



MARSHALL STAR

Serving the Marshall Space Flight Center Community

June 17, 2004

David King finalist for Service to America Medal

by Grant Thompson



King

Marshall Center Director David King is one of 28 federal employees from across the country chosen as a finalist to compete in a national awards program that honors the finest achievements of federal employees.

King's selection as a finalist for the 2004 Service to America Career Achievement Medal was announced Wednesday during a congressional luncheon in Washington. Nominated for the medal by NASA Administrator Sean O'Keefe, King will attend the awards banquet Sept. 28 in Washington.

The Service to America Medals program was created in 2002 by the Partnership for Public Service and the Atlantic Media Company to inspire people to federal government service and promote excellence in government performance. The Partnership is a nonpartisan, nonprofit organization dedicated to revitalizing public service through education and legislative outreach. Atlantic Media publishes magazines, including *The Atlantic Monthly*, *National Journal* and *Government Executive*.

King was named a finalist for the Career Achieve-

See King on page 2

Successful test means safer rocket motor

by Lynnette Madison

NASA's Space Shuttle program successfully fired a full-scale Reusable Solid Rocket Motor at a Promontory, Utah, test facility June 10, testing modifications that will enhance the safety and integrity of the Space Shuttle.

One of the modifications is a slightly different propellant grain that changes the shape of the propellant in the forward segment of the Space Shuttle's motor to increase the propellant's strength. The new design improves flight safety by decreasing the risk of cracks in the propellant during storage and transportation, according to Jody Singer, manager of the Reusable Solid Rocket Motor Project, part of the Space Shuttle Propulsion Office, located at the Marshall Center.

Final results from the test are not immediately available. The results will be used to qualify the modification for



Successful firing of Reusable Solid Rocket Motor on June 10 in Utah

See Test on page 2

Redstone bans cell phones by motorists

by the Redstone Rocket staff

Kee your eyes on the road and your hands on the wheel. That is what Redstone hopes to accomplish by banning the use of most wireless communications while driving on the installation.

Col. Bob Devlin, Garrison commander, has signed a new garrison policy that restricts the use of wireless communications. It goes into effect June 21.

Specifically, most drivers on Redstone Arsenal will not be able to use cell phones, and handheld electronic devices such as a personal data assistants and global positioning systems, while operating a moving vehicle. Use of hands-free devices will continue to be allowed.

The policy is a measure to continue safe driving on the installation.

"To date, we know of no vehicle

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Photo by Jack Phelps, MP51

King

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ment Medal – one of several award categories in the Service to America Medals program, which recognizes employees for significant lifetime accomplishments in public service. In his nomination, King was cited for his planning and management of search and recovery efforts following the Space Shuttle Columbia accident in February 2003; his leadership at the Marshall Center – one of NASA's largest installations; and his management of the Space Shuttle Processing and Launch Operations at Kennedy Space Center from 1996-2002.

The finalists – representing 15 states and the District of Columbia – are each nominated in one of seven categories: Career Achievement; Call to Service; Homeland Security; Justice and Law

Enforcement; National Security and International Affairs; Science and Environment; and Social Services. An additional category – Federal Employee of the Year – is open to all finalists.

The Service to America Medals selection committee includes U.S. Sens. Tom Daschle of South Dakota and Thad Cochran of Mississippi; William Cohen, chairman and chief executive officer of The Cohen Group and former U.S. secretary of defense; and Carol Mendelsohn, executive producer of the television drama "CSI."

In November 2003, the Partnership for Public Service named NASA and the Marshall Center the best federal agency and sub-agency to work for based on survey results from more than 100,000 federal employees.

The writer, an employee of ASRI, supports the Media Relations Department.

Test

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production and flight.

"Even though the modification is only a slight change from what we have flown on the Shuttle, it still requires a rigorous certification and verification process that includes testing," said Mike Rudolphi, manager of the Space Shuttle Propulsion Office. The motor is one of the four Shuttle propulsion elements.

"NASA has long adhered to the maxim, 'Test what we fly; fly what we test,'" added Rudolphi. "This test is one in a series of tests performed to ensure this modification will perform as we expect."

The propellant grain modification was one of 76 test objectives; 24 of those objectives will allow the Project Office to reevaluate materials, components and manufacturing processes that are currently in use such as nozzle bondlines, liner-to-housing bondlines, internal insulation, pressure transducers, and solvents.

The test will also provide additional information on a proposed safety enhancement to the motor's nozzle. A new bolted assembly on the nozzle's joint 5 is being tested for its strength.

