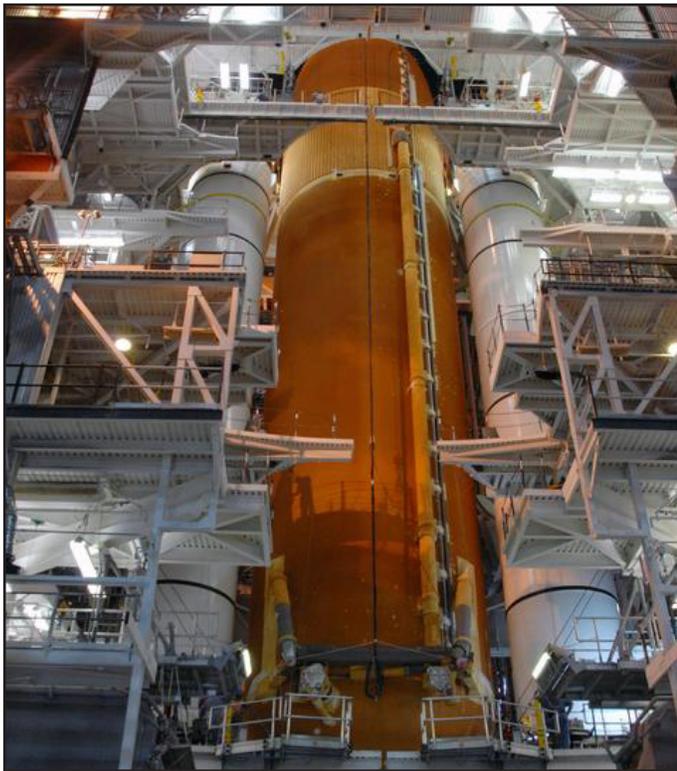




MARSHALL STAR

Serving the Marshall Space Flight Center Community

Sept. 13, 2007



NASA

External tank, solid rocket booster readied for next shuttle mission

External tank, ET-120, the fuel tank that will fly on the next space shuttle mission, is shown being lowered between the solid rocket boosters at Kennedy Space Center, Fla. Technicians completed the attachment of the tank and boosters on Sept. 5, preparing the stack for the next step, assembly with orbiter Discovery. The STS-120 mission is targeted to launch Oct. 23 for a mission to the International Space Station.

Marshall women honored with Women's Equality Day awards



Jody Singer

By Megan Norris

Educator Marva Collins once said, "Success doesn't come to you ... you go to it."

Three Marshall Center employees whose hard work and dedication exemplify that philosophy were honored Aug. 23 at the annual Women's Equality Day luncheon and awards ceremony for their achievements in supervisory, professional and administrative capacities.

Jody Singer, manager of the Reusable Solid Rocket Booster Project in the Shuttle Propulsion Office, was honored for her outstanding achievement in a supervisory role. Mary Hovater, Crew Exploration Vehicle/Launch Abort System Test and Verification Level II Interfaces lead in the Science and Mission Systems Office, was honored in the professional category. Paulette Davy, incentive awards officer in the Training and Incentives Office of the Office of Human Capital, was presented an award in the administrative category.

The Women's Equality Day awards event was hosted by the Team Redstone Federal Women's Program, which includes the U.S.

See Women honored on page 4

Marshall's Logistics Services Office in the Office of Center Operations

Providing the safest and highest quality transportation, supply and equipment management services to the customers

By Jessica Wallace

Next time you call a taxi, move to a new office, fly in a NASA aircraft, eat at a Marshall cafeteria, drive a government vehicle or submit research and development equipment for maintenance and repair, think of the Logistics Services Office in the Marshall Center's Office of Center Operations.

The office, teamed with the EG&G Logistics Services contract, offers a variety of services to its Marshall Center customers, from managing the shipping and receiving of office supplies and flight hardware to purchasing furniture for offices around the center.

The Logistics Services Office includes two main organizations, the Property Management Office and the Transportation & Logistics Engineering Office. The property management group handles services such as assisting personnel moves; setting up and removing property for special events; inventorying and accounting for all personal property and equipment; managing center cafeterias; purchasing furniture for offices; taking care of the center's warehousing needs; and disposing of excess property.

