MARSHALL STAR

Marshall Space Flight Center — April 22, 1999

"We bring people to space — We bring space to people"

Kansas college, Missouri high school win 6th Annual 'Great Moonbuggy Race'

by Gay Watson

When the "moon dust" had settled Saturday, teams from Pittsburg State University in Pittsburg, Kan., and Graff Career Center in Springfield, Mo., were winners in the 6th Annual "Great Moonbuggy Race" at the U.S. Space & Rocket Center.

The Pittsburg State number 4 team, winner in the college division, will receive a trip to NASA's Kennedy Space Center, Fla., to view a Space Shuttle launch.

Graff Career Center, the winning high school team, will be rewarded with a weekend trip to Space Camp at the U.S. Space & Rocket Center.

Plaques were awarded to Arizona State University's number 2 team, from Tempe, and the number 2 team from the University of Tennessee at Knoxville, the second- and third-place college teams.

Monterey High School's number 2 team from Monterey, La., and Eastlake High School in Chula Vista, Calif., were the second- and third-place winners in the high school division; they also will receive plaques.

*See **Moonbuggy** on page 4*

Photo by Doug Stoffer

A team of Pittsburg State University students from Pittsburg, Kan., took first place in the college division in the 6th Annual Great Moonbuggy Race, Saturday at the U.S. Space & Rocket Center.

Landsat-7 satellite to aid studies of urban hot spots, rain forests

File photo

Workers prepare the Landsat-7 satellite for launch.

by Kelly McFalls

Marshall's Earth scientists looking for urban "hot spots" in America's cities that can alter the local climate will be receiving help from the Landsat-7 spacecraft, launched last Thursday.

Another advantage to be gained is the improved monitoring of the effects from deforestation in the Central American rain forest brought on by natural processes and clear cutting from agriculture.

Landsat-7, launched from Vandenberg Air Force Base, Calif., could lead to improved measures of global land use classification and change, with applications in agriculture and monitoring of deforestation rates.

Landsat-7 is managed by NASA's Goddard Space Flight Center in Greenbelt, Md., for the Earth Science Enterprise at NASA Headquarters in Washington, D.C.

See related story on page 3

The NASA studies investigating urban "hot spots" and Central American rain forest deforestation are conducted at Marshall's Global Hydrology and Climate Center. The Hydrology Center is jointly operated under a cooperative agreement among Marshall, the University of Alabama in Huntsville, the Universities Space Research Association in Columbia, Md., and the Alabama Space Science and Technology Alliance.

The writer, a contractor employed by ASRI, supports the Media Relations Office.

"Thumbs Up for Safety"

—Safety slogan submitted by Danny Garcia, CR30

Safety first

Four Marshall contractors surpass milestone 1 million hours without lost-time accidents

by Debra Valine

Four Marshall contractors have reached important safety milestones. Teledyne Brown Engineering, Lockheed Martin Michoud Space Systems, Computer Science Corp. and Bionetics Corp. each has recorded more than 1 million man-hours without a lost-time accident.

"Safety touches every aspect of our lives," said Amanda Goodson, director of Marshall's Safety and Mission Assurance Office. "The Marshall policy and principles place emphasis on safety both at work and home. Each person's commitment to safety will help the Marshall team reach the goal of being No. 1 in safety within NASA."

"The contractor teams," Goodson said, "have set an example for others to follow by achieving more than 1 million hours without a lost-time accident. This accomplishment is noteworthy."

Teledyne Brown Engineering recently was recognized for achieving 1 million hours without a lost-time accident. Its last accident was in February 1992. The company supplies high-pressure gases and cryogens throughout Marshall and to Propulsion Laboratory activities in the test areas.