The full-scale static - or stationary -

test was performed at ATK Thiokol Propulsion Division, an Alliant Techsystems Inc., company in Promontory, Utah, north of Salt Lake City. ATK Thiokol manufactures the Space Shuttle's Reusable Solid Rocket Motor.

Static firings of flight support motors

Testing modifications will enhance the safety and integrity of the Space Shuttle.

are part of the ongoing verification of components, materials and manufacturing processes required by the Space Shuttle program. Flight support motors are tested annually to evaluate, validate and qualify any proposed improvements or changes to the motor. The two-minute test duration is the same length of time that the motors perform during Space Shuttle flights.

Data from the test will be analyzed and the results for each objective provided in a final report. The flight support motor's metal case segments and nozzle components will be refurbished for reuse.

The writer, an employee of ASRI, supports the Media Relations Department.

Space Commission reports findings

The nine-member Commission on Implementation of U.S. Space Exploration Policy held a press conference, after the *Marshall Star's* deadline Wednesday, to reveal its findings.

NASA Administrator Sean O'Keefe was to discuss those findings during a live broadcast to NASA centers following the commission's press conference. O'Keefe was to be joined by Edward C. "Pete" Aldridge Jr., chair of the commission, during the broadcast and answer questions from NASA team members. The *Marshall Star* will have a full report on the findings and O'Keefe's remarks in next week's issue.

Phones

Continued from page 1

accidents on post directly related to the use of cell phones or other wireless devices, and we intend to keep it that way," Devlin said.

If a driver is found operating a wireless communication device while driving, he or she could be issued a traffic citation and after a certain number of citations potentially lose driving privileges on post.

Gate guards will check for wireless use as individuals enter the installation and installation police will check for wireless use as well as seatbelts, proper insurance, sobriety and appropriate vehicle decals during routine checkpoints throughout the installation.

"The fact is that an individual cannot properly concentrate on the road if they are distracted by dialing a number, or scheduling an appointment," Maj. Gen. Jim Pillsbury, commander of Aviation and Missile Command and Redstone Arsenal, said. "No phone call is so important that you should risk your life or the life of someone else."

Emergency responders, such as law enforcement and fire protection personnel will be able to continue using wireless devices.

Gene Goldman named manager of Space Shuttle Main Engine Project; Michael Kynard is appointed deputy manager

by Lynnette Madison



Goldman



Kynard

Arthur Eugene (Gene) Goldman has been named manager of the Space Shuttle Main Engine Project in NASA's Space Shuttle Propulsion Office at the Marshall Center. Michael Kynard was named deputy manager.

Goldman had been the deputy manager for the Main Engine Project; he succeeds George Hopson, who has taken a lead position with the NASA Engineering and Safety Center. In assuming this new position, Goldman also has been designated to the federal government's Senior Executive Service — the personnel system that covers most of the top managerial, supervisory and policy positions in the executive branch.

A native of Russell, Miss., near Meridian, Goldman is responsible for the management of design, production and operation of the Space Shuttle Main Engines — a \$285 million project with more than 1,000 employees in Alabama, Florida, Mississippi and California.

He joined Marshall in 1990 in the Space Shuttle Systems Management and Integration Office, where he became supervisor in 1992. In 1994, Goldman moved to the Shuttle Main Engine Project Office to

oversee the manufacturing of main engine components. Over the years he has held progressively challenging positions in the Main Engine Project Office, including technical assistant to the project manager and business manager. He was named deputy manager of the Main Engine Project in 1998.

He has received a number of NASA service awards, including a NASA Certificate of Appreciation and the Marshall Center Director's Commendation.

Goldman is a graduate of Meridian Community College in Meridian, Miss., and received his bachelor's degree in civil engineering from Mississippi State University in Starkville, Miss.

Kynard began his career with NASA in 1985 as a cooperative education student. In 1989, he became the science and engineering lead for the Main Engine testing program at John C. Stennis Space Center in Mississippi.

Kynard has been awarded the NASA Exceptional Achievement Medal; NASA's Silver Snoopy Award, given by the Astronaut Corps for outstanding support of the Human Space Flight Program and the Marshall Space Flight Center Director's Commendation.

A native of Moundville, Kynard graduated from Hale County High School in Moundville. He received his bachelor's degree in electrical engineering from the University of Alabama in Tuscaloosa in 1987.

The writer, an employee of ASRI, supports the Media Relations Department.

Four at Marshall Center win honors from AIAA

by Patricia Dedrick Lloyd

Four Marshall team members garnered awards last month during the American Institute of Aeronautics and Astronautics Alabama-Mississippi Section Awards Dinner. The annual event is held to honor professionals for their work in aeronautics and astronautics.

Winners were named in six categories and each received engraved plaques during the May 20 event at the Holiday Inn, Research Park.

