



'We bring people to space — We bring space to people'

Fun, food at Center's holiday reception Dec. 14

Marshall's annual holiday reception will be from 1-3 p.m. Dec. 14 at the Bldg. 4752 north structure. There will be entertainment, good food, fun and fellowship.

Donations of nonperishable food items or toys will earn raffle tickets for prizes.

Center employees, retirees and contractors are invited to participate in the festivities.

Shuttle services will be provided every 15 minutes beginning at 12:30 p.m. and ending at 3:30 p.m. for all Marshall team members attending the holiday reception. Buses and vans will drop off and pick up passengers at Bldg. 4752, north structure.

Individuals who need special assistance with transportation may call 544-8294.

Stop No. 1: Bldg. 4200, west side (main loop)

Stop No. 2: Bldg. 4203, north loop

Stop No. 3: Bldg. 4250, east end; Bldg. 4207, northeast

Stop No. 4: Bldg. 4705, south side; Bldg. 4708, northwest; Bldg. 4707, north side

Stop No. 5: Bldg. 4493, west end of Bldg. 4483; Bldg. 4481, west end; Bldg. 4471, east end

Stop No. 6: Bldg. 4612, west side; Bldg. 4610, north side

Stop No. 7: Bldg. 4487, main (south side)

Stop No. 8: Bldg. 4663, main (north side); Bldg. 4650, east side

Stop No. 9: Bldg. 4666, main; BAC49 south side (parking lot entrance)



Photo by Doug Stoffer, NASA/Marshall

Lighting the tree

Marshall Associate Director Sid Saucier presided over the lighting of the holiday tree Monday. He reminded onlookers that the tree celebrates the beginning of the holiday season. He asked that as each employee celebrates the season in his or her way, that the focus be on safety.

STS-97 launch begins new century for Space Shuttle program

by Lynnette Madison

It's not routine. It never will be." When the Space Shuttle Endeavour lifted off Pad 39B Nov. 30 on the 101st Shuttle launch, the individuals who work for the Space Shuttle Projects Office at Marshall took a deep breath and remembered those words.

No launch is routine even after 100," said Alex McCool, manager of the Space Shuttle Project Office at Marshall.

McCool used those same words at a recent Shuttle Projects meeting, reminding co-workers there is much more work to be done: Eight flights are planned within the next year with one to include upgrades to the Shuttle.

The Marshall Center serves as NASA's lead center for research and development of the propulsion systems that enable safe, reliable and lower-cost access to space and space exploration. Marshall is the home of

the Shuttle's External Tank, Solid Rocket Boosters — which include the Reusable Solid Rocket Motor — and Main Engines.

"Our team is on top of our game — upbeat and looking forward," said George Hopson, manager of the Space Shuttle Main Engine Projects Office. "It's

exciting for the Shuttle team to have so many flights scheduled."

Hopson is one of the more than 120 people at Marshall who have worked on the Shuttle program since its inception in the 1970s.

"Completing the 100th flight was a milestone. But

we have a lot of work to do during the next year. We've got to meet our responsibility to the crews that fly the Shuttle — and that means putting safety first," said



McCool

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Photo by Emmett Given, NASA/Marshall Space Flight Center

Marshall goes gold

Maj. Gen. Al Sullivan, second from left, commanding general of Redstone Arsenal, presents the Combined Federal Campaign's Gold Certificate to Marshall's Axel Roth, second from right, director of the Flight Projects Directorate. Roslin Hicks, left, Marshall's Combined Federal Campaign chairwoman, and Lowell Newton, right, of the Office of the Chief Financial Officer, look on. The Marshall Center raised more than \$500,000 in this year's campaign.

Follow guidelines when giving, receiving holiday gifts

As the holidays approach, organizations that do business with NASA may seek to spread cheer by giving gifts, inviting us to parties and receptions, or otherwise entertaining NASA employees.