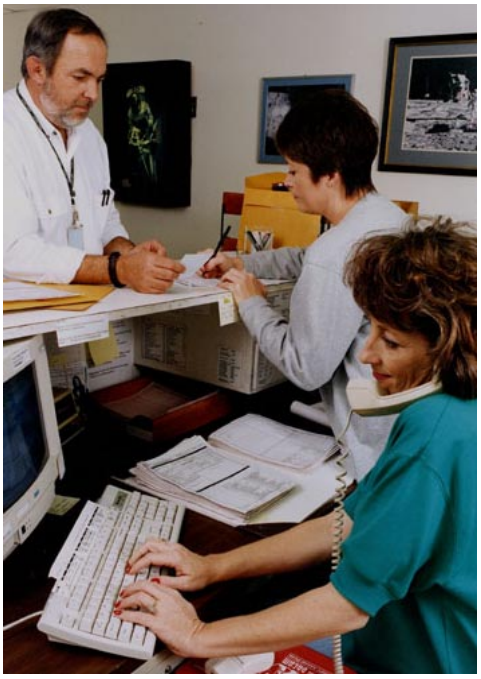
"It all starts with an organizational commitment to safety from the top down," said John Nugent, Teledyne Brown's contract safety officer. "We teach safety awareness daily, in all contract activities, because of its importance to each employee's own safety and the safety of the people around them. We give them the proper training, tools and time."

"Being acknowledged by Marshall's upper management was a tremendous boost to our people," said Mitchell Britt, Teledyne Brown's program manager. "It conveyed to them how really concerned Marshall is about safety and having team members who feel the same and have the safety record to back it up."

Lockheed Martin exceeded the milestone of 1 million man-hours without lost-time Dec. 1, 1998. The last lost-time injury occurred Jan. 8, 1993. Charles Garner, director of its Huntsville Technical Operations, said the company manufactures composite nose cones for the external tank; provides research and development for composite materials and components, thermal protection systems and welding technology; and supports various testing programs.

"There is a lot of opportunity in

*See **Safety** on page 7*



File photo

Dennis Olive, standing, Linda Marsh, standing, and Becky Grigsby are part of the team that provides imaging services at Marshall under the PrISMS contract.

Milestones to Apollo 11

File photo

Apollo 11 lifts off July 16, 1969.

***Editor's Note:** On July 16, 1969, three American astronauts lifted off on a journey to the Moon atop a Saturn V provided by the Marshall Center. Now, 30 years later, the Marshall Star is publishing some of its stories that led up to the launch of Apollo 11.*

by Mike Wright

An article on April 16, 1969, in the Marshall Star was headlined, "Apollo Crews Briefed by MSFC Men Before Flights."

The Star reported that "before each Apollo crew flies into space atop the large Saturn V rocket, a team from the Marshall Center gives them a detailed launch vehicle system briefing.

"Though the flight might lead to such history-making events as man's first flight to the Moon, or man's first landing on the Moon, the briefings are simply entitled 'Saturn V from lift-off to orbit.' Engineers here are not known for embellished titles.

"While astronauts study launch vehicles as part of their flight training, Marshall Center briefings may be tailored in part, for a specific mission. The crew learns precisely what to expect during the powered phase of the Saturn V flight."

The towering 363-foot Saturn V was a multi-stage, multi-engine launch vehicle standing taller than the Statue of Liberty. Altogether the Saturn V engines produced as much power as 85 Hoover Dams.

The writer works in the Internal Relations and Communications Office.

Marshall observes National Secretaries Week

Changing name from 'secretary' to 'assistants' is about respect

by Debra Valine

Across America, this week is designated as National Secretaries Week with Wednesday set aside as Secretaries Day.

While there are no "secretaries" at Marshall, there are administrative professionals.

One administrative professional who takes his job seriously is Billy Wilson, an administrative professional for 15 years. He works in the Employee and Organizational Development Office.

The trend in the administrative field is to get away from the title "secretary," said Wilson, who is president of the Calhoun Chapter of the International Association of Administrative Professionals.

Secretaries Week was established to increase respect for people in the profession and recognize their performance, he said. It has evolved to recognize anyone working in the administrative services field.

"Even the Professional Secretaries International organization recently changed its name to the International Association of Administrative Professionals," said Wilson, who is a certified professional secretary.

