursdays of September this year, will be "The MARS Associates 25-year Anniversary Memorial Golf Tournament". Our annual banquet is scheduled for the second of October.

As always we extend an invitation to all retired Lockheed Martin employees and their spouses (men and women) to join the league and enjoy golf with us. It is awesome to see and spend time with so many of our fellow retirees. We play a variety of individual and team events for cash prizes under the USGA rules and handicap system. Anyone can win, as there are winners in four flights as well as closest to pin on two holes per round. It's not too late to sign up for 2010. Come join us for exercise, fun and fellowship! If interested, contact Gregor Smith at 720-320-7493.

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## Photography Club

By John Flater  
([jfflater@msn.com](mailto:jfflater@msn.com))

The MARS Photography Club meets the second Thursday of every other month at 1:30 PM in the Littleton Bemis Library meeting room. Scheduled meetings for 2010 are February, April, June, August, October, and December. Meetings feature a program of projected images presented by members or invited guests. **Visitors are welcome even if they are *not* "photo geeks"**.

Frequently, at our meetings, the subject of the presentation is a TRAVELOGUE in which the presenter shows slides/video of a vacation, with narration. After the presentation we have a coffee break during which members can share travel and photography tips. If you enjoy seeing images and hearing experiences from others' travel vacations, give the MARS Photo Club a try. Look for the special photo club Travelogue flier insert in this MARS *Star* mailing for more details.

Some programs by members or invited guests are related to photographic techniques and tools usually illustrated by slides, prints and/or equipment. **If you and/or your significant other are interested in film or digital photography** join us then for interesting programs, fascinating photos and an opportunity to upgrade technical and creative photographic skills by sharing knowledge and experiences. New members are always welcome at our meetings, so bring a friend if you like. Ideas, comments and suggestions for programs are appreciated.

In addition to the presentation, our meetings usually include a competition of images taken by club participants. The image subject matter may be Open (any subject) or for some competitions a specific subject matter. The competition has categories of color and/or monochrome (usually black and white) prints. A participant may submit up to three prints. Awards for 1st, 2nd, 3rd and Honorable Mention may be made depending on the number of images entered. Entries are judged and critiqued by invited judges or club members. After each meeting competition, the **Photography Club** page (section) of the MARS Associates website (<http://marsretirees.org>) is updated with thumbnail images of the winning pictures and future meeting topics.

### April 14, 2010 Meeting

The meeting was held at the Littleton Bemis Library and the program presented by John Chapter was titled ***"The making of the 2010 Littleton Museum's Eye of Camera's Winner's Show"***. As a winner in the previous 'Eye of the Camera' show, John Chapter was invited to present 40-framed pictures in the museums gallery from April 16, 2010 through May 30, 2010 during normal museum hours. John presented a slide show of his framed display images with a discussion of the preparation of such an exhibit.

The meeting photo competition subject was "Open" with John Chapter as the judge. Winners are listed below.

1 <sup>st</sup> Place	Joe Presta	<i>"Colorado Columbine"</i>
2 <sup>nd</sup> Place	John Flater	<i>"Kissin' Cousins"</i>
3 <sup>rd</sup> Place	Spence Bullard	<i>"New Horizon"</i>
Honorable Mention	John Flater	<i>"Natural Contrast"</i>

### June 11, 2010 Meeting

The program presented by Jim Kummer, was a **TRAVELOGUE**, entitled *"Ephesus Excursion During*

*My Mediterranean Cruise*". Ephesus is a city in Turkey that dates back 2000 years and is one of the most well preserved and restored ruins from the early Christian time period. Jim's images, each with excellent added captions, were almost like a guided trip back in time! MARS members that did not see this TRAVELOGUE should remember to periodically check the photo club webpage to see if a TRAVELOGUE presentation is planned for the next meeting. All MARS members and their guests are invited to attend any of the club meetings.

The meeting photo competition subject was "Open" with Fred Luhman as the judge. Winners are listed below.