However, the Standards of Ethical Conduct for Employees of the Executive Branch prohibits employees from accepting gifts from contractors, grantees, industry associations or any other for-profit or non-profit entity that does business with NASA, with limited exceptions. Federal employees must remain aware of responsibilities in the appropriate handling of refreshments, entertainment, gifts and gratuities.

Generally, NASA employees may not, directly or indirectly, solicit or accept any gift given because of the employee's official position or from a "prohibited source." "Prohibited source" is a broad category, which includes both profit-making and not-for-profit organizations and individuals. A "prohibited source" is any person or organization who:

- Is seeking official action by NASA,
- Does business or seeks to do business with NASA,
- Conducts activities regulated by NASA,

- Has interests that may be substantially affected by performance or nonperformance of a NASA employee's official duties, or

- Is an organization the majority of whose members fall within the above.

As exceptions to the general rule, NASA employees may accept certain items from prohibited sources under certain limited conditions. These exceptions include:

- Non-cash gifts, including meals and entertainment, with a total value of \$20 or less per occasion, provided that such gifts do not exceed \$50 from any one source during any calendar year;

- Modest food items and refreshments, such as soft drinks, coffee and donuts, not offered as part of a meal, and;

- Greeting cards, plaques, and other similar items intended solely for presentation.

Just because certain gifts may be accepted does not mean that they necessarily should be accepted. Employees must remain sensitive to situations appearing to present a conflict of interest. For example, employees who serve on Source Evaluation Boards or who perform

other contracting functions must be mindful of the appearance created by their attendance at contractor functions, even if the employees pay for their attendance.

There are also restrictions on gifts given within the workplace. Supervisors are generally prohibited from soliciting or accepting any gift from a subordinate. There is an exception permitting gifts to superiors on an occasional basis when gifts are traditionally given or exchanged. Acceptable holiday-related gifts include:

- Non-cash gifts of \$10.00 or less per occasion,
- Food and refreshments shared in the office among several employees,
- Personal hospitality and related items of a type and value customarily provided by an employee to personal friends.

Like gifts from "prohibited sources," the fact that gifts to superiors may be legally accepted does not mean that they must be accepted. Supervisors who would prefer to avoid all gift-related issues should let their desire to forgo gifts be known.

For more information, call the Marshall Office of Chief Counsel at 544-0010.

Marshall employees selected to participate in SES Program

Carl P. Jones; Linder L. Metts Jr.; James W. Owen; Charles H. Scales; and Dr. George R. Schmidt are among 32 individuals selected to participate in NASA's Senior Executive Service Candidate Development Program.

This comprehensive development program is designed to provide a series of intensive development experiences for people who are judged to have high potential for assuming executive responsibilities. These experiences, normally to be completed over a period for 12-18 months, include formal courses and seminars, work assignments and individual mentoring from current senior executive service members.

Marshall Association elects new officers for coming year

The Marshall Association has elected new officers for the coming year. Jim Frees of Marshall's Chief Counsel Office is president; Rosa Kilpatrick, Government and Community Relations Department, vice president for programs; Pam Takada, Engineering Directorate's Avionics Department, vice president for communications; and Efram Hanson, Space Flight Projects Support Department, treasurer.

The Marshall Association provides a forum for the exchange of ideas and information.

It sponsors two scholarships for the children of Marshall civil service and retired employees.

Membership is open to all current and former Marshall civil service employees. For information, contact Hanson at 544-6340 or by e-mail.

Marshall history book receives AIAA award

Power to Explore: A History of the Marshall Space Flight Center 1960-1990" has been awarded the American Institute of Aeronautics and Astronautics 2001 History Book Award.

The history — published earlier this year — analyzes 30 years of history at Marshall from its origins in 1960 to its status in 1990 as one of the most diversified of NASA's field centers.

Individual chapters discuss military rocketry programs in Germany and the United States, Apollo-Saturn, Skylab, Space Shuttle, the Space Station and various scientific and technical projects including the Hubble Space Telescope.

The publication of the history represents the culmination of several years' work by a team of employees and retirees at Marshall who coordinated the review, and in-house development and printing of the book. Dr. Andrew Dunar and Dr. Stephen Waring from the University of Alabama in Huntsville authored the book. The AIAA award will be presented in Reno, Nev., in January.