Photo by Danny Reeves

Billy Wilson reviews paperwork as part of his duties in the Employee and Organizational Development Office.

At Marshall, the title "secretary" was changed in August 1998 to two classifications — management support assistant and executive support assistant — to reflect the changing trends in the administrative field.

"The current concept we are using was based on a study of secretarial positions at the Center," said Vicky Crawford, deputy director of Human Resources. "The study found that by employing this new concept, we could eliminate inefficiencies, increase flexibility in assignments, maximize our clerical workforce and reinvent the traditional secretary as more mainstream in the role of assistants."

Crawford said each Center office has the option of recognizing its administrative personnel in an appropriate way during Secretaries Week.

The word "secretary" comes from the Latin word meaning secret, Wilson said. In those early times, secretaries were held as confidants and were men. Beginning in the 1940s, women entered the workforce and became secretaries. Women now dominate the field.

Growing up in Vicksburg, Miss., Wilson knew he wanted to be an executive secretary. "I used to watch Perry Mason on television. I just loved his secretary, she was so efficient. And I liked to watch M*A*S*H. I wanted to be just like Radar O'Reilly."

Wilson, who moved to Huntsville in 1995, also attends Calhoun Community College, where he studies computers and office information systems.

"I decided to go back to school because the office environment and technology are changing," said Wilson, who holds an associate's degree from Southeast College in Memphis, Tenn. "I am constantly encouraging people to learn so that they can be in control of their destiny."

The writer, a contractor employed by ASRI, is the Marshall Star editor.

Goldin to unveil first Landsat-7 image on Earth Day Thursday

On Earth Day, Thursday, NASA Administrator Daniel S. Goldin will unveil the first image from the Landsat-7 satellite, opening a new era in NASA's studies of our home planet.

The resolution of the new image is twice as good as previous Landsat images, distinctly highlighting airport runways, dams, cities, rivers and highways.

The image unveiling is part of NASA's Earth Day and Take Your Daughters (and Sons) to Work Day activities, which will take place at 10:30 EDT at NASA Headquarters in Washington, D.C.

Landsat 7, launched April 15, is the latest in a series that began with the Landsat 1 in 1972. The satellite is gathering data from Earth's land surface and surrounding coastal regions.

Analysis of the data will provide scientists with new information on deforestation, receding glaciers and crop monitoring. The data also will be available commercially for land-use planning and urban development issues.

During the event school children and their parents who work at NASA will interact with Goldin and members of NASA's Earth Science team, learning about our home planet and Earth Science careers.

Goldin's talk will feature the debut of the new Earth Science video, "Home." The video features four decades of images of Earth, revealing how NASA's Earth Science research has helped us see our home planet in new ways.

For more information, visit: http://www.earth.nasa.gov

Moonbuggy

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The best design award went to the College of New Jersey in Ewing in the college division, and Graff Career Center in the high school division.

"The moonbuggy race is intended to inspire students to confront the kind of hard tasks that NASA takes on, so they will be ready to carry on the mission," said Dr. Jim Dowdy, the university affairs officer with the Education Office at Marshall. "Part of NASA's vision is to inspire people, inspire students to excellence. The moonbuggy race presents students with a hard engineering challenge and stimulates them to meet that challenge," he said.

"During the race we saw some buggies breaking on obstacles. Some of these students who had worked all year were disappointed and discouraged, but they were still determined. We saw buggies that performed beautifully and the students beamed with a sense of accomplishment. All of these students took a hard job and gave it their best."

News media organizations from around the country gave the event extensive coverage that was arranged by the Marshall's Media Relations Office. Scores of newspapers, radio and television stations from coast-to-coast were provided information about the event in the weeks leading up to it.

On race day, all three Huntsville television stations, the Huntsville Times and Decatur Daily covered the event. In addition, Marshall Television produced interviews with participants and action footage packages and distributed them via satellite to 18 television stations from Columbia, S.C., to Santa Barbara, Calif., while the race was under way. Also, the Imaging Services team shot the event with digital cameras, so photos could be promptly posted on the Marshall "News Center" Website (http://www.msfc.nasa.gov/news) to meet media deadlines.

