

# Johnson Space Center

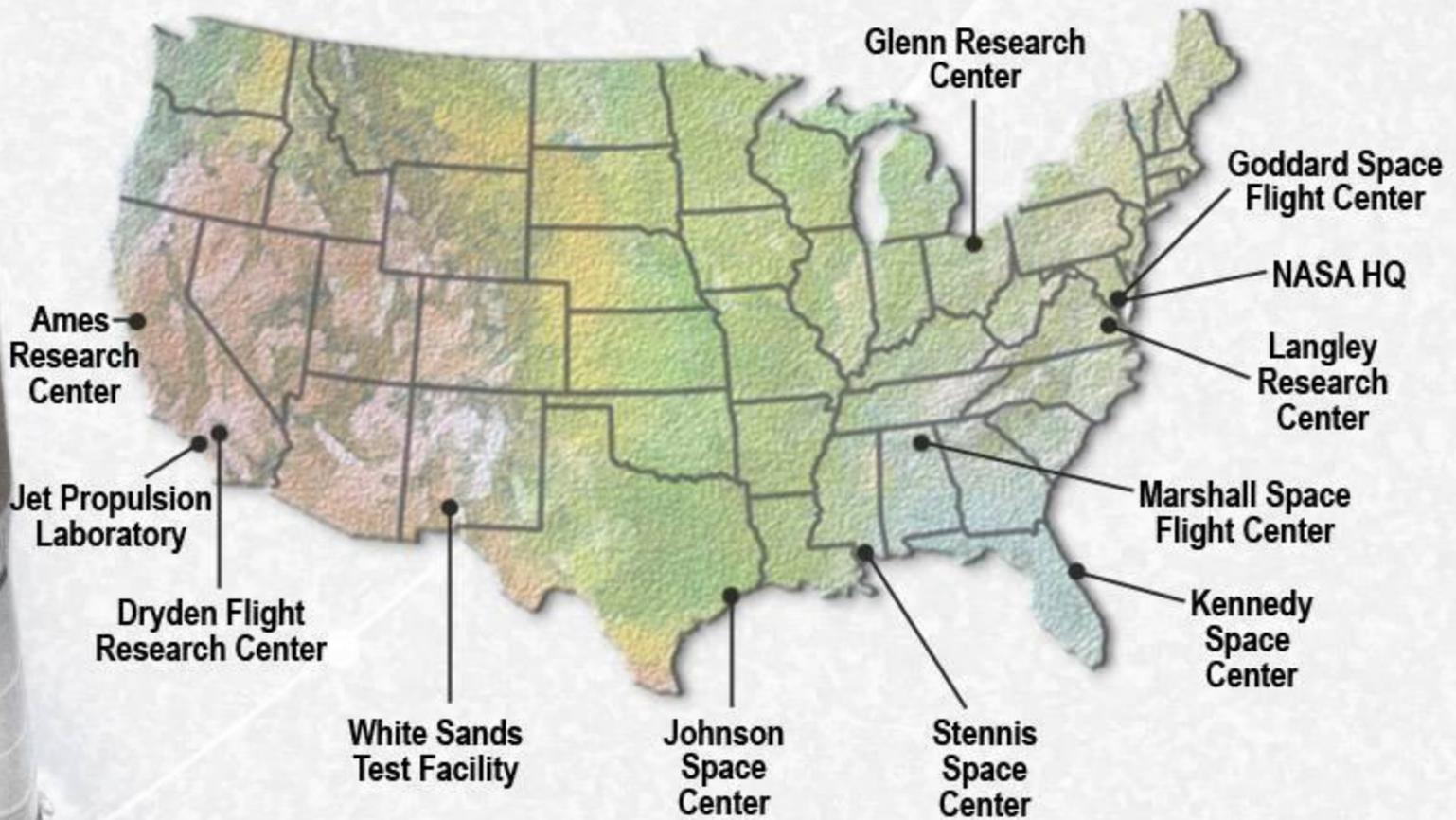


## An Overview:

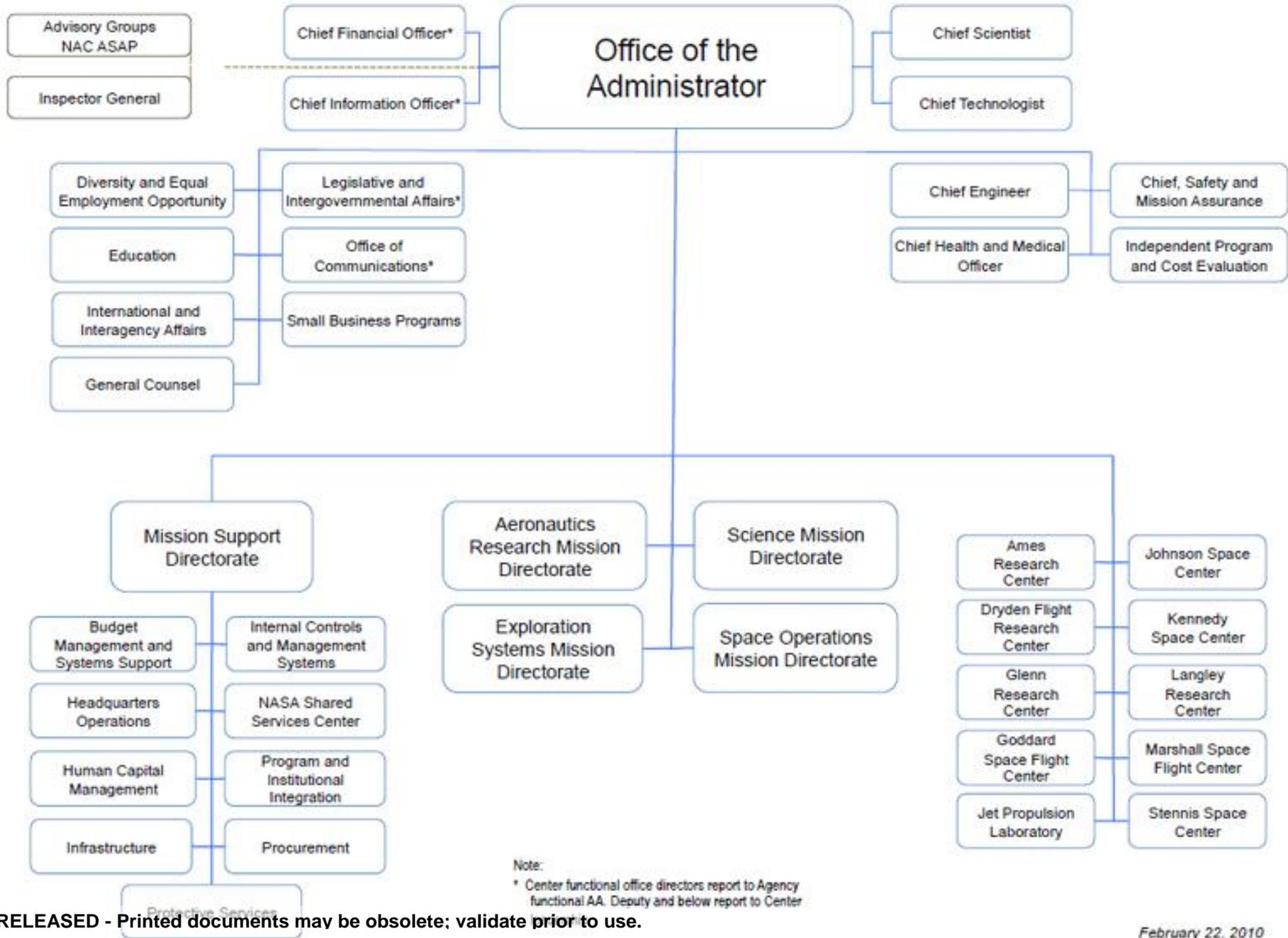
# Teamwork – Key to a Successful Space Program