1 <sup>st</sup> Place	John Flater	<i>"Memorial Day in the Park"</i>
2 <sup>nd</sup> Place	Nobou Miyake	<i>"David and Goliath"</i>
3 <sup>rd</sup> Place	John Flater	<i>"Hibiscus"</i>
Honorable Mention	Jim Kummer	<i>"Cleared for Takeoff"</i>

### **Future Meetings:**

To verify meeting dates, competition subject and program topic go to the MARS Associates website located at (<http://marsretirees.org>) and click on "Photography" on the Clubs button at the lower left to get to the photo club's webpage. Here you'll see "Check the Meeting Schedule below". If the Program has the word **TRAVELOGUE**, it will be a vacation show-and-tell. The competition topic is also listed. Come and enjoy both.

### **Competition Reminder:**

Meeting photo competition entries may be prints as small as 4"x 6" to make it more practical for those using digital cameras to print images on their own printers. All submissions must be affixed to a matboard/cardboard or foam backing of at least 8"x10" or as large as 16"x20" for ease of handling and display.

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## **Planner's Report**

By Dolph Hellman

([marblehead8hell9dw3@juno.com](mailto:marblehead8hell9dw3@juno.com))

This issue's article is about what I consider an amazing accomplishment. Many of us retirees know and have worked with a soon-to-be published author. Doug Fain, who worked with Martin for 18 years. He has written his first novel!!!

This feat completely "blows my mind"! Doug and I are about the same age. But while I'm struggling to

get into a car or climb a flight of stairs, Doug is still actively running an international consulting company; teaching as an adjunct faculty member at DU, Regis, and Stevens Institute of Technology, and oh yeah, writing novels. Writing a novel is something that many of us have dreamed of but at least, in my case, have neither the talent, patience, nor the tenacity to even try.

The novel is titled "The Phantom's Song", and takes place during the Vietnam War.

Doug's military experience served him well in writing this book. He flew 213 combat missions in an F-4 Phantom over Southeast Asia and earned a Distinguished Flying Cross for Heroism, a Distinguished Flying Cross for Achievement, 14 Air Medals, and an Air Force Commendation Medal. So Doug certainly has the "street credits" to write this kind of fiction.

Here is a brief excerpt from the start of the novel.

### Thailand, September, 1968

"The two groups passed quietly in the staggering heat. Those climbing from the metal bowels of the giant C-130 aircraft squinted into the early afternoon glare as they struggled under their heavy loads toward the gate with the large, faded sign, "Welcome to Nubat Royal Thai Air Force Base, home of the 8<sup>th</sup> Tactical Fighter Wing and the world's greatest fighter pilots!" Of the men leaving the transport, only Robb Barker paused to watch the group that was boarding for the return flight. These were the men he came to replace, the men who had started the job he was to continue.

The perspiration ran more freely in the humid jungle heat. The drops became trickles, and the trickles became a great staining wetness, filled with the salt of man. He would have liked to ask these men how it had been, how they had fared with themselves. But the emotions that rose and filled his throat spread throughout his entire body and clouded his mind. He stood there, silently, and watched them being stacked roughly onto the loading platform. Only the tags taped to the ends of the long boxes linked them with life and those waiting for the sad burden back home. Less than a year before each of them had climbed from a similar plane and perhaps watched a similar spectacle. Now they were going home – for them the war was over".

Sound interesting? It does to me.

In addition to getting a Vietnam Era novel published, which Doug says is very difficult, the then unpublished manuscript won 2<sup>nd</sup> place in Mainstream Fiction in the Paul Gillette Writing awards in 2006.

The book should come out in about 3 months. It is being published by iUniverse and will be available in Borders, Barnes and Noble, etc. It will also be available online.

Doug expects to have a book signing locally as soon as it gets out. He says that he would be happy to see all of us at the signing.

Oh Yea! In addition to writing and all that other stuff, Doug tries to attend as many 'Old Planner Luncheons' as he can.