Photo by Doug Stoffer

Graff Career Center students from Springfield, Mo., won in the high school division of the moonbuggy race. Teams from five high schools and 14 colleges from across the country competed in the daylong event.

The 28 teams entered in the competition, representing five high schools and 14 universities, raced their versions of the moonbuggy over a half-mile course of simulated lunar terrain at the Space & Rocket Center. The race was sponsored by Marshall, developer of the original Lunar Roving Vehicle; the Space & Rocket Center; the American Institute of Aeronautics and Astronautics; Sci-Quest and the Alabama Aerospace Teachers Association.

The college teams included Arizona State University in Tempe; Cameron University in Lawton, Okla.; North Dakota State University in Fargo; Ozarks Technical College in Springfield, Mo.; Pittsburg State University in Pittsburg, Kan.; Purdue University in Indianapolis, Ind.; Southern Illinois University in Carbondale; Southwest Missouri State University in Springfield; College of New Jersey in Ewing; University of California in Santa Barbara; University of Evansville in Evansville, Ind.; University of Puerto Rico in Humacao; University of South

Photo by Tony Triolo

A team from Monterey High School, La., concentrates on negotiating a curve during the moonbuggy race.

*See **Moonbuggy** on page 5*

Moonbuggy

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Alabama in Mobile; and University of Tennessee in Knoxville.

High school teams represented Autauga County Technology Center in Prattville, Ala.; Eastlake High School in Chula Vista, Calif.; Graff Career Center in Springfield, Mo.; Monterey High School in Monterey, La.; and Spring Valley High School in Columbia, S.C.

The writer, a contractor employed by ASRI, supports the Media Relations Office.

Photo by Tony Triolo

Ozarks Technical Community College negotiates a Moon crater.

Photo by Emmett Given

Arizona State University cools off at the finish.

Information Technology Security: time bombs, Trojan horses

by Steve Jones

Computer viruses have come a long way since the term was first coined by doctoral candidate Fred Cohen in 1984. Basically, a computer virus is a small software program, or piece of a program, which attaches itself to some other piece of computer data and replicates itself.

Peer pressure and competitiveness within the virus-writing community are in large part to blame for the ever-expanding subculture of virus writers we see today.

There are countless different types of computer viruses. Two of the most common are time bombs and Trojan horses. The time bomb virus replicates and spreads itself, then often sits dormant on a computer until something specific happens. The program usually waits to become active on some special date or other event. Friday the 13th, or the virus writer's birthday are two popular triggers that have been see to-date.

The Trojan horse program is named after the Greek gift to the Trojans. A seemingly innocent gift, a Trojan horse virus attaches itself to another software program and simply hides there, sometimes never doing any damage at all.

So what is the point of such a virus? To the virus writer, it can often be a source of pride especially if the program had managed to spread across a great distance and through many computers.

Viruses can spread throughout computer networks, including those of Marshall, like a wildfire. The best defense against a computer virus infection is a vigilance to use "safe computing" practices:

- Don't download, install or run programs from untrusted software sources
- Keep computer anti-virus software program definition files up-to-date
- Run computer anti-virus scans regularly, preferably daily.

For more information, please contact Steve Jones, Marshall's Information Technology Security coordinator, at 544-4373, or by e-mail at: steve.jones@msfc.nasa.gov

For assistance with a computer virus emergency, or if unsure of a virus situation, contact the Incident Response Team via the Information Support Center at 544-4357, or by e-mail at: IT.Security@msfc.nasa.gov

The writer is Marshall's Information Technology Security coordinator.