"The Logistics Services team touches a lot of the everyday things that happen to all employees," said Gene Fundum, team lead in the Property Management Office. "If employees are physically moving, the team performs the actual move. When employees need equipment, material or even files moved around, we are the ones who move those items. With special events such as the Marshall Fall Cookout, Safety Day or the Combined Federal Campaign, we make sure the tables and chairs are all in place."

The Property Management Office also manages approximately 144,000 square feet of storage space. Equipment and material such as rocket engines, titanium, aluminum, stainless steel, pumps and valves are stored in the warehouses for Marshall's engineering community. In addition, the office oversees operation of the Marshall Retail Supply Store, where center organizations can buy everything from commercial chemicals to office supplies and furniture.

The Transportation & Logistics Engineering Office, the second half of the Logistics Office, provides multimodal transportation services to move people and freight. They fly the Marshall aircraft, drive trucks to transport equipment, and ship and receive critical hardware. In addition, this group provides Program Critical Hardware support services, Marine Operations, maintenance and repair of lab equipment, oversight of the onsite agency travel services contract,



From left, David Clark and Eddie Brashier of EG&G move equipment around the center.

mail room services and Flight Hardware Support Services.

"Right now, the Transportation and Logistics Engineering Office is planning the transportation work for the Ares program," said Ron Burns, manager of the office. "We are coordinating the transportation and handling planning for various hardware components for that program. We use different modes of transportation, such as air, water, rail and road. Marshall is unique in that it has multiple transport capabilities: the Redstone Airfield, docks on the Tennessee River and Redstone Arsenal's railhead spur by Gate 9. Sometimes shipping major hardware can be challenging."

Through the years, the office has contributed to NASA's mission by transporting elements such as the Gravity Probe B, International Space Station oversized elements and racks, and external tank shipments.

"In 1997, we had a task to transport the Gravity Probe B from Sunnyvale, Calif., to Vandenberg Air Force Base, Calif. This was one of our most challenging moves," said Robert Rutherford, acting group lead for transportation services. "We developed and coordinated transportation procedures for the move to the launch site."

The transportation services team also transfers employees around the center — by way of the Taxi and Group Transport Service. With this free service, employees can rely on Marshall's six taxi drivers to pick them up and drop them off at their desired buildings for events and meetings without parking hassles. And during special events,

See Logistics on page 4

Marshall's David Brock wins Small Business Advocate award

By Rick Smith

David Brock, small business specialist at the Marshall Center, has been named Small Business Advocate of Excellence of the Year by the non-profit Huntsville Association of Small Businesses in Advanced Technology.

Brock, who leads the Small Business Office at Marshall, received the award — the first of its kind — Aug. 23, during the annual



David Brock

Small Business Awards banquet held by the Huntsville/Madison County Chamber of Commerce.

"I accepted the award on behalf of the center, because there are a lot of people who play critical roles in our program, from Marshall Center Director David King on down," said Brock, who has worked in procurement and industry assistance at Marshall since he joined NASA in 1984, and has led the Small Business Office since 2005.

"The Small Business Office at Marshall couldn't function without the support of so many hard-working people," he added.

Brock's office works closely with numerous high-tech companies and organizations across Huntsville and the Tennessee Valley.

"The Marshall Center awards \$450 million each fiscal year to small businesses through direct and prime contractor subcontract awards," Brock said. "It's the goal of the Small Business Office to promote the use of small businesses in helping to fulfill NASA's mission."

"David is an outstanding individual who provides a valuable resource for Marshall and to industry," said Steve Beale, director of Marshall's Office of Procurement, which includes the Small Business Office. "His advice and counsel to industry have

resulted in a very strong team of large and small businesses at the center."

"The Huntsville Association of Small Businesses in Advanced Technology recognizes that Mr. Brock has a real passion for bringing the capabilities of small business to bear on NASA's programs," said Jan Eiras, president of the association, which was founded in 1993 to increase commercial and government business opportunities for high-technology small businesses in the Huntsville area.

"He consistently goes above and beyond the requirements of his job to help small businesses at NASA," Eiras said. "We thought he deserved recognition for that."

The Small Business Office also reports directly to the Office of Small Business Programs at NASA Headquarters in Washington, which is responsible for the development and management of all agency programs that assist small businesses.

Earlier this year, Brock's office founded the Marshall Small Business Alliance, an advocacy and training organization designed to work closely with small businesses to match their talents and capabilities with the center's requirements. Brock also has created a "small business action team" within the procurement office, to train four Marshall procurement specialists more about the center's Small Business Programs.