#### **Future Meetings:**

The Planners meet the first Thursday of each month at 11:15 a.m. at the Country Buffet on South Wadsworth, just north of Bowles. All you retirees are invited to come anytime, even you engineers. Call Dolph Hellman at 303-794-0852 if you have questions or need directions.

#### **Memoriam to Bob Boardman**

I'm sorry to report that Bob Boardman at the age of 87 died on Memorial Day. Bob was a World War II veteran who served at the Hawaiian Air Depot in the 44<sup>th</sup> Troop Carrier Squadron. He retired from Air Force Reserve as a Lt. Colonel. Bob was a great guy, whose dry wit I especially enjoyed and will miss. He was a good friend and co-worker and will be missed by all of us.

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## **The MARS Associates Website**

By Paul Bingham  
([pbingham@central.com](mailto:pbingham@central.com))

#### **MARS Associates Website:**

The website committee continues to maintain your website, which shows information on all of the MARS clubs such as schedules, events, and leaders. The site also covers benefits such as group, dental, vision, and hearing insurance, rental car discounts and contact phone numbers for insurance. There are links to other groups from Sunnyvale, the Cape, Orlando, Vandenberg, Baltimore, Michoud, and the ever changing Site-Of-The-Month.

#### **Finding Answers:**

Going to the MARS Associates website is a good way

to find answers to your computer problems and maybe many other things as well.

A few weeks ago I was frustrated with a popup note that kept showing up on my computer. It was about an error that kept recurring. When that happens I generally just make an appointment at the Apple store for some time at their Genius bar to get the problem fixed.

This was at night, I needed to get something done quickly and didn't have time to go to the Apple store. So, out of frustration, I copied the error message in the popup note and pasted it into the subject area (as opposed to the address area) of Google. Google found a list of possible websites to try. The titles of several of the websites simply repeated the error message I had typed in on the query. I tried a few and, viola, one of the websites had the answer to my problem!

The point I'd like to make here is that it is easier and faster to just copy and paste the error message you are getting on your Mac computer or Windows machine, into the subject area of Google, (or some other search engine) and possibility find a cure to your problem. This is sometimes easier than trying to think of a few words to describe the computer problem you are experiencing.

#### **Volunteer Page:**

Do you know someone or have someone in mind that you would like to recognize for his or her activities as a volunteer? Your MARS Associates website has a page for volunteer activities. Go to the website at "<http://marsretirees.org>", click on the Volunteer page button on the left. There are places for recognizing members who have been doing volunteer activities and for organizations that are looking for volunteer help. Take a look.

Your Website Committee consists of Jim Kummer, webmaster, Linda Stearns, Smitty Smetтана, Bob Knickerbocker and yours truly, Paul Bingham.

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## **Denver News /What's New**

By Pat Kenning  
([patamk@yahoo.com](mailto:patamk@yahoo.com))

What's new in Denver? Pat Kenning is looking for input from anyone who would like to share a recent experience, or has done something unique or has gone somewhere of interest. Please give Pat a call

or send her an email with your input for publication in the next STAR newsletter.

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## Cape Canaveral News

by Carl Welton

[weltonck@aol.com](mailto:weltonck@aol.com)

Thirty seven (37) of us retirees woke up Thursday morning, realized it was not March 32<sup>nd</sup> but actually the first Thursday in April, April 1<sup>st</sup>, so we made it to the April retiree luncheon. The wide-awake group included Bob Matschner, Wendell McDaniel, Joe Kiripolsky, Nick Geso, Larry Gleason, Jerry Moskovitz, Dick Olson, Bob Rodamer, Sylvia Sansing, Ed and Guy McMechen, Brooks Kilgore, Harry Holmes, Abe Smith, Ray Caldwell, Jim Weddle, Bill Rohde and Dave Tufts along with a number of others. I want to thank the retirees that took time to speak with Maureen Ries while she was here in Florida to learn about former Ground Station Supervisor Ted Davenport, the father she never had the opportunity to meet.