Upcoming Events

- ***All-hands Meeting*** — All civil service and contractor employees are invited to join Center Director Art Stephenson in Morris Auditorium Friday for the next all hands meeting. The agenda topics include safety, values, restructuring status, process improvements and Center process teams, personnel restructuring activities and moving plans and guidelines. It will be broadcast via Marshall closed-circuit television for those unable to attend.
- ***Earth Day Activities*** — The Global Hydrology and Climate Center is hosting students from three area schools as part of Earth Day activities Thursday. The students will visit from 9-11 a.m. The Hydrology Center is also hosting an open house Thursday from 1-3 p.m. to celebrate Earth Day. The center will be open to the public, Marshall employees and contractors. Buses will run from Marshall to the Hydrology Center at 12:45 p.m. and 2 p.m. from Bldgs. 4481 and 4200. Return trips will be at 1:45 p.m. and 3 p.m.
- ***Tree Planting Ceremony*** — Marshall Center will celebrate Earth Day on Friday at Bldg. 4650 from 10-11 a.m. Speakers will include Huntsville Mayor Loretta Spencer and Maj. Gen. Emmitt E. Gibson, commanding general of the U.S. Army Aviation and Missile Command at Redstone Arsenal. In case of inclement weather, the ceremony will take place in Morris Auditorium.
- ***Relay for Life —*** The *Relay for Life*, an activity that offers an opportunity to participate in the fight against cancer, will be held May 14 at Joe Davis Stadium from 7 p.m.- 7 a.m. Volunteers are needed for the luminary ceremony and the children's activities. Interested Marshall employees and contractors may sign up until May 7 through the "Inside Marshall" Website.

Quality Thinking

Learning from our mistakes

by Tom Dollman

Having fixed an individual problem with a product, service or our quality system through remedial action, how do we prevent problems from reoccurring?

This can be accomplished through the Recurrence Control Action Report system. A report can be generated by the Corrective Action Board as the result of a customer complaint via the Quality Comment System, a Quality System Deficiency Notice or an Safety and Mission Assurance Office-generated Discrepancy Record.

Employees may be called upon to contribute to resolving the recurrence report so that these problems don't re-occur. Procedures for processing these reports are available in the document MSFC-P14.1, "Corrective Action System," which can be obtained from the ISO Document Library at: masterlist.msfc.nasa.gov

A database of Recurrence Control Action Reports is accessible by clicking the rotating bar at "Inside Marshall."

Occasional mistakes may happen, but they shouldn't be repeated.

The writer works in the Technology Transfer Office.

Public Service week events set May 3-9

Public Service Recognition Week May 3-9, recognizes the services which public employees at the federal, state and local levels provide to improve the quality of American life.

The week, celebrated since 1985, offers an opportunity to say "thank you" to public employees for dedicated service and to inform Americans about the range and quality of vital services provides by public employees.

Events include a luncheon, a mall exhibit and visits to area schools by Marshall employees.

An exhibit at Madison Square Mall on May 6 from 10 a.m.-9 p.m. will feature information about Marshall and its programs. Other governmental agencies will be represented.

The luncheon is May 5 at 11:30 a.m. at the Holiday Inn at Madison Square Mall. Mike Wing, chief executive officer of the U.S. Space & Rocket Center, will speak. Additional information and tickets at $12 are available by calling Rosa Kilpatrick at 544-0042.

Photo by Dennis Olive

North Alabama Girl Scouts staff visits

Marshall's Johnny Clark, left, of the Materials and Processes Laboratory, briefs staff members of the North Alabama Girl Scouts visiting the Productivity Enhancement Center and the Payload Operation Integration Center last Thursday.

Stephenson visits A&M

Dr. Daryush Ila, left, professor of physics at Alabama A&M University in Huntsville, briefs Center Director Art Stephenson, foreground, about the university's Center for Irradiation and Materials. Stephenson toured the campus recently to learn more about NASA's interaction with historically black colleges and universities. Accompanying Stephenson are Marshall's Equal Opportunity Director Charles Scales, right, and Willie Love, Equal Opportunity Office assistant director.

Photo by Emmett Given

Safety

Continued from page 2

activities such as these for something to go wrong, which makes me especially proud of our employees' safety record," Garner said. "We have an excellent safety program, but it is the skill and attitude of the individuals doing the work which make it successful."