Rex Geveden, Marshall Center deputy director, received the Holger Toftoy Award for outstanding aeronautics and astronautics management. Geveden, appointed deputy director in July 2003, assists in managing an

installation with more than 6,500 civil service and contract employees and an annual budget of \$2.3 billion.

Dr. Ann Whitaker, director of the Science Directorate, received the Hermann Oberth Award for individual scientific achievement in the astronautics and space sciences fields and for promoting and advancing those areas. Whitaker is a pioneer in developing methods for predicting the performance of materials in the space environment. As director of the Science Directorate, she is responsible for materials and biotechnology microgravity science, Earth and Space Science, and Advanced Optics Manufacturing Technology.

Ronald F. Porter, lead project manager for Marshall's Project Prometheus in the High Powered Propulsion Project Office,

received the Aerospace Engineer of the Year Award for demonstrating extraordinary technical skill and leadership in the field. Porter has helped expand Marshall's role in meeting the technical and programmatic challenging of developing spacecraft systems capable of conducting complex scientific explorations.

Steven R. Noneman, a Flight Systems Engineer for the High Powered Propulsion Systems Office at Marshall, received the Martin Schilling Award for his service to the Alabama-Mississippi Section. Noneman, who served as chairman of the AIAA Alabama-Mississippi Section, manages several Jupiter Icy Moons Orbiter projects.

The writer, an employee of ASRI, is the editor of the Marshall Star.

Space Shuttle Propulsion Office hits a homerun with awards, food and softball



Leigh Martin get a base hit off this pitch during the Space Shuttle Propulsion Office's Awards Day.



Madge Griffin gets a hug and an award from Michael Rudolphi, deputy program manager for propulsion, for her 30 years of service to the Shuttle office.



Marshall Center's Space Shuttle Propulsion Office honored its own May 26 during its annual awards and fun day -- held this year at the Marshall picnic area. Softball, karaoke and fried fish were also on the menu for that day.

Team members prepare fish for frying. From left are Joni Haas, Karen Fowler and Lane Pearce. The fried fish meal came with all the fixings.

Photos by Emmett Given, NASA/Marshall Center

Announcements

Astronaut Buzz Aldrin to speak at the Saturn-Apollo Reunion

A reunion of individuals who worked on the Saturn-Apollo Program will be 6-9 p.m. Saturday at the U.S. Space & Rocket Center's Rocket Park. Apollo 11 astronaut Dr. Buzz Aldrin will speak. The event will feature live music, food, traveling exhibits, and raffles. Admission is \$25 for adults and \$10 for children 12 and under. All proceeds will benefit the Saturn V Restoration Project. Tickets are available at the NASA Exchange, Redstone Arsenal Recreation Center, Tourist Information Center and the Space & Rocket Center.

Management Operations Office Retirees to meet June 24

The Management Operations Office retirees will meet at 10 a.m. June 24, at the Cracker Barrel Restaurant in Madison. For more information, call 539-0042.

New form, address for NASA Safety Reporting System

NASA Headquarters has released a new form and mailing address for use with the NASA Safety Reporting System. The system is a way for Marshall and other Agency team members to report unsafe acts or concerns. The new mailing address is NSRS, P.O. Box 5826, Bethesda, MD 20824. An electronic form is available at <http://www.hq.nasa.gov/nsrs>.

NASA, Marshall property disposal sales on Internet

Live auctions for NASA and Marshall Center property disposal sales now are conducted by Internet only. Go to <http://gsaauctions.gov/gsaauctions/gsaauctions/> and search by "State of Alabama" to find items for sale at Marshall and other federal agencies in the state. An average of one auction a week is held. For more information or assistance, call 544-1774.

Farewell reception Monday for Charles Scales

A farewell reception for Charles Scales, director of the Equal Opportunity Office, will be held at 2:30 p.m. Monday in Bldg. 4200, Room P-110. Scales has been named director of the Center Operations Directorate at Glenn Research Center.

Lunchtime seminar: Unleashing Human Potential is Tuesday

This month's Lunchtime Seminar features Dr. Stephen Covey, best known as author of "The Seven Habits of Highly Effective People." The live satellite seminar will be June 22 from 10 a.m. - noon in Bldg. 4200, Room G13-E. Covey will teach managers how to get more creativity, resourcefulness and ingenuity from their staff. For details, call Denise McCaul or Gloria Turner at 544-8291.

MARS Golf League hosts event

The MARS Golf League is hosting a tournament June 26 at the Huntsville Municipal Golf Course. Two-person teams with the best score will win. A \$5 entry fee is required by June 18. MARS Golf League is open to NASA employees and retirees, on-site contractors, and dependents. For more information, call Lee Foster at 544-1589 or Robert Rutherford at 544-8117.