Our 6 May 2010 luncheon represented the 27<sup>th</sup> anniversary of our monthly retiree luncheons and starts our 28<sup>th</sup> year. The 29<sup>th</sup> of April also was the 5<sup>th</sup> anniversary of the last Titan launch from the Cape, Titan IV B-30. The 1<sup>st</sup> of May also was the 50<sup>th</sup> anniversary of Frances Gary Powers being shot down over Russia in a U-2 plane. That event affected the lives of many of us over the succeeding years. I also noted the Missile, Space and Range Pioneers Spring Gathering dinner meeting at the Cocoa Beach Hilton on 21 May 2010 to honor the men and woman who worked on the Air Forces Manned Orbiting Laboratory Program. The speakers will be former Astronauts Bob Crippen and Al Crews. On 3 November 1966, many of us participated in the only test flight the program made on Titan IIIC-9 from Complex 40 using a reworked Titan II tank, to simulate the MOL Can, with a Gemini capsule on top. WOW what a turnout of retirees we had not seen for a while. Roy Farrell down from Saratoga Springs, NY, Jim Milby from Fort Myers, FL, Jimmy Bryant from north of Mims, FL, and local retirees Charley Holste, Bill Masterson, Jack Johnston, Frank Indihar, Bob Anderson, Cecil Snipes, Ed Carpenter, Dean Willoughby, Ken Williams, Ed Kitta, Sid Warren, and Hank Ambrosch.

We had a typical summer crowd at the 3<sup>rd</sup> of June luncheon with about 25 retirees in attendance. The RV'ing Norm Fox and Fran are currently here on the space coast and enjoyed visiting with Dick Olson, Roy Hunter, Nick Geso, Harry Holmes, Jim Weddle,

Bob Lantau and others. Sylvia Sansing and Judi Kline represented the ladies this month. Thanks to Dick Hinshaw for again bringing Dean Willoughby to the luncheon. Good to see Dave Tufts, Don Anderson, and Ray Hall again after several months. Bill Rohde reported Eddie Roberts is still experiencing problems with his shoulder. Hank Ambrosch took luncheon group pictures. In response to questions asked about several retirees I checked on Earl Dunn who continues to recover after being sick in March and April. Donna Dunn said they hope to make the July luncheon prior to starting their next RV trip. I also checked on Chuck Cartee who has been struggling with a medication incompatibility issue the last several months. He believes the doctors have just about resolved the problem. John Grimes said his neighbor, former AFQA configuration specialist on the Titan program Gene Nesbit who is now 92 has responded well to his cancer treatments.

Congratulations to the ULA crew for the successful Atlas 5 launch on 22 April 2010 placing the Air Forces X-37B Space Plane into orbit. Understand our 90 plus year old retired Contracts Administrator Bill Roy is off again to Thailand, Cambodia and the Philippines. Former Test Conductor Ken Shipe has returned to the U.S. Forest Service Ranch at Shawnee, Colorado to help care for the Forest Services mule team again this summer. Word is that former Safety Manager Lynn Smith is fighting cancer. I had an e-mail from Norm Fox, he and Fran are off exploring the United States with their trailer. Fran is a first time RV'er. John Harris was introduced at the Missile, Space and Range Pioneers Spring Gathering as the Launch Conductor of Martin Marietta's successful launch of the Air Force's only MOL Program Test Vehicle on Titan IIIC-9 on 3 November 1966. Lynn Johnson is back in Connecticut for a cool summer again. Dave Elder, Jerry Moskovitz, and Sylvia Sansing soon joining the "going north this summer group". Congratulations to the new user of Complex 40, Space X, on their successful launch of the first Falcon 9 launch vehicle on 4 June 2010.