Current Marshall civil service employees who will have accumulated 15 or more years of government service by Oct. 1, 2001, will be eligible to receive a copy of the book at no charge beginning Dec. 11. These employees should present their Marshall Center civil service badge in Bldg. 4200, room G30, before Jan. 11. Hours of distribution will run daily from 9 a.m. to 3 p.m.

A copy of the book has been posted on the Web at: <http://history.msfc.nasa.gov/book/bookcover.html>

Limited copies are also available for checkout from the Marshall Technical Library in Bldg. 4200, room G11.

The book is also for sale for \$49 domestic postpaid or \$65.25 abroad, from the U.S. Superintendent of Documents. It is also available by mail from the U.S. Government Printing Office, Documents Warehouse, 8610 Cherry Lane, Laurel, Md. 20707. The phone number is (202) 512-1707 ext: 30273. By fax: (202) 512-1657. The book is stock number 033-000-01221-7.

This book also may be purchased from the NASA Information Center, Code CMI-1, NASA Headquarters, 300 E Street SW, Room 1H23, Washington, D.C. 20546-0001, (202) 358-0000. Order NASA SP-4313.

Obituaries

Abercrombie, R. B., 65, of Guntersville, died Dec. 3. He was employed by Creative Management Technology (CMT), and worked at Marshall as a janitor for more than 37 years. He is survived by his wife, Virginia Abercrombie, and son, Chad Abercrombie.

Rutledge, William S., 69, of Huntsville, died Oct. 9. He retired from Marshall in 1986 where he worked as a supervisor in the Program Planning Directorate. He is survived by his wife, Mary J. Rutledge.

Clark, William O. Sr., 79, of Huntsville, died Nov. 26. He retired from Marshall in 1979 where he worked as an aerospace engineering technician in the Science and Engineering Directorate. He is survived by his wife, Mary E. Clark.

Marshall mentors help middle school students

Local students build robots with Legos for competition

Marshall mentors have teamed with area students to form a winning team — in this case three teams, all from Discovery Middle School in Madison.

Computer Sciences Corp. and Ai Signal Research Inc. sponsored three Discovery Middle School teams — Team A, Team B and Team C — in the FIRST Lego League robotics competition. FIRST — For Inspiration and Recognition of Science and Technology — has a similar competition for high school students.

In the competition held last Saturday in Cooksville, Tenn., Discovery Middle School won six of the 14 awards given. Each team built a robot out of Legos that would meet a predetermined challenge.

Team A — Fire-Breathing Salamanders — won the Director’s Award Runner-up and Innovative Design Award. Team B — BioHazard — won the Programming Award. And Team C — Lava Crushers — won the Director’s Award, Performance Award and Gracious Professionalism Award.

The challenge the robots faced involved a volcanic eruption.



Josh Savage helps assemble the Legos.

The robots had 2.5 minutes to prevent or minimize loss of life and property, while collecting scientific data about the volcano. Along the way, the robot had to rescue a stranded scientist, place barriers at strategic places within the “village,” deploy a gas sensor into the volcano so that no part of the sensor was touching the table, and download seismic data that was aimed at triggering the volcano.



Courtesy photos

Dusty Goodman, left, Paul Herring, center, and Lierin Martin test the robot.

Fire-Breathing Salamanders (A)	BioHazard (B)	Lava Crushers (C)
Lance Bernhardt	Mark Acker	Geoffrey Brown
DeAnna Gigandet	Cory Chapman	Colin Cahill
Todd Gilliam	Marrero Jacob	Michael Curtis
Dusty Goodman	Alam Jordan	Sam Czach
Paul Herring	Jennifer Mobley	Matthew Holt
Alex Kelly	Nathan Newcomb	Anthony Lundquist
Jacob Marrero	Dan Phipps	Matthew Madisetty
Lierin Martin	Alan Pritchard	William Martin
Grant Patten	Meagan Speight	Trey Matthews
Josh Savage	Cody Stepko	Matthew Moe
Stuart Strommen	Stephen Suggs	Adrian Morris
Mitchell Tankersley	Mitchell Tankersley	Noah Myers
	Elliot Terrell	Megan O’Leary
	Alan You	Laura Quinn
		Eric Stevens

Space Shuttle

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Hopson.

