In this issue

Astronauts simulate International Space Station maintenance underwater.

JSC engineers spread the word about their chosen profession during February.

Atlantis gets a new cockpit while undergoing routine refurbishment in California.

March is Women's History Month

NASA will be observing National Women's History Month in March, as well as the 150th Anniversary of the Women's Rights Movement, which will be celebrated throughout 1998.

NASA Administrator Daniel S. Goldin sent a letter to all center directors supporting the observance of the month and encouraging all NASA employees to participate in recognizing the contributions of women to the world.

“The national theme for National Women’s History Month, ‘Living the Legacy of Women’s Rights,’ refers to the many ways in which women’s lives have changed because of the Women’s Rights Movement,” Goldin wrote. “The freedoms and opportunities women now have are the results of the risks and sacrifices of our foremothers. The Women’s Rights Movement has had a profound impact on all aspects of American life. It has opened new and well-deserved opportunities for women in all fields of endeavor, including commerce, athletics, business, education, religion, the arts, engineering, and scientific exploration.

“Today, women of all ages are living the legacy of women’s rights that seven generations of women before them have given their best to achieve,” he continued.

The flight crew's assignment to the flight was announced recently for the STS-95 crew, with Commander Brown, Pilot Lindsey, Mission Specialist Robinson, Payload Specialist Glenn, and Mission Specialist Maki. Due to representing the European Space Agency, while Maki is representing NASDA, the Japanese space agency.

STS-95 crew members meet the press in JSC’s Bldg. 2 Teague Auditorium on Feb. 20. Mis- sion Specialist Steve Robinson, Payload Specialist John Glenn, Pilot Steve Lindsey, Com- mander Curt Brown, Mission Specialists Scott Parazynski and Pedro Duque, and Payload Specialist Hidehito Maki. Due to representing the European Space Agency, while Maki is representing NASDA, the Japanese space agency.

School district to break ground on JSC corner

Clear Creek Independent School District will break ground March 2 for its new intermediate school on the grounds of JSC.

John Glenn made history 36 years ago as the first American to orbit the Earth.

Brown says research only STS-95 goal

By Kelly Humphries

Commander Curt Brown and the rest of the STS-95 crew last week were excited about opening a new chapter in space physiology research with their October mission, and that they are looking forward to flying with an American hero.

Brown and the crew met the news media earlier than normal for a pre-flight briefing last Friday because of interest in Sen. John Glenn’s participation as a payload special- istic. In a televised Cable News Network interview, Commander Brown reported that the space shuttle was “in good shape” and ready for the mission.

Brown said he is honored to be flying with Glenn, who made America’s first orbital space flight in a tiny Mercury capsule on Feb. 20, 1962, and noted that this mission will be significantly longer. Coincidentally, the news confer- ence occurred on the 25th anniversary of Glenn’s Mercury flight.

“Without Sen. Glenn’s courage back in 1962 to make that historic flight, we probably would not be here today talking about STS-95 and our exciting mission in October,” Brown said. “The one thing I did promise Sen. Glenn was that this flight will be quite a bit longer than his first.”

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Shuttle managers delay Neurolab launch two weeks

NASA managers have decided to postpone for two weeks the launch of the STS-90 Neurolab mission, setting a new target date of April 16. The delay will permit better utilization of available shuttle resources to support shuttle processing, said commander Rick Husband.

The STS-90 Neurolab payload consists of 26 human and non-human scientific experiments and associated hardware in a Spacelab module designed to house experiments for a 16-day flight. The Neurolab interface verification test has been completed, and the tunnel adapter was installed Monday in the Orbiter Processing Facility hangar. Columbia’s main engines were installed Tuesday.

The external tank and solid rocket boosters were scheduled to be durante March 6, but Columbia is now set to roll over to the Vehicle Assembly Bldg. on March 16.

