



michoud messenger

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MAF Transition Team Recognized for Outstanding Achievement at MSFC

The Michoud Assembly Facility (MAF) Transition Team received the NASA Group Achievement Award during a ceremony at the Marshall Space Flight Center in Huntsville, Ala. June 3. The award was given for outstanding accomplishment through the coordination of many individual efforts that have contributed substantially to the NASA mission.

Jacobs Technology was awarded the manufacturing support and facility operations contract (MSFOC) on May 1, 2009. During May and June of last year Jacobs worked with Lockheed Martin, the outgoing MSFOC contractor, and NASA over the 60-day period to make the transition a smooth one.

“NASA, Jacobs and Lockheed worked well to-

gether and the award highlights that teamwork,” said Malcolm Wood, MAF’s deputy chief operating officer.

July 1, 2010 marks the completion of the first year

for Jacobs at MAF. Jacobs General Manager Mike Dawson credited the MSFOC team for an outstanding first year and said he looks forward to the future. “We are excited about supporting NASA’s transformation of MAF into a multi-program, multi-tenant facility,” said Dawson.

NASA’s MAF is a world class facility that has been at the center of human space flight since the early 1960s. Located on 832 acres in eastern New Orleans, MAF is also home to the US Coast Guard and

the US Department of Agriculture’s National Finance Center.



Jacobs Technology Vice President Dan Pierre (left), NASA’s Cynthia Spraul (center) and Lockheed Martin’s Elliot Perret (right) accept the NASA Group Achievement Award June 3 at the Marshall Space Flight Center.

Hurricane Safety – A Family Plan



Last month, we discussed how the best defense against a hurricane is to be prepared. Now that hurricane season has started, it's time to review and update plans to protect your family and property.

Before a hurricane approaches

- Decide where the family will meet if separated, where you will seek shelter and what to take with you if you must evacuate. Also make plans for your pets.
- Assemble an emergency survival kit with food, water, medical, batteries, sanitation and bedding supplies to last three to five days.
- Keep an updated list of all medications for household members.
- Prepare for family members with special needs.
- Make plans to secure your property.
- Be sure shrubs and trees around your home are well trimmed.
- Have a list of addresses and contact numbers that includes family, friends, emergency contacts and employer.
- Take an inventory of property and possessions on paper, as well as a video survey.
- Keep a stash of cash or traveler's checks at home so you can get to them quickly in case of an evacuation.
- Keep photos of family members in your wallet in case someone is missing.
- Get a hurricane evacuation map.
- Make sure your home's street address numbers are clearly marked.

When a hurricane approaches

- Monitor the news on TV or radio. The National Weather Service will issue a hurricane watch when hurricane conditions of high wind and storm surge are expected within 48 hours. A hurricane warning will be issued when hurricane conditions are expected within 36 hours.
- Secure your home and loose objects on the porch or in the yard.
- Ensure a supply of water for sanitary purposes; fill large containers, including the tub, with water.
- Because storms can cause power fluctuations or outages, unplug unnecessary and sensitive electric equipment.
- If you need to evacuate, follow official instructions issued on emergency radio stations.
- When evacuating, shut off the power supply to your home at the main breaker or switch—usually located by the electric meter or in the circuit breaker panel.

During the Storm

- Stay away from windows and doors, even if they are covered. Go to an interior first-floor section, such as a hallway, bathroom or closet.
- If the storm's eye passes over, it will be calm for a short time. Remain indoors.
- Stay calm. It may take several hours for the storm to pass.

After The Storm

- Stay on firm ground. Moving water only six inches deep can sweep you off your feet. Stand-

ing water may be electrically charged from downed power lines.

- Drive only if necessary. Debris and floodwaters may be covering roads, making them impassable.
- Re-enter your home carefully. Beware of fallen objects or damaged roofs and walls.
- Use flashlights for light. Do not use matches, torches, candles or any other open flame.
- Check gas, water and electrical lines and appliances for damage.
- If your home was flooded, flush plumbing fixtures with water. Have health authorities inspect your sanitary disposal system.
- Do not use food that came in contact with flood waters.
- Use generators only to run necessary appliances and do not put them inside your home.
- Wear protective clothing while cleaning up debris.
- If phone service is available, have an out-of-state contact you can call. That person can call other friends and family and give them updates.
- If the electricity is out, open the refrigerator and freezer doors only when necessary. Eat refrigerated food first, then frozen food and dried or canned food last.

Developing a successful game plan for your family is simple. If you haven't already done so, now is the time to plan.