Ongoing improvements to the Shuttle’s propulsion system are one way that Marshall places safety at the forefront.

Continuous integration on the Shuttle of state-of-the-art technologies has improved safety, reliability and performance; reduced turnaround time; eliminated obsolescence and cut operations costs.

Since the first Shuttle flew in 1981, three modifications to the Main Engines have more than tripled estimates of their safety. During the next four years, the Marshall Center will implement plans for continuing improvements on all of the Shuttle elements that it maintains.

Main Engine improvements being considered include adding an optical and vibration sensor system and computer — called an Advanced Health Management System — to the engines that will “see” trouble and shut down the system a fraction of a second before any harm can be done.

Other possible Main Engine improvements will incorporate a redesigned main combustion chamber with a larger throat to reduce pressure and temperature on internal parts without reducing thrust; and a new, more reliable engine-nozzle design to eliminate the need for more than 500 welds. Each weld is considered a weak link that could become the source of a potential leak.

Recently, the Solid Rocket Booster team recommended a safety enhancement

by selecting a gaseous helium-powered auxiliary power unit to provide an updated steering power source for the boosters. Also, changes to the solid rocket propellant manufacturing process will make the workplace safer for Shuttle technicians.

In 1998, the Shuttle’s redesigned Super Lightweight External Tank flew for the first time. Upcoming improvements include a new friction-stir welding technique that will produce stronger and more durable welds throughout the tank.

From the inside out, thousands of advances in technology and enhanced design will make the Shuttle a safer, more powerful and more efficient spacecraft.

The writer, employed by ASRI, supports the Media Relations Department.

Marshall woodworker hobbyist featured in national magazine

by Debra Valine

Being published in a national craftsman's magazine was not what Scott Phillips expected when he first started building Space Shuttle models out of wood more than 15 years ago.

"Woodshop News," a magazine for and about people who work with wood, is featuring Phillips in its December issue. Phillips is a logistics engineer for Lockheed Martin at the Marshall Center, where he has been a member of the External Tank team for 23 years.

Both woodworking and the Space Shuttle are in his blood. "I love working with wood — particularly exotic hard woods — and I love the Shuttle," Phillips said. It is evident in his office — his museum — where he has pictures, plaques and models all devoted to his hobby and his work.

He first started learning his hobby 15 years ago, and he admits those early models were pretty rough. But over the years, he has fine-tuned his woodworking skills. This year he completed 13 Space Shuttles, all one-of-a-kind. Each one has a serial number and comes with a certificate of authenticity signed by Phillips that includes the types of wood he used in its manufacture. He has built 75 Space Shuttle models since 1985.

He also makes plaques for co-workers and furniture, such as Adirondack chairs, for family members. His products can be seen on the Internet at: <http://www.geocities.com/scottspace/>

"I keep documentation on each model to ensure I don't build the same model twice," said Phillips, who lives in Harvest, Ala., with his wife Dianne and sons Christian and Tyler. "Each model is unique." Some are signed by the astronauts who flew the mission the Shuttle model is dedicated to.

Favorite model

His favorite is a model of STS-93 that has been signed by the crew, including the first female shuttle commander, Eileen Collins. "I keep that one on a bookshelf in my living room," he said. His wife was with him when the crewmembers signed the model. He said without her support, he would not be able to pursue his hobby. His family is very important to him. He divides his time so he has ample time for family before heading to his workshop to spend time on his hobby.

Phillips remembers working on models when he was 10 years old — during the Apollo years. "I fell in love with wood and the Shuttle at the same time," he said. Less than 10 years after humans landed on the Moon, Phillips started his career with the space program with Lockheed Martin — then Martin Marietta.