The goal of the 16-day life sciences mission is to increase the understanding of the mechanisms responsible for cell and tissue damage and repair in space flight and to apply these results to space flight and to apply these results to medicine on Earth. The experiment disciplines are primarily involved with life science investigations of the human and the orbital microbes. The experiments are designed to perform a new target date of April 16.

The shuttle will be configured with an extended duration orbiter system to generate electricity and life support consumables.

Voyager 1 most distant man-made object in space

At almost 70 times farther from the Sun than Voyager 10, Voyager 1, launched from Cape Canaveral on Sept. 5, 1977, has now passed beyond the heliopause into interstellar space. The Voyager spacecraft returned data coming back from Voyagers for the first time.

The solar wind abruptly changes in this zone the solar wind becomes tamed and enters into interstellar space for the first time. The Voyager spacecraft entered interstellar space for the first time.

The Voyager 1 spacecraft has set another record and become the explorer that has traveled farther the Sun than any other human-created object in space, at 6.5 billion miles from Earth. The two are headed in almost opposite directions away from the Sun. At almost 70 times farther from the Sun, Voyager 1 is at the very edge of the solar system, as defined by the Kuiper Belt, beyond the Voyager 1 spacecraft.

The Voyager 1 spacecraft has reached this boundary at a speed of 17.5 miles per second, having traveled 12.2 billion miles since its launch. Voyager 1 is now almost 150 times farther from the Sun than Voyager 10, which passed beyond the Kuiper Belt in 1990.

The Voyager 1 spacecraft has been traveling at almost 17.5 miles per second since its launch 17 years ago. In this speed, the Voyager 1 spacecraft has traveled 12.2 billion miles, or about 1.6 billion miles per day. The Voyager 1 spacecraft has entered interstellar space, and the Voyager 1 spacecraft will likely travel for another 10 years before it encounters another star system.

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Government, contractor employees join forces, share joy of engineering

By Mae Mangieri

This month, JSC celebrated seven years of its National Engineers Week through various activities. This year, JSC volunteers interacted with students from several schools on a variety of topics, including space exploration, science, and math. One of the highlights was the National Outreach Program, which provided students with a unique opportunity to learn about the space industry and its role in society.

A recent event highlighted the importance of engaging with students early in their education to inspire them to pursue careers in engineering and related fields. The event featured guest speakers, science fair judges, and guest instructors to inspire students by participating in approved events. Volunteers inspire students by participating in approved events.

National Engineers Week is an annual event to increase public awareness and appreciation of engineers and their work. More than 2 million engineers, teachers, and students participated nationwide.

Excessive Use of Hydraulic Elevators

What Happened

Recently, there have been at least two incidents at JSC in which hydraulic elevators failed while raising or lowering equipment. The most recent of these involved Elevator No. 5 at the Sonny Carson Training Facility on Oct. 24 and 25. This event involved the moving of a large amount of equipment in the elevator during a motion picture filming activity at the SCTF. The heavy loads coupled with the extensive transporting activity resulted in the overheating of the hydraulic system. On both occasions, people were stuck in the elevator when it failed.

Safety Implications

Overloading an elevator or long continuous use of a hydraulic elevator may result in:

1. (1) damage to the elevator; (2) damage to equipment or materials being transported; and (3) entrapment of personnel.

What You Can Do

If you are planning an activity or have knowledge of an activity that may involve overloading or long continuous use of a hydraulic elevator (typically three stories or less) in any facility on campus, please contact Bob Gaffney at x34259. Your knowledge of this issue is necessary to keep people safe and to prevent the possibility of an accident.

Good Earth Day fest won’t be hard to find

By Sandy Barker

Planning is under way for JSC’s annual Earth Day celebration, scheduled for Friday, April 17, at the Gilruth Center. This year’s theme is: “A Good Planet is Hard to Find.” In addition to the numerous exhibits by local organizations and environmental agencies, many new activities are in the planning stages, including a children’s program presented by the child care center, a scavenger hunt and local science fair exhibits. United Space Alliance is partnering with JSC to promote JSC/USA “Reentries Day” on Wednesday, April 22. Employees are encouraged to use this day as an office “spring cleaning” and to recycle excess paper, cardboard and possibly overhead transparencies.

