VIP Club Newsletter

VOLUME 30, NO. 06 http://www.vipclubmn.org. JULY AUGUST

2010

The Number to call for information on Unisys Retirement Status and Benefits: 1-877-864-7972. The Number to call for information on Lockheed Martin Retirement Status and Benefits: 1--866-562-2363.

Wednesday, July 07 Wednesday, July 14	Board Meeting, Eagan No Meeting	10:00 a.m.
Wednesday, August 04	Board Meeting, Roseville	10:00 a.m.
Wednesday, August 11	MN ANG Museum, MSP	5:00 p.m.

JULY PROGRAM:

No meeting or program scheduled for July.

AUGUST PROGRAM: VIP CLUB "FIELD TRIP" TO THE MINNESOTA AIR NATIONAL GUARD MUSEUM

Join us Wednesday, August 11, 2010, at 5:00 PM for a visit to the Minnesota Air National Guard Museum (as it is currently called). The MN ANG Museum Staff will host a complimentary (donation boxes will still be accepting your free will inputs) burger feed starting at 5:00 PM to stoke your furnaces with the energy needed to tour the facility and maybe climb up and into a cockpit or at least pose for a photo op. A very interesting and captivating video will also be shown about the MN ANG activities on the day of 9/11/2001. As mentioned in a previous newsletter, this museum is very important to us because it will provide a public venue for us to showcase our company legacy products and systems over the years that relate to "air" activities (air defense, air traffic control. airline reservations, air sovereignty, air/weather status, etc.) and space activities (missile guidance, missile tracking, NASA deep space network, etc.). The museum will soon be undergoing major enhancements including changing its name to the Minnesota Air and Space Museum and relocating outside the base for easier public access.

However, public access in August must still comply with base security regulations. Visitors (VIP Club members, spouses, other adults) will need to provide in advance **full name**, **date of birth**, and **driver's license number** (not license plate number) to get registered on the security access list. Under age minors/accompanying children are also very welcome and encouraged to attend, but for security requirements, only the name is required. The ANG prefers a single point of contact, so please provide the data requested to Dick Lundgren (rflundgr@aol.com) **by August 4th. Directions to the museum** can be found at the museum website, <u>http://www.mnangmuseum.org</u>, under "Visitor Information." Directions are also given on page 9 of this newsletter.

In preparation for our August field trip, several planners (Dick Lundgren, Tom Turba, Peggy Mullikin and Lowell Benson) met in early April with key members of the ANG museum staff and previewed the Museum at Ft. Snelling. Shown here are Dick and Tom in front of a re-built Polish MIG.



The MIG is but one of the restored aircraft at the site of our August program. Bring your camera and take photos either inside some of the aircraft or standing alongside one of the many aircraft around the tarmac. Another tourable museum aircraft is a Lockheed Martin C-130 (see photo next page).



As an aside, and for historical perspective (source - LM Corp. website/history), "in 1909 Glenn L. Martin launched the maiden voyage of his first aeroplane, made of silk and bamboo in Santa Ana, California." Also, "In 1912, Allan and Malcolm Loughead (later Lockheed) formed the Alco Hydro-Aeroplane Company." Why this matters is that as primitive as these airframes were, the MN ANG is now positioned to acquire a 1911 Steco (Stephens Engineering Co.) "aerohydroplane" which is of course of superior quality and more advanced engineering capabilities than the aforementioned LM heritage "experiments." Not only that, but the Steco will aerohydroplane come partnered with the Stecomobile, an imaginative 2-seater automobile forerunner which addressed the necking issue by putting the passenger behind the driver as in certain pilot/copilot configurations. The ANG museum staff is currently seeking hangar space for temporary storage for these Steco state-of-the-art machines. If any reader has some helpful ideas in this regard, please contact rflundgr@aol.com.

SEPTEMBER PROGRAM:

Do you remember the phrase, "And now the weather, brought to you by **Bud Kraehling**?" Well, before Bud, there was no weather in Minnesota, and only a few thought it drifted in from the Dakotas or down from Canada. Bud brought us the weather and that's how it got here. Not only that, Bud had a special skill that today's "weather personae" cannot even begin to relate to. Bud could draw those cold fronts and warm fronts (and still can) and get those black (at least on most TV sets then, they were black) triangles pointing in the right directions. Of course, as the decades rolled by, the whole weather picture became automated, largely due to our legacy Even the forecasting is automated Nexrad project. although there still is a perceived need to have the talking heads present it and pretend to understand it.