"I have worked on all three versions of the External Tank and all 100 Shuttle launches," said Phillips, who handles shipping and other logistics support for the External Tank. He recently



Photo by Terry Leibold, NASA/Marshall Space Flight Center

Phillips displays some of his models.

received a plaque from Alex McCool, manager of Marshall's Space Shuttle Projects Office commemorating his involvement in the first 100 Shuttle flights. "Only 120 employees at Marshall received a plaque like that one."

He said in his early woodworking days, co-workers approached him to build plaques for other co-workers who were retiring. And he enjoyed doing it. It was fun. Then he reached a turning point where he became more serious about his hobby.

"The turning point came for me when I built a model as a memorial to a co-worker, John Ransburg, who had died of a heart attack on the golf course," said Phillips, who is known by co-workers as The Shuttleman. "We presented the model to his family at a memorial dinner we had at the office. When I looked around the room, his wife, son and grandchildren had tears in their eyes. It was hard for me to maintain my control. I realized at that time that my models meant something to people who were involved in the Shuttle program. They really seemed to appreciate it.

"When most people look at trees, they see bark, leaves and branches," Phillips said. "I see beyond that to the characteristics of each type of wood and see what it will look like when it is blended with other types of wood. All wood goes beautifully together — nature made them that way. I get a real kick out of seeing all the colors come to life when I apply the finishing touches to a model."

Phillips negotiates the price on each model he builds. The money he receives goes back into supplies for future projects.

"This is my hobby," Phillips said. "I don't do it to make money. I want to make art pieces that people will enjoy. I want it to be my legacy to my sons."

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

Food shopping with your health in mind

The first step to eating healthier is to stock your house with healthier foods. Try these suggestions for shopping with health-smarts:

1. Always read the food labels. Even foods that seem similar can have very different nutritional values, fat content and calories. If a food doesn't have a label, don't buy it. A tip to keep in mind: Ingredients are listed by weight; for example, a label that starts with sugar means that the product has more sugar than anything else.

2. Stay away from fatty foods, sodium, caffeine, cholesterol, sugars and nitrates. The healthy rules of thumb:

- fat can cause heart disease, so keep total fat to less than 20 percent of calories, with less than 10 percent from saturated fat.
- salt can cause high blood pressure, so keep sodium and salt to 3,000 to 4,000 mg day.
- caffeine can raise your blood pressure and facilitate dehydration.
- cholesterol can clog arteries, so limit it to no more than 300 mg a day.
- sugar adds unneeded calories, and nitrates may cause cancer.

3. Go for the good fat. Some fat is necessary in your diet. But the goal is to cut back on saturated fats, keeping it to less than 10 percent of total calories. The "good" fats include monounsaturated, which can lower bad cholesterol, and polyunsaturated. Sources of monounsaturated fat: canola and olive oils and nuts. Items like corn, soybean and fish fat are rich in polyunsaturated fat.

4. Don't forget the fiber. Whole grains, fruits, beans and other vegetables are high in fiber, which helps you eat less, maintains your energy, fights off bad cholesterol and helps you pass waste. Dietitians recommend up to 35 grams of fiber a day.

5. Never shop on an empty stomach. This is prime breeding ground for impulse junk-food buying.

—Adapted from the *Detroit News*

Are you moving?

Do you need moving labels, boxes and tape?

If you are moving to a new building or just being relocated within your current building and need moving boxes, packing tape and move labels, there's a process to make it simple.

For boxes and tape, call Cheryl Smith at 544-9490. Provide name, badge number, organizational code and the location for delivery. Allow time to receive the items from the warehouse — at least one full day after the request has been submitted. Plus allow two to three days to pack before the scheduled move.

Packing tape also is available from the Bldg. 4471 Supply Substore, located on the north side of the building.

When placing an order for boxes, also order move labels. Ensure all the information is on the labels. Ensure a move label is on all items to be moved.

For pickup of extra boxes, tape or labels, fax a completed MSFC Form 915 requesting pick-up to 544-5290. Make sure the boxes are broken down and any move labels are removed or the old information is marked through.