Once again, coloring pages will be available for a child care center activity, and the popular photography contest will be open to all JSC civil service and contractor employees. All entries will be displayed at the event. Prizes will be provided for each coloring page and awarded for the best photo.

JSC also will host the Federal Executive Board fun run planned for April 16. Watch for the details, rules and registration form on the Earth Day home page by early March. Free prizes, give-aways and astronaut autographs again will be available. Some of the exhibitors will include the Sierra Club, the Galveston Bay Estuary Program, Government Services Administration and the Environmental Protection Agency, to name a few.

This year, information booth experts will be available to answer questions about recycling, composting, gardening, and attracting birds and butterflies to your yard.

Employees who would like to volunteer for the Earth Day Planning Committee or would like information regarding the fun run, should contact Jo Kienes at x32318. Employees who would like to volunteer to help with the many Earth Day activities should contact Bob Gaffney at x34249.
Atlantis gets new cockpit, navigation systems during refit

By Alan Buis

T WENTY SUCCESSFUL MISSIONS was the number of missions that marked the end of Atlantis’ first major modification period. The vehicle is expected to be back in flight in 1999, and its new systems are designed to improve on the carrying capacity and operational efficiency of the space shuttle. In this article, we will focus on the navigation and cockpit systems that have been upgraded during this period.

The major modifications to Atlantis were made in order to increase the vehicle’s carrying capacity and efficiency. The modifications included the installation of a new cockpit, updated navigation systems, and improvements to the thermal protection system. The new cockpit is designed to be more comfortable and user-friendly for the crew, and the navigation systems are designed to provide more accurate and reliable data.

The new cockpit includes improved displays and controls, which are more intuitive and easier to use than the previous system. The navigation systems are also designed to provide more accurate and reliable data, which will help the crew to navigate the vehicle more effectively.

The thermal protection system was also improved during this period. The new system is designed to be more durable and to provide better protection against the high temperatures encountered in space. These improvements will help to increase the vehicle’s carrying capacity and efficiency.

In conclusion, the upgrades to Atlantis’ navigation and cockpit systems during this modification period are designed to provide the crew with a more comfortable and effective environment, and to increase the vehicle’s carrying capacity and efficiency. These improvements will help to ensure the success of future missions and will contribute to the continued success of the space shuttle program.

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Veteran mechanics, technicians, engineers enjoy keeping shuttle fit

By Bob Howard (Editor’s note: This article was originally printed in Boeing News.)

T HERE’S MAJOR EXCITEMENT in the air at Boeing’s Palmdale, Calif., Orbiter Major Modification Facility. And it’s as welcome as the aroma of sage after desert rain.

The space shuttle is here.

Atlantis is back in Palmdale for a series of major modifications and state-of-the-art improvements that will allow her to carry greater pay-load weight into orbit, navigate with unprecedented accuracy and give astronauts new, digital instrument displays with which to fly.

This team of veteran space mechanics, technicians, engineers and support staff is about to tackle one of the most ambitious shuttle modification and inspection periods to date. And, they can’t wait to get into it.

Darrel Trojan is one of Boeing’s Palmdale, Calif., Orbiter Major Modification Facility staff. And he’s as welcome as the aroma of sage after desert rain.

“The change to MEDS is necessary because present electronic mechanical devices are becoming obsolete and increasingly expensive to maintain,” said Russ Turner, Boeing’s Orbital Space Systems vice president and general manager.

“Besides reducing maintenance costs, MEDS will reduce vehicle weight and power consumption, increase shuttle reliability and performance, and be capable of expansion for future applications.”

MEDS is installed before each mission to ensure that the vehicle checkouts. The move is expected to reduce the time required to process the vehicle for its next flight by up to three months.