Free appraisals for aviation, space collectors at road show

Aurora Galleries International Appraisal Road Show, the public auction for aviation and space collectors, will offer free appraisals of aviation and space-age artifacts from 10 a.m. - 4 p.m., Thursday and Friday at the U. S. Space & Rocket Center Astro Trek Building.

New procedures for Facilities Work Request in effect

In accordance with MPG 8812.1B, the Facilities Engineering Department will only accept a Facilities Work Request (Form 199) when authorized in writing at a group lead level or above. For more information, call Nell Clemmons at 544-7845 or see "Inside Marshall."

Shuttle Buddies to meet June 28

The Shuttle Buddies will meet at 9 a.m. June 28 at Mullins Restaurant on Andrew Jackson Way in Huntsville. For more information, call Deemer Self at 881-7757.

Job Announcements

MS04S0132, Senior Executive Service, Deputy Director, Safety and Mission Assurance Directorate. ES-0861-00 (promotion potential to ES-00). Closes June 28. Contact: Diedra Williams at 544-5721.

MS04C0147, AST, Supervisory Aerospace Engineer, GS-0861-15, Space Transportation Directorate, Vehicle and Systems Development Department. Closes June 17. Contact: Jannette Black at 544-8660.

MS04C0148, AST, Supervisory Aerospace Engineer, GS-0861-15, Space Transportation Directorate, Advanced Concepts and Analysis Department. Closes June 17. Contact: Jannette Black at 544-8660.

MS04C0149, Safety and Occupational Health Specialist, GS-0018-12, Safety and Mission Assurance Directorate. Closes June 24. Contact: Rita Evans-McCoy at 544-7507.

MS04C0150, AST, Facility Systems Safety, GS-0801-14, Safety and Mission Assurance Directorate, Industrial Safety Department. Closes June 24. Contact: Rita Evans-McCoy at 544-7507.

Classified Ads

Miscellaneous

- ★ PT Cruiser Borla all-stainless exhaust system, lifetime warranty, 1 yr. old, \$500. 883-5543
- ★ One ticket to U.S. Grand Prix Indianapolis, June 20, Turn 1, \$105. 881-1249
- ★ Jon boat, 14', w/20hp Evinrude engine, car topper or pond boat, \$1,400. 256-729-8020
- ★ Yamaha Trombone, \$400. 931-433-7959
- ★ Deacon's bench, dark pine w/fabric cushioned attached seat cover, \$35. 881-3937
- ★ 1977 Avion travel trailer, 27', \$3,800. 931-427-2059
- ★ Pendaliner bed liner for full-size Ford F150 style-side, \$25. 509-2654
- ★ Miniature Dashund puppies, two females, one male, 11 weeks old, parents on-site. 971-9710
- ★ Soft-side king waterbed mattress, heaters, conditioner fluid, \$50; new memory foam pillows, \$25 each. 828-6213
- ★ Craftsman 10" cast iron table saw, \$25; hay spear for tractor, 3-point hitch, \$55. 881-2272
- ★ Radio-control plane, Hobby Zone Firebird Commander, everything needed to fly, parachute drop module, \$50. 922-9387
- ★ Solid teak, custom-made chairs from Indonesia, \$125 pair; 21" Toshiba color TV w/remote, \$50. 539-1316
- ★ Pennsylvania House sofa, \$300. 256-232-6626
- ★ RCA television, 27" console, Picture-on-Picture, \$50. 256-586-7424
- ★ Four B420 Bridgestone tires, P215/70R15, \$150. 256-881-6955
- ★ Window unit air conditioner, 5,000btu, white, one knob missing, use other knob for control, \$50. 883-9125
- ★ Glass front stereo cabinet, \$20; Two stereo speakers, 24"x12, \$20. 772-7845
- ★ New Michael Batio "Tradition" electric guitar, purple metal flake, new Fender "GIG" bag, \$172.49. 885-4253
- ★ Computer desk, \$45; Exercise bike, \$50; Nordic Track, \$50; Vacuum cleaner, \$25; Desk, \$25. 534-0939
- ★ King waterbed, semi-waveless mattress, headboard w/shelves, pedestal w/four drawers, \$100. 464-9014
- ★ Glock Model 19 w/3 Pre-Ban High