Noted in the local paper the obituary for former UTC Chief Engineer Milo Fox who passed away on 17 March 2010. For those of us who were active on Titan IIIC at the start of the program we will remember Milo Fox as the UTC engineering authority who helped us as integrating contractor and our Air Force customers understand anomalies associated with UTC's EMV valve thrust vectoring system, flight termination system and instrumentation systems during early CST's and program reviews. He was a significant contributor to those early program successes. I received word from Lynn Johnson that



John Adamoli passed away Thursday 6 May 2010 while in a nursing facility in Englewood, Colorado. John had been a Test Conductor on the Titan II ICBM test program and on the early Titan IIIC program here at the Cape. He later bid the small missile program contract from Denver for F.E. Warren Air Force Base in Cheyenne, Wyoming. There was a memorial service for John on 22 May 2010 at the Denver First Church of the Nazarene in Englewood, Colorado. On Sunday 16 May 2010 retired Deputy Director of Safety Lou Ullian, 78, passed away after a several year battle with Parkinson's disease. As the head of Range Safety for the U.S. Air Force, Lou was proudest of the fact that more than 3,000 missions flew without a single death or injury outside the Cape gates on his watch. As a contractor you soon learned that when Lou Ullian spoke you had better listen. Lou was also a founding member of the Real 8 Corporation which recovered gold from several Spanish Galleon wrecks off the Florida East coast. George Pestik told us of the death of retired electrical engineer Norm Roulston on 23 May 2010 in California. Norm was the Ground Electrical Systems Engineer on the original Titan III Centaur launches for NASA on the Viking and Voyager programs here at the Cape. Norm left the Cape to work on the STS proposal in 1976 and then became the Electrical Design Group Manager on that program at VAFB. He retired from Martin Marietta with 40 years of service. On the 1<sup>st</sup> of June former Senior Engineer Sam Gentile passed away in Fayetteville, GA. Sam an early member of Martin's crew here at the Cape was also an accomplished musician who played with several groups here on the space coast in various motels, hotels and bars.

If you worked on any of the Martin or Titan programs at the Cape, Denver, Vandenberg, or wherever, come join us for lunch at Kay's BBQ located on SR 520 just west of Clearlake Road in Cocoa on the first Thursday of each month. You should be there between 11:00 and 11:15 am. You will meet many of your old friends.

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## **REALM (Orlando News)**

[www.realm-fl.org](http://www.realm-fl.org)

By Andrea Lawrence

[andrea.j.lawrence@gmail.com](mailto:andrea.j.lawrence@gmail.com)

The Central Florida REALM group is enjoying a summer lull with many members trekking to visit family and friends. However, planning continues for several activities that occur in the fall, including the

election of officers and the Annual Meeting that takes place in October at Lockheed Martin's facility in East Orlando, hosted by the newly formed Global Training and Logistics business.

In August, members will travel to Biloxi and Tunica to enjoy gambling and sightseeing and our Lunch Bunch begins again in September after a two-month hiatus.

Two recently completed cruises to South America (soon after the earthquake) and to Bermuda were taken and enjoyed by several members. The South America adventure was shared with all members in a two-part travelogue published in *REALM News*. Cruises to Panama and the Mediterranean are planned for March and September 2011. If any MARS members would like to learn about these cruises go to <http://www.realm-fl.org/newsletter.pdf> pages 20 and 21, where details and contact information are provided.

REALM president Harold Cates had declared 2010 the "Year of the IOU," calling for REALM members to renew their personal commitment to serving their communities. In that spirit, John and Shirley Galik committed much of their time and as a result, were named "Senior Volunteers of the Year" by their Brecksville, Ohio, community. John, who retired from Martin Marietta Data Systems, and Shirley split their time between Florida and Ohio, where Shirley grew up.

REALM is exploring the potential for establishing a 'meet and greet the troops' activity that would let departing and returning service members know how much they are appreciated.

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## **News From Michoud**

by Greg Kaminski (no email)

No article submitted by Greg for Michoud this quarter.

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## **Martin Marietta Retiree's Club (Vandenberg News)**

by Charlie Radaz

[fcmjradaz@aol.com](mailto:fcmjradaz@aol.com)

Our Club normally meets the last Thursday of each month at noon. We rotate meeting locations between Santa Maria, Lompoc, and Buellton. All former employees and associate contractors are welcome to attend, visit and informally share

stories; call Aubrey Collins (805) 937-8299 for location and reservations.