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Space News Roundup

February 27, 1998
The Texas Independence Trail Riders made their way through driving rain to reach JSC Feb. 23 on their way to the Houston Livestock Show and Rodeo. In spite of the bad weather, they arrived on time and were joined by five JSC Circle Riders. The group wound through the center and set up camp overnight at the Gilruth Center. Later that evening, the NASA/Clear Creek/Friendswood Subcommittee of the Houston Livestock Show and Rodeo’s Metro Go Texan Committee sponsored a dinner and dance at the Gilruth Center ballroom.

“There were well over 400 guests,” said Larry Neu, Rodeo Planning Committee chairman. “For a first year, that was a good crowd.”

1) Rose Gardner of the JSC Travel Office, center, rides with the Independence Trail Riders as they enter JSC at Rocket Park.
2) Traci Williams, daughter of JSC’s Dawn Williams, pets a horse, as Cara Clayton, daughter of Ron Clayton, waits her turn.
3) A lone rider guides his horse through JSC on the way to the Gilruth campground.
4) At the end of a long day, Ben Posey still has a friendly smile as he unsaddles his horse Charlotte for the night. Posey and Charley Carey, right, were the only riders who pitched tents each night of the trail ride, foregoing the comfort and luxury of large campers.
5) Parents and children of all ages welcome the riders to JSC as they enter Rocket Park.
6) Two Longhorn Ranch “Dance Hall Girls” turn in to Rocket Park, carrying a shuttle model that almost became airborne during the windy storms earlier in the day.
7) Walter Walls holds his horse, Salt, as a youngster pets it at the JSC Child Care Center.
8) Leo and Laura Salkowski, children of Engineering’s Charles Salkowski, judge two chili recipes made by employees of the JSC Child Care Center during Rodeo week.
9) Employees in Bldg. 1-55 welcome the riders as they parade through JSC.
John Glenn orbits Earth three times

Mercury Atlas 6 flight proves man is able to perform tasks during weightlessness

Reprinted from the Feb. 21, 1962, issue of the Space News Roundup.

Astronaut John Glenn, Jr., yesterday became the first American to orbit the Earth. The spaceflight, often postponed because of weather and technical difficulties, finally became a reality after a sudden change in weather and Glenn’s name was called to go down into history alongside the names of Astronaut Alan B. Shepard and Virgil I. “Gus” Grissom, who completed suborbital space flights last year. The flight started at 9:47 a.m. EST and was concluded at 2:43 p.m. EST when he splashed down in the Atlantic Ocean. The spacecraft and launch vehicle systems performed outstandingly. Both Glenn and his back-up pilot, Ald K. “Deke” Slayton, who has been technical advisor, stated that the delays would only add to the excitement and the feeling that the mission was a success. He said in part, “I know I express the great happiness and thanksgiving of all of us on the completion of Colonel Glenn’s trip. I also want to thank all of those who participated at Cape Canaveral who faced many disappointments and delays but kept their heads up and made a judgment and today that judgment has been vindicated. Some time ago, I stated that all men should serve their country. Today Colonel Glenn served his country.”

At New Concord, Ohio, many activities were held to mark the biggest day in the life of the town’s hero. At T minus 15 minutes the streets in the town were soundproofed to give the citizens notice to gather at the hometown of Glenn. At T minus 1 minute the lights were turned on as a salute by the citizens. Cooper informed him that the lights were very well and thank everyone for turning them on.”

On his last orbit Glenn requested Cooper to send a message to the Commandant of Marines, General C. V. Shoup, notifying him that he had attained his necessary four hours of flight time and was requesting flight pay.

After his re-entry, at which time the spacecraft attained a temperature of about 3,000 degrees and the pressure check was completed at 6:48 a.m., he left the crew quarters at 6:50 a.m. and was transferred to Complex 14 and was picked up by the USS Noa at 3:01 p.m. and set on the destroyer's deck at 3:04 p.m. Glenn reported by radio to the Noa's crew, “My condition is excellent.”