"To be successful, you have to reach out and bring other companies and organizations in, strategically positioning them to succeed right along with you," Brock said. "The Marshall Center has a great business program because we work extremely hard. And that's what it takes."

For more information about NASA's Office of Small Business Programs, visit <http://osbp.nasa.gov>.

The writer, an ASRI employee, supports the Office of Strategic Analysis and Communications.

Physical inventory of NASA bar-coded property to begin Oct. 1

A 100 percent physical inventory of NASA bar-coded property will begin Oct. 1.

The primary objective is to complete the inventory in a timely manner with as little disruption to the user community as possible.

All equipment in file cabinets, desks, etc., must be made available to be scanned by the inventory teams. All controlled equipment documented on the "Mobile Equipment Property Pass" must also be made available for inventory. Managers are asked to inform Tele-work employees of the inventory schedule date for their department.

If leave is scheduled during a noted inventory visit, the user must make arrangements with management.

For the 2007 physical inventory schedule, go to "Inside Marshall" or http://inside.msfc.nasa.gov/announcements/property_inventory_sched.pdf. For questions, contact Amanda Gentle at 544-3193 prior to scheduled visit.

Logistics

Continued from page 2

the transportation service offers bus rides to minimize traffic.

"During the summer months, we have about 254 passengers per day and about 1,400 group transport passengers per month. The summer is typically the busiest because of programs such as Marshall's Summer Internship Program," said Larry Dumont, transportation services manager. "Over the course of the fiscal year, on average, we have about 199 taxi passengers and 54 tour passengers per day."

Marshall's taxis and buses are serviced by the Logistics Services Office at the center's Motor Pool in Building 4483. There, the team also is responsible for general maintenance and repair of government vehicles and other equipment, such as bulldozers and dump trucks.

"Customer satisfaction is very important to us because we're a service organization," Burns said. "By supporting Marshall's projects, programs and other directorates, we are in part contributing to the mission.

"We have our challenges," he added. "Proper planning



Doug Staffer/MSFC

Byron Spurlin of EG&G disposes equipment used at Marshall.

alleviates most real-time issues, but our dedicated team reacts quickly to ensure things go as planned should any problem emerge."

For a complete list of the services offered by the Logistics Services Office, visit <http://co.msfc.nasa.gov/ad40/index.html>.

The writer, an ASRI employee and Marshall Star editor, supports the Office of Strategic Analysis and Communications.

Women honored

Continued from page 1

Army Garrison at Redstone Arsenal and the Marshall Center. Team Redstone is an organization comprising many federal agencies located offsite and on Redstone Arsenal.

The annual awards luncheon celebrates Women's Equality Day and coincides with the anniversary of the 1920 ratification of the 19th Amendment, which granted women the right to vote.



Mary Hovater

Singer began her NASA career in 1985 as an engineer in the professional intern program. She is the first female project manager in the Shuttle Propulsion Office and oversees the work of 74 civil servants and more than 2,000 contractors.

Hovater joined NASA in 1993 as a student trainee in the Marshall Center's

Materials and Processes Laboratory, where she has continued to work for more than 14 years. She now coordinates the expertise of engineers across multiple Marshall organizations in test, analysis and verification for the Orion crew exploration vehicle's Launch Abort System.

Davy came to Marshall in 1980 as a secretary cooperative education student. Her primary responsibilities include leading the incentive awards team, and coordinating the Marshall Center's Incentive Awards Program and Suggestion Program, both of which recognize the outstanding accomplishments of Marshall employees and contractors.

The writer, an ASRI employee, supports the Office of Strategic Analysis and Communications.



Paulette Davy

MARS Soccer Club fall season to begin Sept. 18



The MARS Soccer Club will have its first fall season this year beginning Sept. 18. Participation in the soccer club is available to all NASA employees and

contractors. There will be a few informal pickup games prior to that date.

For more information, call Andy Heaton at 544-3839.

Classified Ads

To submit a classified ad to the Marshall Star, go to Inside Marshall, to "Employee Resources," and click on "Employee Ads — Submit Ad." Ads are limited to 15 words, including contact numbers. No sales pitches. Deadline for the next issue is 4:30 p.m. Thursday.