Bud's career on WCCO TV is of course history, but Bud's talents have expanded and he still maintains a public presence as an entertainer. Bud Kraehling and his wife, **Shirley Lockwood** (aka "The Weatherman and the Singing Lady") perform a program of stories from the early days of WCCO Television, with delightful weatherrelated songs. Join us for a visit to that golden era which may include a surprise guest. Expect a meteorological thread to run through the songs and stories. Examples are *St. Louis Blues, Over the Rainbow,* and *Oh, You Beautiful Doll.* Also expect *Sweethearts!* and hear, in words and music, how Bud and Shirley met, fell in love and married. *My Funny Valentine, Blue Skies,* and *Silver Threads Among The Gold* accompany the whole story. Come and relax and relive.

Bud Kraehling and wife, Shirley Lockwood





PRESIDENT'S MESSAGE From: President Tom Turba

Summer is with us again. How fast the months seem to roll by. For those of you that missed the annual June picnic, we had delicious barbequed Angus burgers and an array of pot luck delicacies with old time camaraderie. It was beautiful weather and a great time was had by all. See pages 5 and 6 for pictures taken at the picnic.

If you could not make the June picnic, think about attending the August meeting which will be held at the Air National Guard Museum at the airport. This will be a somewhat different type of meeting, as there will be free food as well as a tour of the facilities and planes. It will be another chance to see old friends, get out and about, have a bite to eat, and see something interesting. Call a friend and plan on going together. See inside for further details, mark it on your calendar, and send in your information today so we will have an idea of how many will be attending. If this is the kind of thing you like to do, we'll see about having more outing events.

The September program should be another wellattended meeting, with speaker Bud Kraehling and his wife telling us about things they have done. This will be followed with another ice-cream social meeting in October when we will be celebrating the past 30 years of the retirement Club.

I look forward to seeing you at the air museum in August, the program meeting in September, or the 30th anniversary party in October. Until then, have an enjoyable summer and keep thinking about the good things that are yet to come. Respectfully, Tom Turba, VIP Club President

From the Editors



Joe Schwarz (651-698-9698) & Brian Berggren (651-451-9009) Address: VIP Club, 1486 Fairmount Ave, St Paul MN 55105 e-mail: vipclub2003@yahoo.com

The Newsletter Editorial Staff:

Bernie Jansen, e-mail bjskj@hotmail.com Richard Lundgren, e-mail rflundgr@aol.com Don Naaktgeboren, e-mail donfishn@yahoo.com

DINING CLUBS & GROUPS

Breakfast groups and get-togethers:

One breakfast group meets monthly at 9:00 a.m. on the 2nd Wednesday of each month at the Tri-City American Legion, Old Hwy 8, New Brighton. Phone: **763-416-3903.**

Another breakfast group meets monthly at 8:00 a.m. on the 1st Thursday of each month at Joseph's Grill, 140 South Wabasha, (Wabasha and Plato) St. Paul. Phone: 651-222-2435.

Luncheon Groups & Dinner Clubs:

One Unisys Luncheon group meets monthly on the 2nd Wednesday at 11:00 a.m. at the Old Country

Buffet, Holly Shopping Center, located at University Ave. and Mississippi St. just north of I-694. For information call 651-552-1465.

Another Luncheon group (engineering/drafting) meets monthly on the 1st Tuesday at 11:00 a.m. at the Old Country Buffet at 2000 S. Robert, West St. Paul. For information call **651-456-0750**.

And another Luncheon group (Unisys and Burroughs) meets monthly on the 2nd Tuesday at 11:30 a.m. at the Mall of America 3rd floor North Food Court. We sit at the tables between the elevator and Burger King. For information call **952-854-7855**.

Dinner Club. A Unisys Dinner Club meets monthly, from September through April, on the 4th Wednesday at 5:00 p.m. at Champs located at 35E and Larpenteur Avenue.