The near perfect weather and the outstanding performance of the spacecraft and launch vehicle systems seemed a fitting reward for the remarkable patience with which Glenn had shrugged off what seemed to be endless delays to others but also those at the Glenn home and the recovery. The media not only covered the trip he traveled around the Earth but also those at the Glenn home. Gilruth Home Page: Check out all activities at the Gilruth online at: http://www4.jsc.nasa.gov/ah/}

Roundup Deadlines

The Space News Roundup is published every other Friday. Story ideas should be submitted as far in advance as possible, but no later than two weeks prior to the date of publication. The deadline for Dates & Data calendar items is three weeks prior to the date of publication. Stories and ideas should be submitted to Editor Kelly Humphries in Bldg. 2, Rm. 206, via fax at 845-3596 or via e-mail to kelly.humphries1@jsc.nasa.gov. Retirees should submit change of address notices to the distribution group at Mail Code BT502 or call Ignacia Ramirez at 281-483-6161.
JSC offers limited buyout option to retirement-eligible employees

JSC’s Center Operations Director has issued a policy statement emphasizing the importance of communicating between the JSC rigging and heavy hauling support contractor and its customers. The Center Operations Director Jim Heflin issued the policy in late February.

“It is a joint responsibility of the customer and the rigging and heavy hauling support contractor to obtain and ascertain all information and unique characteristics of a lift prior to accomplishment of that task,” he said.

Information required includes but is not limited to: special handling requirements, identification of electrical or chemical hazards, restrictions regarding the accessibility of the facility during missions, physical access limitations of the job site which the customer has knowledge of but which may not be readily obvious, other hazards and correct weight and center of gravity.

A job survey is conducted by the rigging and heavy hauling support contractor for all rigging tasks. The customer or his designated alternate must actively participate in this survey. All information obtained from the job survey is documented by the rigging and heavy hauling support contractor. This information, as well as all details pertaining to the task, are provided to the rigging crew prior to beginning the work process.

Modifications or reconfguration of an article to be lifted or hauled is strictly prohibited once the job survey has been completed unless the proper notification is given to the rigging and heavy hauling support contractor.

Contact the Transportation Branch at 83919 or http://hro.jsc.nasa.gov/announce

People on the Move

Human Resources reports the following personnel changes as of Feb. 14:

Additions to the Workforce
Irene Blyik joins the EVA Project Office as a project engineer.

Promotions
Mary Lee Niedler was selected as a management analyst in the Safety, Reliability, and Quality Assurance Office.

Reassignments Between Directorates
Tom Cremins moves from the International Space Station Program Office of the Associate Director Long Range Planning to the Execution of the Mission. Laura Dyer moves from the International Space Station Program Office to the Office of the Program Director Long Range Planning. Daryl Pelter moves from the Engineering Directorate to the Space Shuttle Program Office. Sharron Buffer moves from the Phase 1 Program Office to the International Space Station Program Office.

Resignations
Cynthia Hamandez of the Engineering Directorate.

March 12

MEAs The Society of Mexican American Engineers and held a luncheon at Mario’s Pizza in Webster. For more information, call Gerard Valle at 281-33853.

SSQ: The Society for Soft Wear will meet at 6:45 March 12 at the Holiday Inn. Registration and social begin at 5:30 with dinner at 6 p.m. To make a reservation, call Earl Lassiter at 281-322-6098 or Herb Balbacreve at x42623.

March 13

Space Society Meetings: The Clear Lake chapter of the National Space Society will meet at 7:30 p.m. March 13 at the Radisson Hotel, 9100 Gulf Freeway, Houston. For more information, call Murray Clark at 281-322-6098.

Astromerons: The JSC Astronomical Society will meet at 7:30 p.m. March 13 at the Center for Advanced Space Studies, 3626 Bay Area Blvd., Houston. Contact: Chuck Shaw at x35416.

March 17

Solar Energy in Texas video: Local members of the Texas Solar Energy Society will present a new video narrated by Dan Rather entitled “The Infinite Power of Texas” at 11:30 March 17 in Bldg. 7, Rm. 141. For more information call Mike Ewert at x39134.