For more information, call Debie Grissom at 544-6572.

Astrobiologists find evidence of early life on land in Africa

Scientists with NASA's Astrobiology Institute have discovered fossilized remnants of microbial mats that developed on land between 2.6 billion and 2.7 billion years ago in the Eastern Transvaal district of South Africa.

This significant discovery presents the strongest evidence to date that life on land occurred at a much earlier stage in Earth's history than was previously believed by most scientists. It also suggests that an ozone shield and an oxygen-rich atmosphere existed on Earth 2.6 billion years ago, both necessary conditions for life on land to emerge. The results are reported in the Nov. 30 issue of *Nature* magazine.

The finding have important implications for NASA. "The suggestion that an ozone shield existed as early as 2.6 billion years ago boosts our chances in the search for life on planets orbiting other stars," said Dr. Michael Meyer, astrobiology discipline scientist at NASA Headquarters in Washington, D.C.

Scientists discover evidence of Martian land of lakes

In what ultimately may be their most significant discovery yet, Mars scientists say high-resolution pictures showing layers of sedimentary rock paint a portrait of an ancient Mars that long ago may have featured numerous lakes and

shallow seas.

"We see distinct, thick layers of rock within craters and other depressions for which a number of lines of evidence indicate that they may have formed in lakes or shallow seas. We have never before had this

type of irrefutable evidence," said Dr. Michael Malin, principal investigator for the Mars Orbiter Camera on NASA's Mars Global Surveyor.

For more information, visit the Web at: <http://mars.jpl.nasa.gov/mgs>

Center Announcements

3D Prevention Month

December is National Drunk and Drugged Driving (3D) Prevention Month. In support of this awareness program, there will be a special presentation from 9-10 a.m. Friday in Morris Auditorium. Bernice Rush, representing Mothers Against Drunk Driving (MADD) and Brad Owens, representing the Alabama State Troopers Office, will raise awareness of drinking and driving during the holidays and how it could impact your family.

CSP tutorial available on the Web

During recent Marshall ISO 9000 internal audits, it was determined that several Center organizations do not fully understand the responsibility involved in maintaining control of Customer Supplied Product as stated in MPG 4000.1, Control of Customer Supplied Product. In an effort to maintain the Center's ISO registration and ensure the proper control of Customer Supplied Product at Marshall, a tutorial has been provided on Marshall's ISO 9000 Web site that is designed to help employees better understand the procedures and responsibilities associated with Customer Supplied Product. The tutorial can be found at: http://iso9000.msfc.nasa.gov:9001/presentations_&_training/csp_training/index.htm

New calling cards

Marshall calling card service is now being provided by MCIWorldcom. If you have not received your new calling card, or if you need a new calling card, call your organization's telecommunication coordinator or Marilyn Davis at 544-2847. For help in reprogramming cell phones, call Buddy Roberts at 544-4592. Tips for calling card holders are available online at: <http://co.msfc.nasa.gov/ad30/calling-cards.html>

Safety shoe van visit

The safety shoe van will be on site from 8 a.m.-2 p.m. Dec. 13 at the southwest end of Bldg. 4471 to assist civil service and contractor personnel with safety shoe needs.

'Inside the Space Station'

Discovery's "Inside the Space Station" will air Sunday at 8 p.m. CST. The show is the third installment of Discovery's "Watch With the World" series.

2000 FEHB Health Season

The 2000 Federal Employees Health Benefits (FEHB) Open Season ends Monday.

Thrift Savings Plan

Open season enrollment in the Thrift Savings Plan is ongoing through Jan. 31. During the open season, you may elect to begin participation in the plan or change a previous election. For more information, call 544-8115 or 544-7536.

Retirement applications

Retirement applications for Dec. 31 through Jan. 3 separation dates should be submitted to Edwina Bressette in the Human Resources Department no later than Friday to assure timely processing and receipt of payments.

Facilities Office breakfast

Facility Office retirees will meet for breakfast at 8 a.m. Dec. 12 at the Shoney's on University Drive and Memorial Parkway. For more information, call Carl Gates at 232-2950.