MEETING & EVENT DATES 2010					
Date	<u>Time</u> L	ocation	Activity	7	
Apr. 21	8:30 a.m.	Legio	n Volunte	er Breakfast	
May. 12	7:00 p.m.	Eagan	Program	- Social Time	
June 09	4:00 p.m.	Park	VI	P Club Picnic	
July 14		No Meeting			
Aug. 11	5:00 p.m.	MSP		MN ANG	
Sept. 08	7:00 p.m.	Eagan	Program	- Social Time	
Oct. 13	6.30 p.m.	Rsvl	Social	Program	
Nov. 10	7:00 p.m.	Eagan	Program	n – Social time	
Dec. 09 5:45 p.m. USAF Christmas Party					
Note: Rsvl = Roseville, Eagan = Eagan Community					
Center, Park = Highland Park Pavilion, USAF =					
NCO Club at U.S. Air Force Base off Hwy 62					

WELCOME NEW CLUB MEMBERS

Gehl, Delmar & Joyce U Rougier, Tom & Sandra Schendel, Roger & Janet U N. Stillwater, MN. Lakeville, MN. Eden Prairie, MN.

 $\mathbf{U} = \text{Unisys} \ \mathbf{B} = \text{Burroughs} \ \mathbf{L} = \text{Lockheed Martin} \ \mathbf{D} = \text{Unisys Defense Systems}$

IN REMEMBRANCE



Cartier, Violet H. - Age 91, of Apple Valley Villa. Passed away peacefully after a lengthy illness on June 26, 2010. Violet worked 25 years as an inspector for Unisys.

Drift, Ernest "Bunky" - Age 76, of Indian Point. Passed away Sunday, May 23, 2010. Ernie worked at UNIVAC and Sperry as a technician on both the C3 computer program and on the Memory Processor system testing.

Hagerty, Cathlin Joan "Cathy" -, Age 57, of Spotsylvania, VA., formerly of Shoreview, MN. Passed away Tuesday, May 4, 2010, surrounded by her family following a long and courageous battle with scoliosis and kyphosis. Cathy started her employment with Sperry Univac in 1977; which later became Unisys.

Lester C. Jacobsen - Age 88, of Brainerd, MN. formerly of Roseville. Passed away May 16th. Preceded in death by loving wife, Mary. Lester retired from Sperry Univac in St. Paul, MN. Lester has been a long time member of the VIP Club.

Johnson., Emmett – Passed away on June 7th, 2010. Emmett is survived by his loving wife, Barbara. Emmett worked for UNIVAC/Sperry for over 20 years in various manufacturing leadership positions. Emmett was a long time member of the VIP Club.



William R. Keye, Sr. passed away on May 11th from stroke complications. William was born on June 21, 1921. As an early ERA employee, he is the last member of drum engineering management team

shown in the photo below. Left to right are: Bill Keye, Arnie Hendrickson, Bob Perkins, Frank Mullaney, Arnold Cohen, and Jack Hill. Submitted by LABenson



Kovacic, Joe – Age 80. Passed away Monday evening, May 17^{th.} Joe had a combination of a stroke and heart attack Joe was a chemical engineer and worked in the Material Engineering departments from about 1964 to 1992.

Staubus, John W. - Age 80, of Columbia Heights, MN. Passed away on Monday, June 14, 2010 from complications of chronic leukemia. John is survived by his loving wife of 54 years; Donna. John retired from Unisys after 32 years of service as an electrical engineer.



Streefland, Russell - Age 75, of Burnsville, MN. Passed away peacefully at home on June 7, 2010. Russell is survived by his loving wife of 50 years, Jeannette. Russell was employed as a labor relations

representative for Sperry Univac.

Voelker, Donald Joseph _ Age 83, of Forest Lake, MN. Died Tuesday, April 14, 2010 He is survived by his wife of 57 years, Norma. Donald was a Unisys retiree and a long time member of the VIP Club.

ANNOUNCEMENTS

ANNUAL FIELD SERVICE PICNIC

SAT AUGUST 14, 2010 - The 14th annual Field Service picnic will once again be held at Dakota County Spring Lake Park (East Shelter) on Saturday August 14, 2010, from noon to 5PM. The park is located five miles west of Hastings. Come early and join the best ball golf tournament. Mark your calendar and contact Curt Anderson at <u>anderscurt@comcast.net</u> or 651-438-9851 for details. Submitted by Curt.

ANNUAL PICNIC SUMMATION

Just over 90 people participated in our annual picnic on June 9th. Thanks to Paul Lindholm and Jim Larsen for grilling the Angus-burgers, thanks to Quint Heckert and Harvey Taipale for quickly moving the *done burgers* to the serving table, and thanks to the entire board of directors for buying food/soft drinks, doing the set up, and cleaning up afterward. We are all appreciative for the kitchen volunteers - Barbara B., Lynn L., Kathy J., Virginia T., and Millie G. – who took care of lining up the dishes, uncovering them, and cleaning up everything. Jim Larson also made the coffee, started the grills, and brought the grilling utensils. Jim was also at the St. Paul public works office in the pre-dawn hours on January 2nd to reserve the Highland Park shelter for us! A collage of snapshots taken by Lowell B. is shown on pages 5 and 6.