March 18

Spaceland Toastmasters meet: The Spaceland Toastmasters will meet at 7:30 a.m. March 18 at the House of Prayer Lutheran Church. For more information, call George Salazar at x31062.

Communicators: The Clear Lake Communicators will meet at 11:30 March 18. For information and location, contact Hank Duke at 281-280-4403 or Melissa Sommers at 281-332-9648.

Spacecraft Identifiers: The Spacecraft Identifiers of NASA will meet at 5 p.m. March 10. For more information, call Carrie Kuhrt at 282-3908 or Brian Collins at x31590.

March 20

SEMA Seminar: The JSC Astronomical Society will meet at noon March 20 in Bldg. 7, Rm. 129. An open meeting is planned. For more information, call Al Jackson at x30537.

March 25

Warning System Test: The site- wide Employee Warning System will perform its monthly audio test at 6:30 a.m. March 25. For more information, call Bob Gaffney at x34249.

Airplane club: The MSC Radio Control Club will meet at 6 p.m. March 5 in the Clear Lake Park building. For more information, call BMI Langdoc at x35970.

NCMA meetings: The National Contract Management Association will meet at 11:30 a.m. March 5 at the Clear Lake Golf Club. The speaker will be Delee Jackson, the NASA associate administrator for procurement. For information, call Nancy Lintzis at x31865.

March 10

NCMA meetings: The National Property Management Association will meet at 5 p.m. March 10 at Roblins for dinner and game. For more information, call Kevin Seabrook at 281-280-4403 or Melissa Sommers at 281-332-9648.

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There are no organizational lim- its except for secretaries and clerks (NASA Class Code 500). Only one retirement-eligible secretary per division is eligible for this total of five centerwide—will also be taken into account.

Priority will be given to employees based on their retirement eligibility status and length of service. First priority will go to optional retirement eligible employees, followed by all other retirement eligible employees. Grade level will not be a factor.

For the buy-out, employees must submit applications no later than March 20 to AHF/ Employee Services, Bldg. 45, Rm. 140.

Employees will be notified of the status of their buyout application no later than March 24.

Recipients who are representatives are available to provide information and individual counseling at x32681 or by visiting the Employee Services Office in Bldg. 45, Rm. 140.

Information also available on the Human Resources website at http://hro.jsc.nasa.gov/announce

Houston Chapter of the National Contract Management Association is sponsoring a national education and certification seminar on electronic contracting on March 19 at the University of Houston. Registration begins at 7:30 a.m. and the seminar begins at 8:30 a.m. The speaker will explore the latest innovations in electronic contracting and contracting for begin- ners as well as experts. All attendees will receive a copy of the 1998 Electronic Data Interchange and Electronic Commerce (CD-ROM) and a resource book. The cost is $145 members, $165 non-members. For more information call Laura Barlow at 228-7658.

Spaceland Toastmasters meet: The Spaceland Toastmasters will meet at 7:30 a.m. March 18 at the House of Prayer Lutheran Church. For more information, call George Salazar at x31062.

Communicators: The Clear Lake Communicators will meet at 11:30 March 18. For information and location, contact Hank Duke at 281-280-4403 or Melissa Sommers at 281-332-9648.

Spacecraft Identifiers: The Spacecraft Identifiers of NASA will meet at 5 p.m. March 10. For more information, call Carrie Kuhrt at 282-3908 or Brian Collins at x31590.

March 22

NCMA seminar: The JSC Astronomical Society will meet at noon March 22 in Bldg. 30, Rm. 129. An open meeting is planned. For more information, call Al Jackson at x30537.
**Goldin to keynote climate conference**

NASA Administrator Daniel S. Goldin will keynote a conference March 3-4 at the University of Texas at El Paso, March 3-4. The conference, "Science and Environ-ment," is designed to stimulate the investigation of regional climate variability and its effect on the availability and quality of water resources critical to the region. Rep. Silvestre Reyes, D-Texas, and 10 other members of Congress will co-chair the event. The conference is designed to provide farmers, ranchers, industry leaders, planners, utility managers and others whose livelihoods are affected by the climate change with practical information about climate variations and how they can affect regional decision making.