Johnson Space Center



# National Aeronautics and Space Administration

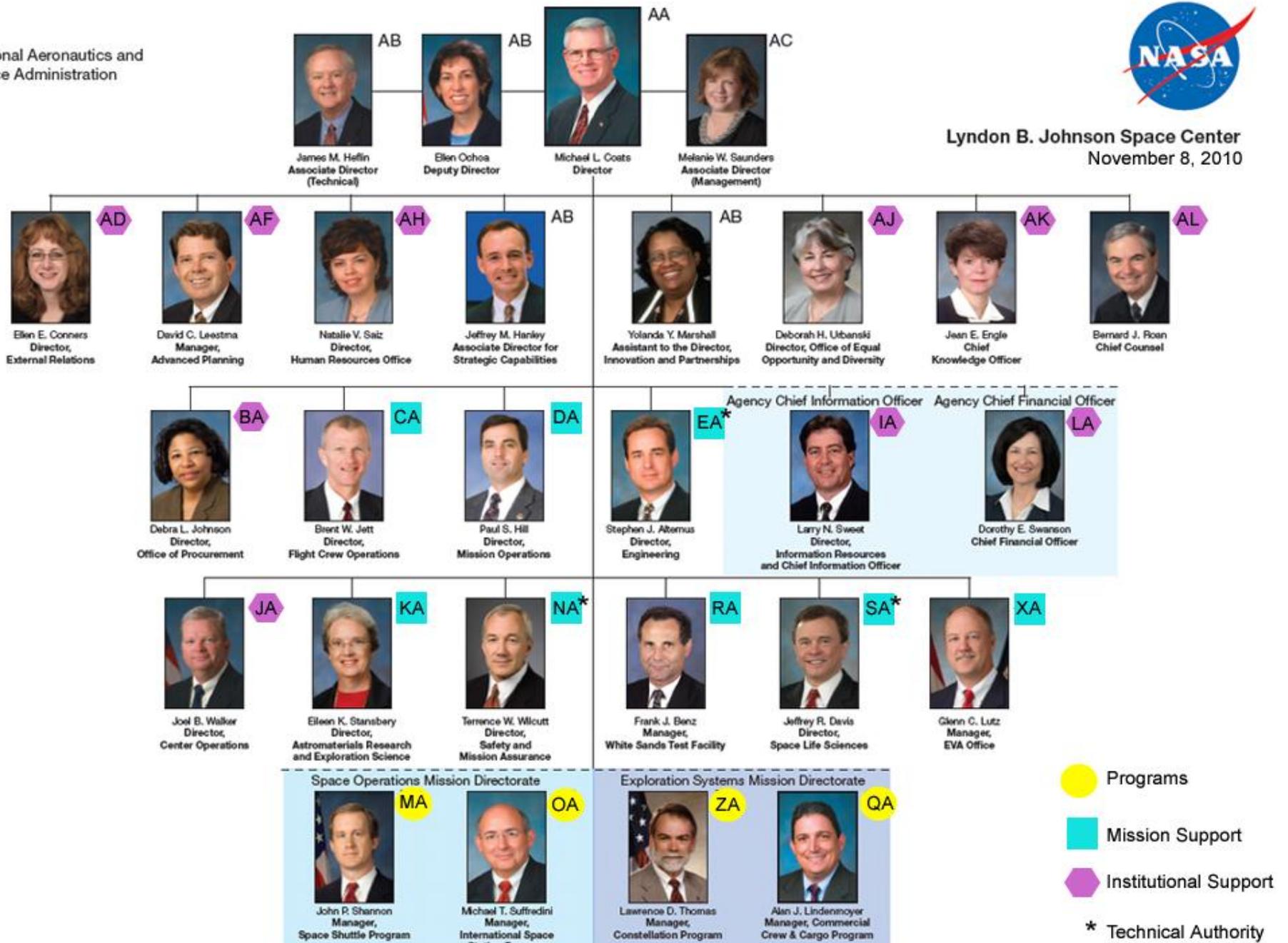


Note:

\* Center functional office directors report to Agency functional AA. Deputy and below report to Center



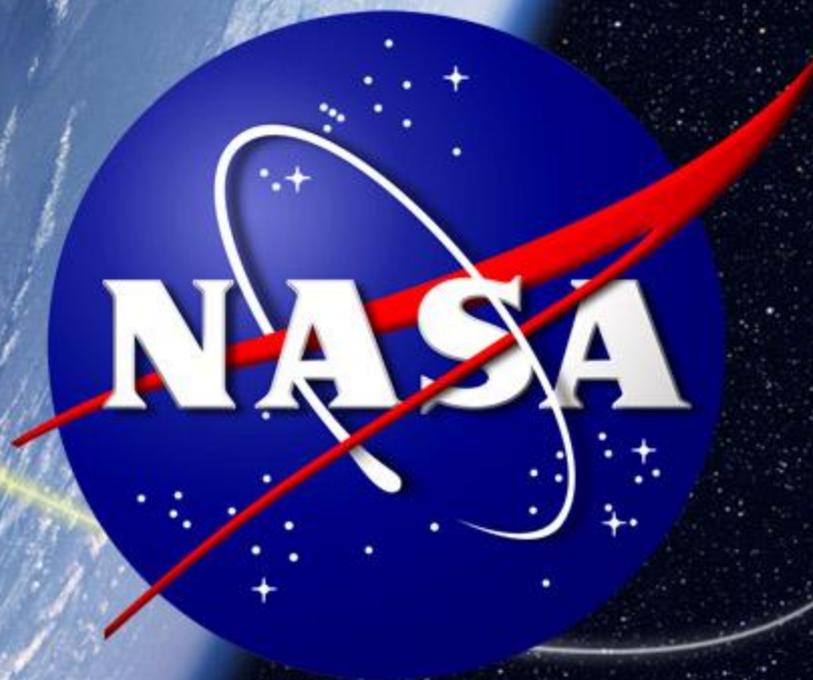
Lyndon B. Johnson Space Center  
November 8, 2010





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For additional information visit:



*nasa.gov*

# ***Backup Slides***

# Inside NASA Johnson Space Center



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## **SPACE SHUTTLE PROGRAM (SSP) (JSC Hosted)**

*Fly safely servicing the International Space Station and the Hubble Space Telescope until the Space Shuttle retirement in 2010. (Vision for Space Exploration [VSE])*

## **INTERNATIONAL SPACE STATION (ISS) (JSC Hosted)**

*Complete the ISS consistent with our international partner commitments and the needs of human exploration. (VSE)*

## **CONSTELLATION PROGRAM (CxP) (JSC Hosted)**

*JSC hosts three CxP Projects: Crew Exploration Vehicle (CEV) a/k/a "Orion;" Extravehicular Activity (EVA) a/k/a "Spacewalks;" and Mission Operations. Bring Orion into service as soon as possible to replace the Space Shuttle. (VSE)*

## **COMMERCIAL CREW & CARGO PROGRAM**

*Encourage and involve the private sector in the business of human space flight.*

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## **ADVANCED PLANNING**

*JSC is the primary point-of-contact for strategic planning and technology investments.*

## **FLIGHT CREW OPERATIONS DIRECTORATE**

*The Directorate is responsible for the overall planning, direction, and management of flight crew operations and Center aircraft program activities. Staff members select and train astronaut candidates, determine flight crew training and simulation requirements, recommend specific flight crew assignments, train and certify payload specialists, conduct public relations activities in support of NASA programs, and help develop timelines, procedures, and new programs. Home of the astronauts.*