Miscellaneous

5-year-old Jack Russell terrier, spayed, house/crate trained, good with children, dogs, cats. 550-1789
Full Serta mattress, box springs, frame, \$250 obo; cherry entertainment center, \$100. 684-9200
Children's white-and-green train play table, two storage drawers, \$35. 851-7406
Coffee table, \$20; black entertainment center, \$50; size 9 1/2 safety shoes, \$50. 684-4883
Pitbull puppies, one female, three males, \$300. 652-7113
Picture framing equipment, supplies, \$900. 536-8692
Five-drawer dressers, \$35, \$50; table, glass top, four chairs, \$75; king water bed, \$150. 652-2929
GE cooktop, downdraft ventilation, three interchangeable modules, grill, ceramic, coils. \$450. 520-6951
Lexington couch, floral print, \$300. 489-8147
AKC Scottish Terrier puppies, brindle, male, female, shots, wormed, \$500 each. 200-0516
Coffee table, wood, glass top, \$80; king mattress, <http://lmachamer.home.mchsi.com/forsale/>, \$100. 426-6026
Antique display cabinet, four side drawers, mirror, \$100. 503-6773
Two plush wine recliners, \$500 both; white kitchen table, four chairs, \$275. 922-9387
Madison Academy uniforms, boys' sizes 7-16, shirts, shorts, pants, girls' sizes 10-12, skorts, sweaters. 837-8967
Oak dining room set, table, hutch, chairs, \$750 obo; washer, dryer, \$150 both. 655-9215
Pink wingback chair, \$50. 682-5418
1890 oak dresser, beveled rotating mirror, four drawers, \$400. 684-3824
Living room suite, end tables, coffee table, \$400. 536-8203

Hull & McCoy pottery, cookie jars, bean bowls, more. 593-7207
Appliances, less than 1-year-old, refrigerator, stove, dishwasher, microwave, everything, \$2,200. 852-1726
Whirlpool bathtub, 72 by 42 inches, almond, six jets, working pump, \$150. 655-6701
32-inch LCD TV, two controllers, warranty, \$450. 882-2447 or 961-7674
Sink, countertop, \$75; table, four chairs, \$175; waterfall slide, \$125; riding mower, \$275. 200-0687
Two men's road bikes, one youth mountain bike. 656-6568
5th-grade Harcourt math, social studies text books, teacher's edition, \$20 each. 508-3408
Trombone, hard-shell carrying case, \$200. 859-0729 or 603-3617
6-foot artificial ficus tree, \$30; Harvard foosball/pool table, \$35; computer table, \$15. 325-2919
1-year-old Trek bike, \$225. 655-5437
Paisley sofa, love seat, \$300; futon, \$75; queen and king comforter sets, \$45, \$65. 658-5678
SPEC stage 2 clutch assembly, Camaro/Firebird LT1, used 1,000 miles, \$300. 503-8040

Vehicles

2007 Chrysler 300, gray, warranty, 20k miles, \$19,500; 2003 Escalade, loaded, 76k miles, \$23,500. 520-2802
2006 Chevrolet Malibu, dark blue, black interior, 3.5L, auto, 12k miles, \$13,950. 739-4734
2006 Ebbtide 180 SE Mercruiser, 3.0 L, 135 HP, Alpha Drive Bowrider Bimini Top, \$16,300. 527-1857
2003 Nissan Murano, pearl, leather, Bose, moonroof, AWD, 73k miles, \$19,800. 714-0451
2003 Harley-Davidson Ultra Classic Electraglide motorcycle, 100th anniversary edition, fuel injection, loaded, \$13,500. 683-1846
2002 Chevy Camaro, loaded, T-tops, 95k miles, \$8,900 obo. 654-0078
2000 GMC custom-designed work truck, 4x4, V6, automatic, skid plates, 90k miles, \$6,000. (931) 967-7307
1999 Chevy Silverado Z71, leather, power, bed cover, flowmaster, \$8,700 obo. 468-2493
1997 Toyota Camry LE, new tires, 178k miles. 534-6831 or 797-7204
1997 Ford Explorer limited, leather, sunroof, 5.0-V8, five-disc CD changer, 155k miles, \$3,700. 509-2725