**Children may send names to Mars**

NASA invites children at all ages to send their name to Mars. On December 3, 1999 the Mars Climate Orbiter and the Martian atmosphere encased in a protective shell and traveling at hypersonic speed. It will parachute open and will then descend in a specially designed aeroshell surface at a predetermined spot with water on Mars. Names are accepted only in the planning stages prior to a launch date. Although names will be received by a computer at the Jet Propulsion Laboratory in California, a list of names will be provided to the children. The mail address is:

NASA/JPL
Mars Name Registration
P.O. Box 20137
Pasadena, Calif. 91107

School open house to follow construction

(Continued from Page 1) and mathematics curriculums. Possibilities are for children to design and build an exploratory system to plant floor as the Skunk Works vehicle assembly piece at Palmdale.

The school will house grades 6, 7 and 8, and may also be used as a magnet for science, math and engineering students throughout the school district. A final decision on the name of the school has not been made yet.

(Continued from Page 1)

Fe. 13 following NASA Administrator Daniel S. Goldin's announcement that Glenn would be making his second space flight.

Joining Brown, an Air Force lieu-tenant colonel, and Glenn on Discov-ery will be Pilot Steven Lindsey, an Air Force major, and Mission Specialists Scott Parazynski, M.D.; Stephen Robinson, Ph.D.; and Pedro Duque, as well as Payload Specialist Chiaki Mukai, M.D., Ph.D., of Japan.

The 10-day flight will support a vari-ety of research payloads including deployment of the Spartan solar-observing spacecraft, the Hubble Space Telescope Orbital Systems Test Platform, and investigations on space flight and the aging process. The primary objectives of STS-95 are to deploy the Spartan spacecraft for two days of free flight during which it will study the Sun's corona, and to conduct experiments on the Hubble Space Telescope Orbital Systems Test Platform and the International Extreme Ultraviolet Hitchhiker-3 payload.

The Roundup is an official publi-cation of the National Aeronautics and Space Administration, Lynd- don B. Johnson Space Center, Houston, Texas, and is published every other Friday by the Public Affairs Offices of the Johnson Space Center. The Roundup is for employees, who are responsible for the importance of engineering and sci-ence and what it means to them in terms of the future.

The school will house grades 7, 8 and 9 and will be a magnet for science, math and engineering students throughout the school district. A final decision on the name of the school has not been made yet.

**STS-95 commander to focus on science**

Glenn, who will be carrying its standard medical kit, with no additional objectives. Glenn, whose training began last week with familiarization briefings on the shuttle, launch and entry suits and a run in the center of gravity simulator at Space Force Base, San Antonio, said he is excited. He said he has been made since his seminal flight. He said the shuttle is "the amazing safety record" and is "the vehicle and its support. It's going to take a long time to do that. It's going to take a lot of us to make that happen. But if it's been exhilarating, too, and I've loved every minute of it. I've even enjoyed the centrifuge runs yesterday. It's just a start. We'll be training all this year and we're looking forward to doing all the things we need to do to know that the best flight out of this flight. Glenn said. "The Mercury spacecraft could be tucked away in one little corner of the payload bay." Glenn said. "I'm not doing those experiments myself. I'm backing up some of the other people. I'm here as a working crew member, and that's it." Brown said Mukai's selection for the crew preceded Glenn's. Part (for) also a physician, that the shut-tle will be carrying a medical kit, with no additions. Glenn, who is training for his fifth space flight, is the seventh and final NASA space shuttle commander to fly in space. He will fly on STS-95. He will fly on STS-95. He flew on STS-74 in 1996, STS-77 in 1996, and STS-85 in August 1997.

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