Wallace State alumni

Wallace State College in Hanceville, Ala., is enrolling members in its newly founded Alumni Association. Membership is open to graduates of Wallace State College, current and former full- or part-time students, faculty and staff, and their spouses. Yearly membership dues are \$15 for an individual or \$25 per couple. For their dues, Alumni Association members receive free admission to all Wallace State home sporting events and are invited to participate in association

activities. To request a membership application or for more information, call Arnice Weeks at (256) 352-8163.

Turkey shoot

Redstone Arsenal's Outdoor Recreation is holding a lunchtime Turkey Shoot from 11 a.m.-1 p.m. Dec. 14. Cost is \$4. A free shuttle is provided from the Sparkman Center to Outdoor Recreation. The first competitor, per round, to hit the bull's-eye wins the grand prize of a turkey or ham.

New Year's Eve Gala

The Redstone Officers' and Civilians' Club is hosting a New Year's Dinner buffet and dance on Dec. 31 for members and their guests. Tickets are only \$29.95 and include prime rib, blackened salmon, continental breakfast, party favors and a champagne toast. Live entertainment is by Aspen Gold. For tickets, call 830-CLUB.

Nut sale continues

The NASA Exchange is continuing its nut sale while supplies last. However, sales have been moved to the Space Shop. The hours of operation are from 10 a.m. through 5 p.m., Monday through Friday (closed weekends and holidays). A limited quantity still available is as follows: chocolate-covered pecans — 16 oz., \$7; pecans — 16 oz., \$5.50; raw peanuts — 16 oz., \$2; and salted (in shell) natural pistachios — 16 oz., \$3.75.

CFC photos online

Photos taken during the Combined Federal Campaign are available for viewing online! Visit the photo gallery at: <http://ntf-1.msfc.nasa.gov/cfc2000.nsf>

Photo Lab Retirees

Photo Lab retirees meet the first Tuesday each month at 9:30 a.m. at Shoney's on University Drive and Memorial Parkway. For more information, call Carl Dow at 461-8181.

Employee Ads

Miscellaneous

- ★ Go-karts, one Yamaha (racing), one Comet (racing), one yard kart. 830-5783
- ★ GE electric dryer, white, \$75; Panasonic microwave, 800W, large, \$50. 464-6928
- ★ Dining room table, round, 48" diameter, pedestal base, solid wood, walnut finish, \$70. 961-1603
- ★ Antique furniture; couch, chairs, Victrola; size 10 ice skates. 837-7209
- ★ Surahi Design Boxwood and Shishamwood chess set, 3" tall pieces, \$125. 651-7144
- ★ Junior golf clubs, lefty irons (3,5,7,9), 2 putters, bag, \$60. 837-2381
- ★ "Ember" fireplace insert stove w/electric blower, 31" wide x 24" high, double doors. 536-8267 evenings
- ★ Two Golden Eye 007 Nintendo 64 games, \$30 each. 830-0854
- ★ Holton trombone w/F-key attachment, \$750 obo; drum set, \$250; Nordic-Track treadmill, \$100. 837-0996
- ★ Epiphone Flying V bass guitar, \$450; Copy of John Lennon's Rickenbacker guitar, \$300. 306-0700
- ★ Front windshield, 1959 Ford Fairlane, \$60; triple unit, double-hung wooden window w/ storm window, frame, casing, \$65. 881-2027
- ★ Chinese Dynasty Heritage area rug, 6.3x8.3, multi-colored w/blue background, \$75; swivel barstool, \$40. 971-2773
- ★ Upholstered chair, cranberry fabric, \$15. 837-6776
- ★ Home entertainment center, oak, 61"Lx21"Wx30"H, \$100 obo. 881-6040
- ★ Welsh crib w/mattress and crib sheets, \$100. 880-6794
- ★ GE refrigerator, 19 cu. ft., top freezer w/ice maker, almond, 5 yrs. old, \$225. 882-1833
- ★ Kitchen dinette; table, four chairs, \$125. 533-2287 anytime
- ★ Apple 6100/DOS computer w/2 monitors, printer, etc, \$250; propane heater, auto, 30K btu, stand, \$150 obo. 828-6213
- ★ Elton John tickets, Dec. 10 at Montgomery, lower level, regular price. 880-7378
- ★ Jointers, 6"; 1970's Sears, \$150; Harbor Freight, new, \$200. 721-9904/Neil
- ★ Two fruitwood curio cabinets, 5-shelves w/ mirrors & light switch, \$350 for both; Schwinn Worldsport w/helmet & tire pump, \$100. 830-1060
- ★ Ladies golf clubs, 10 MacGregor irons, \$25; 4 Hagen woods, \$25; leather bag, \$50. 533-4824
- ★ Whirlpool washer and dryer, \$125. 461-8369
- ★ Two new AMD 700mhz computers, \$765. 851-0704 or 694-0708
- ★ Jon Boat, 15', w/trolling motor, \$300 obo; Conn alto saxophone, used 3 yrs., w/hard case, \$500 obo. 864-0221
- ★ 1999 Kawasaki KX250 motocross bike, \$3,699. 772-7973