1996 Dodge Stratus, four door, engine computer needs work, 110k miles. 881-1180
1996 Dodge Ram 1500, CD, Tonneau cover, \$4,750 obo. 379-3780
1995 Ford Explorer, 4x4, white, loaded. 974-6644
1974 Mercedes 450SL Roadster, V8, automatic, hard, soft tops, yellow, \$13,500 obo. 961-0678 or 883-4177
1970 VW Squareback, all original. (334) 599-0952
1953 MG TD, \$2,000. 348-2240
19-foot Bayliner Capri Bowrider, 125 hp, trailer, covers, \$4,000. 653-3647
16-foot Lone-Wolf low-boy trailer, new tires, \$1,575. 880-6335
Roketa Bermuda MC-11 motor scooter, 100 mpg, less than 750 miles. 337-1806

Wanted

Auburn-Vanderbilt football tickets, six together. 561-2287
Four tickets, Alabama-Ole Miss football game. 417-5754
2000 or newer Toyota Avalon. 479-2910
Someone to fix a 1975 "Spirit of 76" pinball machine, Westinghouse Coca-Cola machine. 772-1199
Small aquarium with pump, filter. 883-2757
Suspended ceiling parts, 24-inch cross-tees, older style for 25- to 40-year-old grid system. 233-0705
Safe, well-maintained, reliable first car/SUV for teenage daughter, automatic transmission, value priced. 828-1234

Free

Two baby turtles, aquarium, all accessories. 217-0811

Found

Eye glasses, women's restroom, Bldg. 4200 lobby; D-Link wireless network adapter, case, north-bound Rideout Road, Aug. 31. 544-4680
Earring, outside Bldg. 4203, claim at Space Shop.

Shuttle Buddies to meet Sept. 24

The Shuttle Buddies will meet at 9 a.m. Monday, Sept. 24, at Mullins Restaurant on Andrew Jackson Way. For more information, call Deemer Self at 881-7757.

Microgravity Science Glovebox team relocates

From front to back, Ed Bermea, John Kramer, Andy Brainerd and Edwin Smith monitor operations of the International Space Station's Microgravity Science Glovebox from their "new home" in Building 4663. The glovebox team, from Marshall's Mission Operations Laboratory, recently relocated from Building 4493 to be closer to the Payload Operations Integration Center, where space station science is planned and coordinated. The glovebox is a major station facility that provides a safe environment for research in fields such as fluid physics, combustion and materials science. Station crew members perform hands-on experiments by using gloves attached to the front of the facility. The team also supports the crews in real-time during missions. They are now monitoring Expedition 15 crew member Clay Anderson's glovebox work with the Smoke Aerosol Measurement Experiment — testing smoke detection technology that could be used in future spacecraft.



David Higginbotham/MSFC

Seeking Explorer 1 reunion participants for 50th anniversary

A series of exciting activities Jan. 31, 2008, will mark the 50th anniversary of the launch of America's first satellite, Explorer 1, on a Jupiter C Rocket from Cape Canaveral, Fla. Held in the Cape Canaveral area, the reunion event will include a banquet sponsored by the NASA Alumni League, the Redstone Missile Pioneers, the U.S. Air Force Space and Missile Museum in Cape Canaveral, and NASA's Kennedy Space Center.

Event coordinator Norman Perry is seeking reunion participants who were involved in the Explorer Program with the U.S. Army Ballistic Missile Agency; NASA's Jet Propulsion Lab in Pasadena, Calif.; the U.S. Air Force; or supporting contractors from Jan. 31, 1958.

For more information, about the event, contact Perry at (321) 480-0688.

MARSHALL STAR

Vol. 47/No. 51

Marshall Space Flight Center, Alabama 35812
(256) 544-0030
<http://www.nasa.gov/centers/marshall>

The Marshall Star is published every Thursday by the Public and Employee Communications Office at the George C. Marshall Space Flight Center, National Aeronautics and Space Administration. Classified ads must be submitted by 4:30 p.m. Thursday, and other submissions no later than 5 p.m. Friday to the Marshall Public and Employee Communications Office (CS20), Bldg. 4200, Room 102. Submissions should be written legibly and include the originator's name. Send e-mail submissions to: intercom@msfc.nasa.gov. The Star does not publish commercial advertising of any kind.

Manager of Public and Employee
Communications — Dom Amatore
Editor — Jessica Wallace

GPO U.S. Government Printing Office 2007-623-033-20116

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