## **MISSION OPERATIONS DIRECTORATE**

*Plan, train, and fly humans in space. . .home of "Mission Control."*

## **ENGINEERING DIRECTORATE**

*Expertise in aerodynamics, mechanical, electrical, biomedical, industrial, propulsion, chemical, and computer engineering to produce, test, and certify aerospace systems and concepts to meet human space flight program objectives.*

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## **ASTROMATERIALS RESEARCH AND EXPLORATION SCIENCE (ARES) DIRECTORATE**

*Basic research in earth, planetary, and space sciences and the curatorial responsibility for all NASA-held extraterrestrial samples. Provides support to the human and robotic space flight programs with expertise in orbital debris modeling, analysis of micrometeoroid/orbital debris risks to spacecraft, image analysis, and earth observations.*

## **SAFETY AND MISSION ASSURANCE (S&MA) DIRECTORATE**

*To assure successful space flight and to promote a safe and healthy work environment, S&MA reduces risk by providing technical evaluations, assessments, and analytical services through the lifecycle of NASA programs and projects.*

## **WHITE SANDS TEST FACILITY (Las Cruces, NM)**

*Testing and evaluating potentially hazardous materials, space flight components, and rocket propulsion systems.*

## **SPACE LIFE SCIENCES DIRECTORATE**

*Engaged in understanding the effects of the space frontier on the capabilities and limitations of humans living and working in that frontier.*

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## **EVA OFFICE**

*Program management authority for approval of EVA execution, training, integration and operations, and development of suits, systems and support equipment, and all EVA-related advanced technology.*

## **CENTER OPERATIONS DIRECTORATE (COD)**

*COD is responsible for successfully operating JSC's infrastructure and supporting its occupants through facilities management, environmental services, logistics services, and protective services.*

## **INFORMATION RESOURCES DIRECTORATE (IRD)**

*Provides a wide-range of information products and services as well as full life-cycle support of a variety of institutional information systems and serves as the Center's Chief Information Office (CIO) that also provides for a safe and productive Information Technology (IT) Program by establishing policies, processes, requirements, and standards that will govern the planning, acquisition, management, security, utilization, and report of IT at JSC.*

## **OFFICE OF PROCUREMENT**

*Conducting acquisitions and managing contracts to ensure that our customers get what they need at fair and reasonable prices when they need it using the best methods and tools; ensuring adherence to high standards of professional integrity.*

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## **CHIEF FINANCIAL OFFICER (CFO)**

*The JSC Office of the CFO provides the Center, Programs, Projects, and functional organizations with the guidance, insight and expertise through financial knowledge, information, and tools required to effectively manage and optimize its resources.*

## **OFFICE OF EQUAL OPPORTUNITY AND DIVERSITY**

*The purpose of this Office is to ensure the effective implementation of the laws and policies which provide for equal employment opportunity for all employees and applicants for employment, regardless of their race, religion, color, sex, national origin, age, sexual orientation, or disability; to ensure against discrimination; and to promote the full realization of employment programs for everyone.*

## **EXTERNAL RELATIONS OFFICE**

*This Office is responsible for strategic communications planning and operations, and building relationships with key stakeholders. The Office integrates several communications programs designed to reach external audiences, but also includes an internal communications function. The External Relations Office develops strategic communications policy and advises Center management and program offices on communications issues.*

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## **HUMAN RESOURCES OFFICE**

*This office provides advice, tools, and services that help the Center recruit, develop, and retain a capable, committed, and diverse workforce.*

## **CHIEF KNOWLEDGE OFFICER**

*The Chief Knowledge Officer is responsible for the knowledge management program at JSC. Key in this program is the development and implementation of a wide variety of innovative, multi-disciplinary processes and mechanisms to encourage the identification, sharing, retention and reapplication of knowledge throughout the Center.*

## **CHIEF COUNSEL**

*The Legal Office provides in-depth legal support to the Center's activities, including satellite installations and offices.*

***Innovation and widespread collaboration will be required in meeting JSC's major challenge today of operating two human space flight programs while standing up and supporting a third program including developing a new crewed-spacecraft.***