

NASA Johnson Space Center Bioastronautics Contract

Employing Agency/Company: Wyle Laboratories, Inc.

Points of Contact:

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Contract Description: This contract supported the JSC Human Health and Performance Directorate. The scope of work includes biomedical research, biotechnology development, operational space medicine, clinical laboratories, human factors engineering, project management and facilitation, bonded storage, records and data management, space food laboratory development, biomedical engineering, biomedical hardware design, fabrication, testing, and payload and hardware integration with Space Shuttle and the International Space Station (ISS).

Place of Performance: NASA JSC and
Wyle, Houston, TX

Period of Performance: 08/01/2006-
10/31/2015

3.18.1 Technical Training Support

JES Tech developed and maintained training products for the Space Medicine ISS program, focusing on the Heath Maintenance System (HMS). We delivered instructional support for crews, flight controllers, medical engineers, Missions Operations Directorate personnel and visitors of Space Medicine for the ISS program. We delivered and maintained certified curriculum materials and lessons. Our instructors developed procedures and material needed for Space Flight Health Care Training. This required consolidation of information from various groups both internal and external to Space Medicine. We worked closely with hardware engineers, hardware scientists, flight surgeons and flight controllers to verify and update lesson materials and provided feedback on operational and procedural updates discovered during training to keep materials updated and effective.

NASA Johnson Space Center Human Health Performance Contract (HHPC)

Employing Agency/Company: Wyle Laboratories, Inc.

Points of Contact:

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Contract Description: This contract supports human spaceflight activities, including fundamental and applied biomedical research; operational space medicine; occupational health and medicine at the Johnson Space Center and the White Sands Test Facility; management of clinical, biomedical, space food and environmental laboratories; design, fabrication, testing and operation of biomedical flight hardware; and payload and hardware integration with the International Space Station.

Place of Performance: NASA JSC and
Wyle, Houston, TX

Period of Performance: 11/01/2015-Present

3.18.1 Technical Training Support

We develop curriculum materials and lessons to deliver hands-on expert instructional training on hardware used for biomedical research and science. Our instructors collaborate with biomedical engineers, health and medical specialists, scientists, and flight controllers to capture and fully integrate essential information to ensure comprehensive education. We train crews, flight controllers, engineers, and other space medicine support for all Crew Health Care System hardware on the International Space Station