Computer Science Corp. and its subcontractors, Wang Government Services Inc. and Distributed Information Services, hold the Program Information Systems Services Distributed Information Services (PrISMS) contract. The company has logged more than 2.5 million man-hours without a lost-time accident. Its last lost-time injury occurred in February 1998. Distributed Information Services has never had a lost-time accident, according to Dan Moore, manager of PrISMS Security and Safety Section.

"The old adage 'safety is everyone's responsibility' has never been more appropriate than in this age of downsizing," Moore said. "When every employee watches out for the safety of his co-worker, we will have significantly reduced the chances for an accident to occur."

The PrISMS contract provides Marshall with mainframe and mid-range computing operations; information technology engineering and analysis, procurement and security; multimedia production design and development; help desk operations, integrated financial management operations; and other services.

Bionetics Corp., in its 34-year history of providing aviation services at Marshall also has accumulated more than 1 million hours without a lost-time accident and more than 70,000 flight hours without an in-flight accident. "These hours were accumulated while furnishing operation and maintenance for eight different aircraft," said Dwight Bates, administrative manager for Bionetics.

The writer, a contractor employed by ASRI, is the Marshall Star editor.

Photo by Terry Leibold

Richard Smith and Don Morrison of the Bionetics Corp. perform routine maintenance at Marshall's aircraft operations.

Employee Ads

Miscellaneous

★ Tiller, 6 HP, $150; Yamaha golf cart, $1,700; trailer, 8' x 4', $250. 883-8522
★ Ford F150 factory fender flares, beige, $200; chrome step bars, $175. 890-0297
★ Hay, fescue and mixed grasses, baled in Oct. '98, $2 per bale in barn. 837-2461
★ King size waterbed, soft side w/10 water tubes, box springs & frame, one innerspring mattress, $350. 864-2544
★ 1989 Invader 18' boat and trailer, 140HP, 3.0 L, inboard/outboard Mercruiser (350 hrs.), $5,000. 350-2062
★ Apple iMac 233/96/6/56kbs bondi blue, barely used, $1,000. 837-0656
★ Bio-Dyne Euro gym, 200 lb. Stack, multiple stations, chin-up, abdominal, chest, arm, leg & back, $1,100 obo. 881-8877
★ Challenger (51-L) launch cover, color cachet, KSC cancel, $60. 773-7730
★ Solid oak china cabinet, three leaded glass doors on top, lots of storage below, $800. 895-9520
★ White Delta locking truck box for compact pickup, $125 installed. 883-7695
★ Welsh oak baby crib with mattress, $80. 828-7377
★ Callaway X-12 irons, steel shaft, 3-PW, $500. 586-6413
★ Sailboat, 1987 Hunter, 23', sleeps 4, includes trailer, $3,500. 498-5525
★ Exercise equipment; oriental rugs, make offer. 971-0048
★ Kenmore Kitchen Mate refrigerator/freezer, 26 cu. ft., removable decorator panels, thru-door ice/water, $500. 880-8134
★ Callaway Big Bertha driver, War Bird fiberglass shaft, $100. 341-0035
★ AKC Australian shepherd, 12 mo. female, black, all shots, crate & kennel available. $75 obo. 881-5088

Vehicles

★ 1994 Cadillac, Eldorado, Northstar engine, all power, leather, 75K miles, $14,900. 650-0852
★ 1980 Citation, $995 obo; 1981 Mustang, $1,195 obo; both 4-cylinder, automatics; good work cars. 837-3844
★ 1992 Acura Legend L, 82K miles, $12,500 firm. 880-6928
★ 1994 Chrysler Concord, 3.5 liter engine, 58K miles, fully equipped, $9,500. 883-0313
★ 1993 Honda Accord LX, auto transmission, new tires, 115K highway miles, $8,900. 350-2999
★ 1996 Saturn SC2 coupe, 25K miles, 5-speed, sun roof, alloy wheels, AC, $11,000. 722-0872
★ 1997 Ford Taurus GS, black, fully equipped, 29K miles, leather, new tires, 4-door, $12,900. 353-5358