MEMBER SURVEY RESULTS

The April and May newsletters contained a survey, the board wanted member opinions about our future planning. The results are non-conclusive because only three readers responded. Thanks to **Jim Overocker**, **Chuck Wenz**, and **Albert Trapp** for taking the time to respond. Submitted by LABenson

SYTTENDE MAI REPORT

Fifty-seven of us gathered at Casper's on Thursday, May 20th for the 37th annual Syttende Mai luncheon. The gathering originator, Ole (**Dick Olson**), was there showing good recovery from his cracked disc surgery. **Dale Torgerson** was (REPORT continued on page 7)



Club Presidents at the 2010 Annual Picnic.

Left rear: Tom Turba – '09, '10; Warren Becker - '90, 91, 92; Hank Dotzler – '02,'03. Right rear: Barney Buss – '97; Brian Berggren – '07, '08; Owen Scharf – '93, '94. <u>Front: Millie Gignac – '88,89; Bernie Jansen – '98, '99, '06; Chuck Homan – '95, '96.</u>





(REPORT from page 4)

the master of ceremonies. The featured and very entertaining speaker was Margaret Hayford O'Leary, chairperson of the St. Olaf Norwegian Department.

LETTER TO THE EDITOR

From Dick Petschauer

This is a response to the unidentified writer of a letter to the editor in the VIP Club June Newsletter who apparently read, but perhaps did not understand, my 2008 Internet paper, "Carbon Heat Trapping: Merely a Bit Player in Global Warming". This paper was written for people with a general technical background to help them understand some of the basic physics of what carbon dioxide does in the atmosphere, because it is not being told to the general public. According to the writer, it is invalid because it was not cited by other web sites, either pro or con global warming alarmists.

There may be a simple reason for this: for the experts, who understand it and agree that some warming from CO2 is not an urgent problem, this is not new information, so why comment? For the alarmists, such as those who run the biased websites the writer recommends, they don't want to comment either and shed light on these basic facts. What are these facts? (1) The "heat trapping" ability of CO2 is limited to a range of about 12 to 18 microns that covers only about 20% of the infrared spectrum of the heat leaving the earth's surface. (2) A doubling of the amount of CO2 held in the atmosphere (that will take about 140 years at the present compound rate of increase of 0.5% per year) will increase this to only about 22% because CO2 is presently capturing nearly all available to it. And it will have to double again to add another 2%, etc. Temperature increases slowly as a logarithmic function of CO2 content. The UN's IPCC documents cite an equation they use: $W = 5.35 \log (Cx/C0)$, where W, in watts per square meter, equals the heat unbalance caused by a higher level of CO2, Cx, from a baseline value of C0. And in the lower atmosphere where much of the greenhouse effect occurs, water vapor covers most of the same wavelengths, cutting the impact of CO2 by more than half.

Most of the scary warming projected is from unverified "positive feedbacks" in computer models that are supposed to amplify what CO2 does, but they cannot be verified by observations. And many scientists think they may be very small or negative, reducing what CO2 does. Don't fall for the "peer review" argument. There are facts and opinions on both sides of that, but the media reports on only those they agree with. The IPCC Summary for Policy Makers, the only part of their reports that gets covered by the media, is not peer reviewed or even written or approved by scientists. The statement in the summary that "most of the warming in the 20th century was likely was man-made" cannot be found in the technical sections. There is no evidence that natural causes were not the major contributor. The IPCC charter is to study only possible man-made warming. They completely ignore a number of natural causes that cycle back and forth and affect climate. This is obvious since we see alternating warm and cool cycles that started before the growth of CO2 and still continue.