Vehicles

- ★ 1996 Ford Windstar LX, white/gold, tan leather, captain chairs, dual air, 103K miles, \$7,200. 534-7981
- ★ 1985 Nissan Sentra, 4-door, auto, new motor (<35K miles), needs carb work, \$450. 851-1854
- ★ 1988 Dodge van 250 LE, 43K miles, 360ci V-8, table/bed/bench, new paint, \$5,500. 256-498-3023
- ★ 1996 Dodge Neon, 4-door, auto, a/c, am/fm cassette, ABS, \$4,500 obo. 533-5362
- ★ 1992 Ford Chateau Club wagon, top of the line, all options, \$6,500 obo. 830-5783
- ★ 1996 Chrysler LX van, white, 3.8L, cloth, 67K miles, \$12,500. 325-6000
- ★ 1997 Chevy S10 Super Sport, red, hard tanue cover, low miles, 3-doors, \$12,500 obo. 776-4624
- ★ 1999 Black/Silver 2000 Toyota Sienna XLE, 36K miles, leather, moon-roof, all-power, \$27,300. 828-2832
- ★ 1989 Taurus, original owner, w/power equipment, \$2,250. 883-5646
- ★ 1997 Mercury Tracer LS wagon, 4-door, 26K miles, automatic, \$8,700 obo. 883-9875
- ★ 1991 Honda Civic LX, 4-door, brown, 5-speed, power windows & locks, 116K miles, \$3,000. 830-5285
- ★ 1997 Cadillac Deville, white, 74K miles, 1K miles remaining on warranty, \$14,995. 232-1549

Wanted

- ★ Plumbers snake, electric motor operated, minimum 25 feet w/1/4" cable. 883-2757

Found

- ★ Ring in Bldg. 4487, mid-October. Call 544-4758 to identify/claim

Government property must be transferred before leaving Marshall

Before clearing or retiring from the Marshall Center, all employees must transfer all assigned government property to another user.

To expedite clearance activities, the transfer of government equipment should be accomplished one week prior to clearing. The Property Clearance Station in Bldg. 4471, room A106 is open to assist Marshall employees.

Employees can view assigned equipment on the Web prior to arriving at the Property Clearance Station at:

<http://equiplookup.msfc.nasa.gov/nemshelp/>

Then follow these instructions:

- Select – "Log On to Reporting"
- Read the example concerning your

DDS

- Scroll to lower page and select – "Continue with Log On"

- When prompted, enter your: (in lowercase) DDS User ID, DDS Password, Domain is msfc

- Select OK

- Type your DDS User ID in the area named "wildcard" search

- Scroll to lower page and Select "Generate Default Report." Hint: Be sure to print the listing using 'landscape!'

For more information, call Karen Boczek at 544-9483 or Frank Hyatt at 544-2536.

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