

Position Description:

GS-801-14

The work involves the management or integration of operations activities required to support human spaceflight missions, including planning, directing, controlling, developing, or evaluating flight products, flight systems hardware or software operational requirements, site capability assessment, activities of the ground support team, or post-flight mission evaluations. Duties may also include monitoring contractors engaged in this work. Responsible to the Payload Operations Director for the conduct of Space Station payload flight operations including the on-board crew and POIC personnel. Provides technical direction to the payload operations support personnel in the accomplishment of the Space Station mission. Responsible for the coordination of the Space Station payload operations with the Payload Operations Director including significant payload or Space Station anomalies affecting successful operations. Serves as an engineering expert authority and consultant in the efforts of integrating ground and flight operations for assigned mission and payloads. Develops mission procedures and documentation; operations timelines; and the training and qualification of the operations teams in onboard systems, software, crew interfaces, or habitability. Integrates the operations team preflight mission analysis, integration, and training preparation.

Provides expertise and systems engineering leadership for the service elements that provide planning, command, control, and analysis of the agency's spacecraft.

Overcomes difficult and complex technical, project, and organizational problems using innovative and original approaches. Plans, guides, coordinates, and manages the work of subordinate, secondary, and matrixed resources engaged in accomplishing the missions and functions of the organization.

Major Duties Statement:

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- Manages and integrates operations activities required to support human spaceflight missions, including planning, directing, controlling, developing, or evaluating flight products, flight systems hardware or software operational requirements, site capability assessment, activities of the ground support team, or post-flight mission evaluations.
- Provides technical direction to the payload operations support personnel in the accomplishment of the Space Station mission.
- Coordinates Space Station payload operations with the Payload Operations Director including significant payload or Space Station anomalies affecting successful operations.
- Develops mission procedures and documentation; operations timelines; and the training and qualification of the operations teams in onboard systems, software, crew interfaces, or habitability.
- Uses innovative and original approaches to overcome difficult and complex technical, project, and organizational problems.