– Forrest Davis
MAF Emergency Operations Coordinator

STS-132 Crew Visits Michoud

Six astronauts of the STS-132 crew visited NASA's Michoud Assembly Facility June 17 and thanked workers for an outstanding external tank.

"When we landed at Kennedy ... and got out of the orbiter, walked around and looked up at the belly that was by far the cleanest orbiter I've ever seen," said STS-132 mission commander Ken Ham.

Ham said the mission's success can be attributed to the entire team of NASA civil servants and contractors who played a part in building ET-136.

Space Shuttle Atlantis took off May 14, powered by ET-136, and landed at Kennedy Space Center May 26 after a successful 12-day mission, which included three spacewalks.

The crew played their mission video for Michoud workers, which thundered music to video of the astronauts delivering the Russian Mini Research Module-1, a radiator, airlock, a European robotic arm and extra

hardware.

After almost 25 years and more than 115 million miles, the space shuttle Atlantis' mission to the International Space Station in May was its final trip.



The crew of STS-132 flanks Mark Bryant, vice president of Lockheed Martin's ET Program. Bryant was awarded the NASA Outstanding Leadership Medal for his work at the Michoud Assembly Facility.

MEF-3 Kicks Off

The third year of the Michoud Education Fellows (MEF) program is underway. The purpose of the MEF program is to provide educators an opportunity to explore the way mathematics, communication, science content and inquiry skills are used by scientists, engineers and skilled workers at NASA's Michoud Assembly Facility.

Six teachers, two from Zachary Community Schools and four from St. Tammany Parish, spent June 7-11 touring Michoud and meeting with workers of the site. "We had a great first week," said Ian Binns, a professor at Louisiana State University (LSU) and one of the leaders of the program. Some of the first week highlights were the briefings with the 2010

astronaut candidates, seeing the Orion capsule up close and personal and meeting the STS-134 crew.

The teachers will return to Michoud July 12-16 for more tours and to interview Michoud personnel about their personal science and math journey to their current job at NASA. They'll also attend five course meetings that will occur at LSU on Saturdays during the 2010-11 school year.

"Ultimately, the purpose of this project is to help fellows realize the importance of the subjects they teach in providing an educated work force to sustain Louisiana's economy, as is exemplified by the activities underway at Michoud," said Binns.



From left to right: Paulette Perrin of St. Tammany Parish Schools; Boeing's Jackie Nesselroad; Christina Hotard of Monteleone Junior High; Lisa Redmon of Copper Mill Elementary; Circe Bridges of Copper Mill Elementary; Renee Davis of Madisonville Junior High; Kathy Trees of Pearl River High; Steve Larson of Boeing; and LSU's Ian Binns, this year's moderator. Diana Morgan of Salmen High School is seated in front.

Letters from Leadership

I recently had the opportunity to attend a Beyond Zero safety workshop and what a great time to be thinking about safety. Hurricane season is underway so now is the time for the NASA family on the Gulf Coast to focus on safety. June was National Safety Month and NASA Administrator Charlie Bolden published an agency-wide message that I would like to share with the Michoud workforce. Thanks for what you do and stay safe out there.

– Malcolm Wood, MAF Deputy COO

Our success is built on a culture that values safety and recognizes that everything we do must be done with careful planning and attention to risk. While NASA's safety record remains competitive with other federal agencies and our industry counterparts, we are seeing increases in the rate of lost-time cases at some of our field centers. Mishap investigations tell us many of our injuries were easily preventable.

Some of our injuries were the consequence of unnecessary risk. Others resulted from taking short cuts without risk assessment, or making modifications to get the job done quickly instead of following established procedures and manufacturer's instructions. Following procedures and being aware of your surroundings is vitally important, even in simple, everyday activities.

Take time to review your everyday activities at work and at home. Apply the same discipline of safety to your personal activities as you do in the work place so our entire NASA extended family can enjoy the season safely.

This coming year is a pivotal one for our Agency. It is vitally important that each of us stays focused on the mission at hand so we can move forward together into the future. Thank you for your commitment to safety and mission success. Our work is a constant reflection of your dedication and perseverance.

– Charles Bolden, NASA Administrator

Civil Air Patrol



Members of the Louisiana Civil Air Patrol (CAP) Pontchartrain Squadron toured MAF June 8. The CAP divides its missions into three areas: emergency services, aerospace education and cadet programs.

ET-138 Ceremony



July 8, 2010, 9 a.m. – In front of bldg. 420
Luncheon to follow for all Lockheed and MSFOC employees

National Aeronautics and Space Administration

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