If you have not heard of the fraudulent hockey stick scare, "ClimateGate" and contaminated, fudged temperature data from the main IPCC source, false warming because of the "Urban Heat Island Effect" effecting temperature records and dropped cooler rural temperature from U.S. data sites, northern Canada and Russia, - but only after they were used in the baseline data to show "colder" temperatures in the past - and major observations of data falsifying climate models, besides other recent facts, check into these websites: scienceandpublicpolicy.org; climatedepot.com; wattsupwiththat.com; co2science.org Also do a Google search on Inhofe's Guide to Debunking GW

Yes, there will be some man-made warming. Most will show up as warmer winter low temperatures in northern latitudes because of low water vapor content. The global warming will probably be a net benefit. And trees, plants and crops are already growing faster with more CO2 in the air. We all want clean air and water, but carbon dioxide is not a pollutant. There is no need for harmful action to solve a non-problem. Things will happen slowly; many economists say it will cost much less to adapt than drive up energy prices by taxation or penalties that will have little impact on temperatures anyway. Dick Petschauer

LEGACY NEWS UPDATE

WEB SITE REVIEW

This is the sixth in a series of articles for the 40% of our members who don't have immediate internet access. Three more "Articles for the Month" are summarized hereunder.

In June 2008 we posted Jack Sater's ATC <u>overview</u> <u>slides</u> from LMCO Brown Bag presentation on May 7th. These slides start with "The FAA was put in contact with Univac by the Navy, who wanted to show Congress that their work on NTDS should continue to be funded because it also had application to civilian efforts, such as *Air Traffic Control*." This brought a 1963 contract for the Atlanta ARTS I followed by a 1966 award for the NY ARTS IA system. The engineering of these systems resulted in a 1969 contract for the terminal control systems [ARTS III] at the 64 major airports in the U.S. Ensuing systems were JARTS, Murphy Dome, ARTS IIIA, NY TRACON ARTS IIIA, Korean ARTS, ARTS IIIE, MATCALS, micro-EARTS, Taiwan ATCAS, German STCA, Denver FMA, China ASTEC, ..., Common Arts. In July 2008 we posted "Another Computer Was Born" by Curt Christensen. Selected paragraphs are: "With the death of Howie Stensel in 2007 and the previous passing of George Workman, I think that that just leaves two, Jim Button and me, who met with Don Ream one Friday afternoon in the old gilder factory at 1902 Minnehaha Ave." "The sequence went like this -Red Phillips had signed a contract with the Marines to build a new 642B compatible computer using his department's shipboard packaging technology. I was assigned as program manager reporting to George Workman. Findley McLeod was tagged as the project manager reporting to Red. The contract stated the computer must be less than 20 cubic feet!"

"Findley had called a meeting to inform Red that there was no way that they could meet that 20 cu. ft. requirement! Red got upset and started throwing out options, like using flat head rivets! Findley's response was: 'Hell Red, even if we use displacement volume instead of swept volume we still can't make it!'"

"A decision was made to explore using aerospace packaging developed by Tip Miller (being used for the 1830), a concern was that it had to be air cooled and Tip had used conduction cooling to a heat exchanger which was then cooled with forced air. This packaging technique used Muffin fans and multilayer boards for a proposed development of a 1236 computer" [would have been the 1219C.] The resulting packaging decisions became the AN/UYK-8 for the Marines. A later 'what if' study was presented to Mr. Ream on that Friday! The recommendation resulted in the definition of what was to become the AN/UYK-7!.

In August 2008 we posted the "Evolution of an Environmental Test Laboratory" written by Paul Welshinger and Bob Keenan. Environmental testing began in 1954 during development of the Bore-hole cameras. The Plant 2 facility continued until the transition to the basement of Plant 8 in the 90s. Laboratory personnel over the years were: Bob Brown, Paul Castrodale, Tom Cegla, LaVerle Cocchiarella, Pat Darmody, Bob Dieke, Lew Downing, Don Ellings, Tad Enveart, Lauren Erickson, Norb Ewald, BobFaust, Don Gabrielson, Bill Hammond, George Hayden, Bob Kissling, Phyllis Kliniski, Al Koenig, Ted LaVake, Dennis LeCroix, Rudi Melzer, Arnie Ness, Al Nieters, Red Phillips, George Raymond, Dick Ruegemer, Burely Saunders, Ray Schieski, Harry Schramel, Bryce Shimmon, Barb Story, Art Timm, Frank Tomala, Carol Wilson, and George Ziemski. Paul Carlton added a Plant 8 capability paragraph to this history paper. Submitted by Lowell Benson.

UNIVERSITY DISPLAY UPDATED

The VIP Club's Legacy display at the University of Minnesota has been updated for the current summer session. The display is located in Walter Library on the second floor in front of the reference and information desk. The current display focuses on the amazing ERA spinoff history and the rich legacy of our involvement with computers and systems in the space age.