Wanted

★ Queen size wicker headboard. 971-0048

Lost

★ Green knapsack w/books inside, Bldg. 4250. 544-4758

Free

★ Lawnmower, convertible rear bag or side discharge, self-propelled. 498-5575
★ Used monkey bar set with slide, not new but sturdy, you pick up. 830-1346

Center Announcements

☞ ***Apollo 11 Slogan Contest —*** The Apollo 11 30th anniversary Celebration Committee is inviting all employees and on-site contractors to participate in its "name the theme" contest. Theme submissions should define the past (from the moon landing), present and future. The deadline is May 7. The winner of the contest will be awarded a prize. For more information, call Ola Metcalfe at 544-0793.

☞ ***MESA Meeting*** — All Marshall Engineers and Scientists Association (MESA) members are invited to the monthly membership meeting Thursday at 11:30 a.m. in Bldg. 4471, room C-105.

☞ ***MOO Retirees Meet*** — The Management Operations Office retirees will meet for breakfast/lunch Thursday at 10 a.m. at the Cracker Barrel in Madison. All present or former MOO members are welcome. For more information, call 539-0042.

☞ ***MARS Golf Club Tournament —*** A four-player scramble tournament will be held May 1 at Guntersville State Park. You may select your own partners. For those without complete teams, we will attempt to fold in single entrants as required. Team handicap will be 40 percent of the sum of individual handicaps, and adjusted within flight. Cost to enter is $4, with entry deadline Friday. The entry contacts are: Lee Foster at 544-1589, Joey Butler at 544-3808 and Bill Galloway at 544-0558. For more information, call Phil McKinnon at 544-0579.

☞ ***CFC Solicits Slogans*** — Campaign slogans are being solicited for the 1999 Tennessee Valley Combined Federal Campaign (CFC). The chosen slogan will be used in publications, training, training materials and activities. Slogans should be submitted before May 4 by calling Glen Allison at 876-4298.

☞ ***Spring Dinner Dance —*** Tickets for the May 15 Spring Dinner Dance are now on sale by the MARS Ballroom Dance Club. The semi-formal event will be held at the Von Braun Center, featuring ballroom music by the Charlie Lyle Band. Socializing begins at 6:30 p.m., a buffet dinner will be at 7 p.m. and dancing from 8-11 p.m. Tickets, at $19 per person with a $3 discount for members, can be purchased from Tamara Landers at 544-6818, Pat Sage at 544-5427, Ed Ogozalek at 837-1486, Linda Kinney at 544-0563, Bob Williams at 544-3998 and Hugo Berry at 544-3525. Reservations for a table of eight can be made by calling Woody Bombara at 650-0200.

☞ ***Semiannual Bookfair —*** The semiannual Bookfair, sponsored by the NASA Exchange, will be held April 27-29 from 8 a.m.-4 p.m. in Bldg. 4203, room 1201. A selection of bestsellers, cookbooks, decorating, sports and children's books will be available for purchase at a savings. For more information, call the Exchange Office at 4-7564.

☞ ***Softball Life After Retirement —*** The Huntsville Senior Rockets slow-pitch softball team is looking for players 55 years old or older. Call 880-7080, ext. 206, for details, or bring your glove to Field #4 at Brahan Springs Park at 10 a.m. any Monday, Wednesday or Friday.

☞ ***'Beanie Babies' for sale —*** The first shipment of new Ty "Beanie Babies" has arrived at the NASA Exchange and will go on sale at 10:30 a.m., Friday, on a first-come, first-serve basis. Although 21 different styles have been received, due to a limited shipment each person is restricted to one per style and a maximum of three total. The cost is $6 each. Other new items at the Exchange include a long-sleeve NASA logo denim shirt; a low-profile, black, with gold-embroidered NASA cap; and an astronaut beanie buddy. A new supply of the John Glenn Hot Wheels Action Pack is available at $5 each, along with the NASA logo Beanie Baby space suit. The NASA Exchange is located in the Marshall Activities Building, Bldg. 4752, on Tiros Road.

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