



HUMAN HEALTH AND PERFORMANCE

Exploring Space | Enhancing Life

Crew Task Analysis

Crew Task Analysis (TA) is an important Human-Centered Design activity required in all major space programs.

Renowned Skills and Unique Capabilities

Crew Task Analysis identifies the major tasks and subtasks that the crew will perform on a mission, along with information about resources needed for the task, and related constraints and parameters, e.g., number of crew, tools, task frequency, and dependencies.

TA helps ensure crew have the capabilities they need to perform mission tasks. Output from a TA informs required hardware and software decisions and features. It is also used to define relevant scenarios for testing and verification.

The JSC Human Factors Engineering Lab (HFEL) has extensive capabilities and experience in performing crew task analysis for space missions.



Johnson Space Center



For the benefit of all

For more information:
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