If you are on the University campus, you can pay a visit to the actual display, or you can find a pictorial summary at the VIP Club website at http://vipclubmn.org/Documents/DisplayUniv2rev1.pdf.

LIGHTER SIDE

PASSWORD

During a recent password audit, it was found that a blonde was using the following password:

"MickeyMinniePlutoHueyLouieDeweyDonaldGoofyS acramento"

When asked why she had such a long password, she said that she was told that it had to be at least 8 characters long and include at least one capital.

GOLFER AT THE DENTIST

A man and his wife walked into a dentist's office. The man said to the dentist, "Doc, I'm in one heck of a hurry. I have two buddies sitting out in my car waiting for us to go play golf, so forget about the anesthetic, I don't have time for the gums to get numb. I just want you to pull the tooth, and be done with it! We have a 10:00 AM tee time at the best golf course in town and it's 9:30 already... I don't have time to wait for the anesthetic to work!'

The dentist thought to himself, "My goodness, this is surely a very brave man asking to have his tooth pulled without using anything to kill the pain." So the dentist asks him, "Which tooth is it sir?" The man turned to his wife and said, "Open your mouth Honey, and show him. Submitted by Harry Waldo.



Directions to Museum

From the North on 35W

East on Highway 62 Exit at Highway 55/Hiawatha. Turn right at stop light (Hiawatha Avenue). Go approximately 2 blocks and take a right at the sign that says "133 Airlift Wing, Minnesota Air National Guard. Stop at the Guard Building and show your id. They will direct you to the Museum.

From the North on 35E

If you are going south on 35E, exit on Highway 110 West. From Highway 55/110 proceed west. Exit at Highway 55/Hiawatha. Turn left at the stop light onto Hiawatha Avenue. Go over the highway and proceed approximately 2 blocks. Take a right at the sign that says "133 Airlift Wing, Minnesota Air National Guard". Stop at the Guard Building and show your id. They will direct you to the Museum.

From 494

Take 494 East/West (Depending on which direction you are traveling) to Highway 77 (Cedar) North. This intersection is just before the Mall of America. Take Highway 62 (Crosstown) East. Exit at Highway 55/Hiawatha. Turn right at stop light (Hiawatha Avenue). Go approximately two blocks and take a right at the sign that says "133 Airlift Wing, Minnesota Air National Guard. Stop at the Guard Building and show your id. They will direct you to the Museum.

From the East

From Highway 55/110 proceed west. Exit at Highway 55/Hiawatha. Turn left at the stop light onto Hiawatha Avenue. Go over the highway and proceed approximately 2 blocks. Take a right at the sign that says "133 Airlift Wing, Minnesota Air National Guard". Stop at the Guard Building and show your id. They will direct you to the Museum.

From the West

Take Highway 62 (Crosstown) East. Exit at Highway 55/Hiawatha. Turn right at stop light (Hiawatha Avenue). Go approximately 2 blocks and take a right at the sign that says "133 Airlift Wing, Minnesota Air National Guard. Stop at the Guard Building and show your id. They will direct you to the Museum.

NOTE: If you have a GPS, please enter 631 Minuteman Drive, Saint Paul, MN



VIP CLUB P.O. BOX 131748 ROSEVILLE MN 55113-0020

VIP CLUB OFFICERS AND CHAIRPERSONS FOR THE YEAR 2010 * = A/C 651, + = A/C 612, @ = A/C 763, # = A/C 952

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Directions to Eagan Community Center. Take Hwy 35E south or north to Pilot Knob Road. Turn left (north) on Pilot Knob Road. Turn left on Central Parkway (which is also the North entrance to Lockheed). The Eagan Community Center is at 1501 Central Parkway.

Directions to Unisys in Roseville. Take Hwy 35W south, or north, to the Industrial Way / St. Anthony Blvd off ramp. If coming north or south on Hwy 35E go west on Hwy 36 which will take you to the Industrial Way / St. Anthony Blvd. off ramp of 35W (Hwy 36 becomes Hwy 35W where it joins Hwy 35W). Go north on St. Anthony Blvd. to Walnut St. (the first street on the right). Turn right and go to Highcrest Road. It is the first place where you can turn left. Past the stop sign, Bldg 3 is on the right. Gate 5 is in the center of the building. From Hwy 280 northbound, use left lane exit just past Cty Rd B for Terminal road access (St Croix St.). Turn left at Terminal Rd, then turn right at Highcrest Rd to building entrance.