- Capacity magazines, \$525. 256-586-8124/Patti
- ★ Kenmore electric grill, 10x14 cooking surface, attached table, new bag of lava rock, \$25. 534-2368
- ★ Color inkjet printer, Canon i250, MicroFine droplet technology, unopened box, \$42. 683-7683
- ★ Bathroom vanity and sink, \$50. 430-6842
- ★ Ladies diamond engagement ring, oval cut, 1.10 carat, clarity II, color G, white gold, \$3,500. 256-784-5299
- ★ Craftsman scroll saw, 16", variable speed, \$80; Girl's twin comforter, dust ruffle, curtains, sheets, \$50. 828-5805

Vehicles

- ★ 1994 Toyota 4x4 pickup, blue, new Goodyear tires, aluminum wheels. 931-937-6518
- ★ 1997 Dodge Grand Caravan, 133k miles, green/tan leather, dual sliding doors, 4-captain's chairs, \$5,500. 797-6193
- ★ 2003 F150 XL, 7.5k miles, new tires, bedliner. 256-466-0419
- ★ 1991 Pontiac Transport van, 200k miles, automatic, \$695. 880-7378
- ★ 1998 Chevy Tracker, 4-cyl., automatic, 61 k miles, silver/gray interior, 4-door, ps/pb, cruise, \$5,500. 325-1126
- ★ 1994 Chevy Silverado ext.-cab, 5.7L/v8, pw/pl, auto, tow pkg., 147k miles, \$6,300. 256-830-8314
- ★ 1999 Chevy Astro van, 44k miles, new Michelin radials, \$7,500. 650-3998
- ★ 2001 Dodge RAM 1500 Sport, quad-cab, 4x4, all-power, step/bed rails, bedliner, towing pkg., \$14,000. 859-0729
- ★ 1989 Chevrolet truck C1500, reg. cab, long wheelbase, tan, loaded, 200k miles, \$2,500. 723-2779
- ★ 2000 Ford Contour, auto, pw/ps/pb, cruise, 83k miles, \$5,000. 256-746-8289
- ★ Gulfstream, 36', 24k miles, generator, hydraulic jacks, tv/vcr, camera, awning, heat/ac, full bath, \$45,000. 256-931-0177
- ★ 2002 883R HD Sportster, S&S SuperE carb, Racewires & Streetfighter 2-N-1 exhaust, 7.6k miles, \$6,800. 509-9550
- ★ 1967 Chevy pickup, black, \$3,500, 852-7887
- ★ 1985 BMW 325e, red, 5-speed, \$4,000. 852-8325
- ★ 1965 Chevrolet pickup, step-side, 350/v8, AT9350, ps, pdb, \$2,200. 256-565-9806/Decatur
- ★ 2000 Chevy Astro Conversion van, white,

- 67.5k miles, fully loaded w/video system, many extras, \$11,299. 337-9851
- ★ 2001 Cadillac Sedan DeVille, white diamond, 55k miles, loaded, new tires, one-owner, \$18,995. 536-8692
- ★ 1996 Ford Explorer XLT, tan, 134k miles, loaded, must sell, \$5,000. 489-3624
- ★ 2001 Ford Ranger Edge, regular cab, v6, 5-speed, many options, 125k miles, \$6,450 firm. 256-753-2278
- ★ 1995 Jeep Grand Cherokee Limited, leather, power locks, automatic, v8, towing package, 93k miles, \$7,900. 882-1779
- ★ 1998 Voyager van, 112k miles, good tires, a/c. 509-2751
- ★ 1997 Dodge Grand Caravan, 133k miles, green, tan leather, dual sliding doors, 4-captain's chairs, \$5,500. 797-6173
- ★ 1997 Ford F150 pickup, supercab w/third door, long bed w/liner, v6/4.2L, automatic, ps/pb, \$6,500. 883-0244
- ★ 2001 Polaris 500 Sportsman 4-wheeler, 4x4, dark green, automatic, low hours/miles, \$3,500. 256-389-8818

Wanted

- ★ Ride to work, near Huntsville Hospital, 7 a.m.-3:30 p.m., \$7 per day. 533-6980
- ★ Small Jon boat, cheap. 772-8489
- ★ Toddler outdoor playhouse in good condition. 325-7155
- ★ Freezing and/or canning jars. 656-2965
- ★ Roommate, 12 miles to Gate 9, includes utilities, TV, internet access, \$450 per month. 864-8474
- ★ Mowing service for 0.6 acre pie-shaped vacant lot in Madison. 651-8064

Lost

- ★ Silver necklace with tri-pendant, pink and silver, lost around Bldg. 4200 complex. 851-0012

Found

- ★ Necklace, Bldg. 4200. Call 544-3623 to claim/identify
- ★ CDs and CD case in TDY vehicle. 544-8294 to claim/identify
- ★ Multi CD luggage binder, fellows. Call 544-2767 to claim/identify

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