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## United Launch Alliance News

By Chris Chavez

([chris.s.chavez@ulalaunch.com](mailto:chris.s.chavez@ulalaunch.com))

### ***United Launch Alliance, Operator of the Atlas and Delta Rockets, Joins the Commercial Spaceflight Federation***

Washington, D.C., Monday, June 21, 2010 – The Commercial Spaceflight Federation is pleased to announce that United Launch Alliance of Denver, Colorado has joined the Federation as an Executive Member. United Launch Alliance operates the Atlas V, Delta II, and Delta IV launch vehicles.

Michael C. Gass, President and CEO of United Launch Alliance, stated, "United Launch Alliance has close business relationships with many members of the Commercial Spaceflight Federation, including Bigelow Aerospace, Sierra Nevada Corporation, Space Florida, and XCOR Aerospace. Additionally, ULA is a funded participant in NASA's Commercial Crew Development Program. So joining the Commercial Spaceflight Federation is a natural fit for us, and we are proud to do so."

Gass added, "United Launch Alliance is excited to offer our proven Atlas V and Delta IV launch vehicles to potential commercial crew providers, many of whom are members of the Commercial Spaceflight Federation. We look forward to the day when astronauts are flying to low Earth orbit onboard commercial vehicles such as Atlas and Delta. And the track record of success for Atlas V and Delta IV shows that commercial spaceflight can and will be conducted safely."

Mark Sirangelo, Chairman of the Commercial Spaceflight Federation, commented, "It is a pleasure to welcome United Launch Alliance to the fast growing membership of the Commercial Spaceflight Federation. ULA is innovative and entrepreneurially minded and we are proud to work with ULA to achieve our common goals. We look forward to a productive partnership with CEO Michael Gass and his entire team."

Bretton Alexander, President of the Commercial Spaceflight Federation, added, "With the addition of United Launch Alliance and its nearly 4,000 employees to the Commercial Spaceflight

Federation, the Federation now includes America's most experienced launch services providers. United Launch Alliance and its heritage companies have been trusted by the U.S. government to deliver the Nation's most-critical national security payloads to orbit for more than 50 years. The proven Atlas and Delta launch systems have an important role to play in providing commercial crew transportation for NASA and other customers."

Alexander concluded, "With the addition of both United Launch Alliance and Bigelow Aerospace this month, the Federation is even more strongly dedicated to our shared goal of a robust space economy, creating jobs here on Earth and new opportunities in space."

### **About the Commercial Spaceflight Federation**

The mission of the Commercial Spaceflight Federation (CSF) is to promote the development of commercial human spaceflight, pursue ever-higher levels of safety, and share best practices and expertise throughout the industry. The Commercial Spaceflight Federation's member companies, which include commercial spaceflight developers, operators, spaceports, suppliers, and service providers, are creating thousands of high-tech jobs nationwide, working to preserve American leadership in aerospace through technology innovation, and inspiring young people to pursue careers in science and engineering. For more information visit [www.commercialspaceflight.org](http://www.commercialspaceflight.org) or contact Executive Director John Gedmark at [john@commercialspaceflight.org](mailto:john@commercialspaceflight.org) or 202-349-1121.

### **About United Launch Alliance**

Formed in December 2006, United Launch Alliance (ULA) is a 50-50 joint venture owned by Lockheed Martin and The Boeing Company. ULA brings together two of the launch industry's most experienced and successful teams – Atlas and Delta – that have supported America's presence in space for fifty years. The United Launch Alliance team consists of approximately 3,900 employees working at sites across the country. ULA program management, engineering, test and mission support functions are headquartered in Denver, Colorado. Manufacturing, assembly and integration operations are located at Decatur, Ala., Denver, CO., Harlingen, TX., and San Diego, CA. Launch operations are located at Cape Canaveral Air Force Station, FL, and at Vandenberg Air Force Base, CA. For more information please visit [www.ulalaunch.com](http://www.ulalaunch.com).

**MARS ASSOCIATES EVENTS SCHEDULE**

